

June 2008 U.S. PATENT AND TRADEMARK OFFICE Electronic Information Products Division – PTMT MDW 4C18; P.O. Box 1450 Alexandria, VA 22313 TEL: (571) 272-5600 / FAX (571) 273-0110

A PATENT TECHNOLOGY MONITORING TEAM REPORT

This report was prepared by the United States Patent and Trademark Office (USPTO), Electronic Information Products Division, Patent Technology Monitoring Team (PTMT), and contains counts of U.S. patent applications by country of origin. These data were originally compiled by USPTO for reporting annually to the World Intellectual Property Organization (WIPO); WIPO presents them along with data from other intellectual property offices in the annual WIPO publication, *Industrial Property Statistics*. Please note, however, that counts presented in this report may differ from those reported in the WIPO report because, in some years, the WIPO report omits counts of selected USPTO applications (e.g., Patent Cooperation Treaty-based applications received by USPTO).

The country of origin of an application is based on the residence of the first-named inventor. Only utility patent applications are included in the figures for 1975 to the present. Both utility and reissue patent applications are included in the figures for 1965 through 1974. A separate count of reissue applications by country of origin is not available for those years, but is estimated to be very small, compared to the number of utility applications. From 1965 to 1974, 99.67 percent of the summed utility and reissue patent applications were utility applications, based on fiscal year data (see attached table addendum).

Country names that appear in this table do not imply any expression of opinion by USPTO about the preferred name or the legal status of any country or territory, or of its authorities. Changes in the geographic boundaries or the legal status of some countries may result in multiple names for the same geographic area. For example, applications from Egypt may also be reported as United Arab Republic, and applications from Rhodesia, South may also be reported as Zimbabwe.

For more information about patent data that are available from the USPTO, please contact the Patent Technology Monitoring Team at 571/272-5600 (telephone), 571/273-0110 (fax), or write to:

USPTO Electronic Information Products Division Patent Technology Monitoring Team MDW 4C18; P.O. Box 1450 Alexandria, VA 22313

### ADDENDUM TABLE

Percent of Utility Plus Reissue Patent Applications That Were Utility Patent Applications

| Fiscal Year | Percent |
|-------------|---------|
| 1965        | 99.73%  |
| 1966        | 99.71%  |
| 1967        | 99.73%  |
| 1968        | 99.66%  |
| 1969        | 99.61%  |
| 1970        | 99.66%  |
| 1971        | 99.74%  |
| 1972        | 99.72%  |
| 1973        | 99.62%  |
| 1974        | 99.62%  |
| 1965-1974   | 99.67%  |

|  |             |             |             |             | YE           | AR OF APPLI  | ICATION FILI | NG           |              |              |              |              |
|--|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (2)<br>COUNTRY                                 | (3)<br>1965 | 1966        | 1967        | 1968        | 1969         | 1970         | 1971         | 1972         | 1973         | 1974         | 1975         | 1976         |
| Afghanistan                                    |             |             |             |             |              |              |              |              |              |              |              |              |
| Albania  |             | ار          |             |             | 0            |              | 1            |              |              |              | _            | ,            |
| Algeria<br>Andorra                             |             | 1           |             |             | 2            |              | 1            |              |              |              | 1            | - 1          |
| Anguilla<br>Antigua and Barbuda                |             |             |             |             |              |              |              |              |              |              |              |              |
| Argentina                                      | 53          | 40          | 35          | 45          | 41           | 52           | 49           | 54           | 44           | 50           | 44           | 52           |
| Armenia<br>Aruba                               |             |             |             |             |              |              |              |              |              |              |              |              |
| Australia                                      | 224         | 220         | 263         | 313         | 308          | 293          | 324          | 389          | 442          | 442          | 415          | 470          |
| Austria  | 229         | 232         | 273         | 286         | 337          | 333          | 369          | 359          | 398          | 413          | 370          | 401          |
| Azerbaijan<br>Bahamas                          |             |             |             |             |              |              |              | 15           | 11           | 13           |              | 12           |
| Bahrain  |             |             |             |             |              |              |              |              |              |              |              |              |
| Bangladesh<br>Barbados                         |             |             |             |             |              |              |              |              |              |              |              |              |
| Belarus  | 000         | 000         | 040         | 004         | 077          | 000          | 007          | 40.4         | 445          | 400          | 445          | 000          |
| Belgium<br>Belize                              | 286         | 303         | 319         | 384         | 377          | 330          | 387          | 404          | 445          | 408          | 445          | 398          |
| Benin  | _           |             |             | _           |              |              |              |              |              | _            |              |              |
| Bermuda<br>Bolivia                             | 2<br>1      | 2           | 1           | 2<br>1      | 1<br>1       | 1<br>1       | 2            | 1            | 1            | 2<br>6       | 5<br>3       | 6            |
| Bosnia and Herzegovina                         |             |             |             | ·           |              |              |              |              |              |              |              |              |
| Brazil<br>British West Indies                  | 33<br>2     | 35<br>2     | 30<br>6     | 29<br>3     | 22<br>9      | 30<br>14     | 51<br>1      | 46<br>16     | 43           | 44           | 64<br>20     | 51           |
| British Virgin Islands                         | 2           | 2           | 3           | 3           | 9            | ,4           | ,            | ,0           |              |              | 20           |              |
| Brunei<br>Bulgaria                             | 7           | 7           | 11          | 10          | 27           | 16           | 20           | 28           | 35           | 37           | 51           | 70           |
| Burkina Faso                                   | 7           | ,           | 111         | 10          | 21           | 10           | 20           | 20           | 33           | 37           |              |              |
| Burma<br>Cameroon                              |             |             |             |             | 1            |              |              |              |              |              | 1            | 2            |
| Canada   | 1,695       | 1,323       | 1,456       | 1,558       | 1,707        | 1,843        | 2,025        | 1,966        | 2,095        | 2,191        | 2,127        | 2,237        |
| Cayman Islands                                 |             |             |             | •           | •            |              |              |              |              |              |              |              |
| Ceylon<br>Central America                      | 2           | 1           |             |             |              |              |              |              |              | 2            | 2            |              |
| Chad   |             | <u>.</u>    |             |             | · ·          |              |              |              |              |              |              |              |
| Chile<br>China, Hong Kong SAR                  | 5<br>9      | 13<br>15    | 7           | 6           | 10<br>24     | 6<br>23      | 9<br>25      | 13           | 6<br>25      | 10<br>33     | 5<br>38      | 7<br>33      |
| China, Macau SAR                               | 3           | ,3          | ,           |             | 2.1          | 20           | 20           | .5           | 23           | - 55         | 50           |              |
| China, People's Republic of China, Republic of |             |             |             |             |              |              |              |              |              |              | 12           | 9            |
| Cocos Islands                                  |             |             |             |             |              |              |              |              |              |              |              |              |
| Colombia<br>Comoros                            | 5           | 6           | 6           | 1           | 9            | 4            |              | 10           | 4            | 14           | 10           | 15           |
| Congo  |             |             |             |             |              |              |              |              |              | 55           | 11           |              |
| Congo (Brazzaville)<br>Cook Islands            |             | 1           |             |             | 1            |              |              |              |              |              |              |              |
| Costa Rica                                     | 1           | 1           | 2           | 1           | 2            |              |              | 2            | 1            | 2            | 1            | 2            |
| Croatia<br>Cuba                                |             |             | 2           |             | 1            | 2            |              |              |              | 2            | 5            | 1            |
| Cyprus   | 1           |             | 2           |             | I            | 2            |              |              |              | 2            | э            | 2            |
| Czech Republic<br>Czechoslovakia               | 100         | 180         | 160         | 174         | 218          | 134          | 166          | 169          | 167          | 173          | 142          | 120          |
| Denmark  | 186<br>165  | 180<br>172  | 160         | 174         | 218<br>221   | 211          | 275          | 241          | 167<br>251   | 173<br>250   | 142<br>242   | 136<br>219   |
| Dominica                                       |             |             |             |             |              |              |              |              |              |              |              |              |
| Dominican Republic<br>Ecuador                  |             | 1           |             |             | 1            |              |              | 3            | 1<br>4       | 1<br>3       | 1<br>2       | 2<br>2       |
| Egypt  |             |             | -           |             |              |              | 1            | 6            | 2            | 6            | 3            |              |
| El Salvador (4)<br>Estonia                     |             |             | 5           |             | 3            |              |              |              | 1            | 4            | 3            | 4            |
| Ethiopia                                       |             | 1           |             |             | 2            | 1            |              |              |              |              |              |              |
| European Patent Office (5) Falkland Islands    |             |             |             |             |              |              |              |              |              |              |              |              |
| Fiji   |             |             |             |             |              |              |              |              |              |              |              |              |
| Finland<br>France                              | 44<br>2,238 | 52<br>2,174 | 73<br>2,385 | 94<br>2,522 | 103<br>2,821 | 125<br>2,625 | 154<br>2,987 | 159<br>3,122 | 176<br>3,197 | 178<br>3,157 | 173<br>3,048 | 184<br>3,005 |
| French Guiana                                  | ۷,۷۵۵       | 2,114       | 2,000       | 2,022       | ۷,021        | 2,020        | 2,307        | 0,122        | 5,197        | 5,157        | 3,040        | 3,003        |
| French Polynesia<br>Gabon                      |             |             |             |             |              |              |              |              |              |              |              |              |
| Georgia  |             |             |             |             |              |              |              |              |              |              |              |              |
| Germany, East                                  | E 700       | E E0.4      | E 724       | 6 455       | 7 405        | 7 700        | 7 770        | 18<br>7,782  | 8,603        | 8,897        | 13<br>8,258  | 26<br>8,343  |
| Germany, West<br>Germany                       | 5,728       | 5,504       | 5,734       | 6,455       | 7,405        | 7,798        | 7,772        | 1,182        | 0,003        | 0,897        | 0,∠58        | 0,343        |
| Ghana  |             |             |             |             |              |              |              |              |              |              |              |              |
| Gibraltar<br>Greece                            | 14          | 14          | 9           | 19          | 17           | 16           | 15           | 20           | 24           | 19           | 31           | 16           |
| Greenland                                      | • •         |             |             | . 0         |              | , ,          |              |              |              | .0           |              |              |
| Grenada<br>Guatemala                           | 5           | 1           | 1           |             | 2            | 2            | 1            | 1            | 2            | 4            | 3            | 6            |
| Guatemaia                                      | ၁           | 1           | ''          |             |              | 2            |              | '            | 4            | 4            | 3            | ام           |

| (6)                                   | (6)         | -         |                 |           | YE                 | AR OF APPL | ICATION FILI | NG           |              |              |              | I            |
|---------------------------------------|-------------|-----------|-----------------|-----------|--------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (2)<br>COUNTRY                        | (3)<br>1965 | 1966      | 1967            | 1968      | 1969               | 1970       | 1971         | 1972         | 1973         | 1974         | 1975         | 1976         |
| Guinea<br>Guyana                      |             |           |                 |           |                    |            |              |              |              |              |              | 1            |
| Haiti                                 |             | 2         | 2               | 1         | 1                  |            |              |              |              | 1            | 2            |              |
| Honduras<br>Hungary                   | 37          | 4<br>48   | 66              | 54        | 70                 | 2<br>80    | 88           | 103          | 113          | 3<br>108     | 1<br>144     | 3<br>133     |
| Iceland                               | 1           | 7         | 2               |           | 4                  | 2<br>21    |              |              | 1            | 8            | 2            | 7            |
| India<br>Indonesia                    | 10<br>1     | 25<br>1   | 32              | 13        | 30<br>3            | 21         | 22<br>1      | 21<br>1      | 24<br>1      | 43<br>13     | 32<br>5      | 39<br>6      |
| Iran                                  |             | 2         | 4               |           | 4                  | 1          | 4            | 2            | 4            | 6            | 4            | 3            |
| Iraq<br>Ireland                       |             | 30        | 27              | 29        | 44                 | 44         | 33           | 26           | 39           | 36           | 34           | 51           |
| Israel                                | 94<br>811   | 86<br>849 | 64<br>866       | 73<br>960 | 87<br>1 021        | 90         | 120<br>1,160 | 143<br>1,162 | 155<br>1,128 | 165<br>1,192 | 158<br>1,164 | 175<br>1,230 |
| Italy<br>Ivory Coast (Cote d'Ivoire)  | 011         | 049       | 000             | 960       | 1,031              | 1,105      | 1,100        | 1,102        | 1,120        | 1,192        | 1,104        | 1,230        |
| Jamaica<br>Japan                      | 2,263       | 2,479     | 4<br>3,354      | 4,051     | 5,430              | 6,093      | 7,418        | 6,831        | 8,565        | 4<br>9,163   | 3<br>8,566   | 9,365        |
| Jordan                                | 2,203       | 2,413     | 5,554           | 4,031     | 3, <del>4</del> 30 | 0,093      | 7,410        | 0,031        | 0,303        | 9,103        | 0,300        | 9,303        |
| Kazakhstan<br>Kenya                   |             | 1         | 4               |           | 1                  | 2          |              |              | 5            | 2            | 2            |              |
| Korea                                 | 1           | 5         | 2               | 4         | 11                 | 13         | 4            | 19           | 13           | 2            | 2            |              |
| Korea, North<br>Korea, South          |             |           |                 |           |                    |            |              |              |              | 22           | 20           | 27           |
| Kuwait                                |             |           |                 |           | 1                  |            |              |              |              | 2            | 20           | 21           |
| Kyrgyzstan<br>Latvia                  |             |           |                 |           |                    |            |              |              |              |              |              |              |
| Lebanon                               |             | 6         | 3               |           | 6                  |            | 2            | 2            | 6            | 3            | 3            | 1            |
| Lesotho<br>Libya                      |             |           |                 |           |                    | 5          |              |              |              |              |              | 1            |
| Liberia                               | 1           |           |                 |           | 2                  |            |              |              |              |              | 1            | '            |
| Liechtenstein<br>Lithuania            | 24          | 18        | 13              | 13        | 27                 | 25         | 23           | 11           | 20           | 20           | 28           | 13           |
| Luxembourg                            | 7           | 5         |                 |           | 14                 | 16         | 11           | 14           | 26           | 21           | 17           | 23           |
| Macedonia<br>Madagascar               |             |           |                 |           |                    |            |              |              |              |              |              |              |
| Malagasy                              |             |           |                 |           |                    |            |              |              |              |              |              | 1            |
| Malawi<br>Malaysia                    |             |           | 2               |           |                    | 2          | 1            |              | 2            | 4            | 10           | 8            |
| Mali                                  |             | 2         |                 |           | 1                  |            |              |              |              |              |              |              |
| Malta<br>Marshall Islands             |             |           |                 |           |                    | 1          |              |              |              |              |              |              |
| Martinique                            |             |           |                 |           |                    |            |              |              |              |              |              |              |
| Mauritania<br>Mauritius               |             |           |                 |           |                    |            |              |              |              | 2            |              |              |
| Mexico<br>Moldova                     | 83          | 97        | 78              | 177       | 74                 | 73         | 87           | 98           | 130          | 108          | 127          | 110          |
| Monaco                                | 3           | 5         | 2               | 1         | 7                  | 2          |              | 4            | 12           | 4            | 10           | 10           |
| Mongolia<br>Montserrat                |             |           |                 |           |                    |            |              |              |              |              |              |              |
| Morocco                               | 5           | 4         | 1               |           |                    | 1          |              |              | 2            | 2            | 3            | 2            |
| Mozambique<br>Myanmar                 |             |           |                 |           |                    |            |              |              |              |              |              |              |
| Namibia                               |             |           |                 |           |                    |            |              |              |              |              |              |              |
| Nauru<br>Nepal                        |             |           |                 |           |                    |            |              |              |              |              |              |              |
| Netherlands                           | 690         | 652       | 711             | 790       | 899                | 886        | 1,017        | 916          | 1,047        | 985          | 1,040        | 990          |
| Netherlands Antilles<br>New Caledonia |             |           |                 |           |                    |            |              |              |              |              |              |              |
| (Papua) New Guinea                    |             |           | 1               |           |                    |            |              |              |              |              |              |              |
| New Hebrides<br>New Zealand           | 27          | 20        | 22              | 22        | 34                 | 38         | 54           | 49           | 56           | 66           | 62           | 86           |
| Nicaragua                             | 2           | 1         |                 |           |                    | 2          |              |              |              | 4            | 1            | 2            |
| Niger<br>Nigeria                      | 1           | 1         | 1               |           | 2                  |            |              |              |              | 4            | 3            | 4            |
| Niue<br>Norfolk Island                |             |           |                 |           |                    |            |              |              |              |              |              |              |
| Norway                                | 96          | 63        | 90              | 95        | 107                | 130        | 146          | 115          | 131          | 156          | 156          | 137          |
| Oman<br>Pakistan                      | 2           | 1         |                 | 1         |                    | 2          |              |              | 1            | 3            | 1            |              |
| Palau                                 |             | 1         |                 |           |                    |            |              |              |              |              |              |              |
| Panama<br>Paraguay                    | 1           |           |                 |           | 4                  | 4          |              | 3            | 5            | 5<br>1       | 3            | 2            |
| Peru                                  | 16          | 4         | 7               | 7         | 2<br>7             | 4          | 5            | 5            | 9            | 7            | 7            | 8            |
| Philippines<br>Poland                 | 2<br>27     | 12<br>50  | 4<br>48         | 9<br>55   | 13<br>59           | 17<br>45   | 12<br>51     | 8<br>35      | 11<br>50     | 11<br>61     | 17<br>47     | 22<br>59     |
| Portugal                              | 18          | 11        | 12              | 15        | 13                 | 10         |              |              | 10           | 12           | 10           |              |
| Qatar<br>Reunion                      |             |           |                 |           |                    |            |              |              |              |              |              |              |
| Rhodesia, South                       | 1           |           |                 |           |                    |            |              |              |              |              |              |              |
| Rhodesia<br>Romania                   | 15          | 3<br>15   | 3<br>45         | 1<br>53   | 2<br>59            | 4<br>45    | 53           | 65           | 3<br>29      |              | 6<br>29      |              |
| rtomana                               | 10          | 13        | <del>-</del> -0 | 33        | 39                 | 40         | 1 33         | 1 00         | 29           | 42           | 29           | 20           |

|                                  |             |        |        |        | YE     | AR OF APPL | ICATION FILI | NG     |         |         |         |         |
|----------------------------------|-------------|--------|--------|--------|--------|------------|--------------|--------|---------|---------|---------|---------|
| (2)<br>COUNTRY                   | (3)<br>1965 | 1966   | 1967   | 1968   | 1969   | 1970       | 1971         | 1972   | 1973    | 1974    | 1975    | 1976    |
| Russian Federation               | 1903        | 1900   | 1907   | 1900   | 1909   | 1970       | 1971         | 1972   | 1973    | 1974    | 1975    | 1970    |
| Samoa                            |             |        |        |        |        |            |              |        |         |         | _       |         |
| San Marino                       |             |        |        |        |        |            |              |        |         |         |         |         |
| Saudi Arabia                     |             | 3      | 4      | 1      | 5      |            |              |        | 6       | 2       |         | 3       |
| Senegal                          |             |        |        |        | 5      |            |              |        |         |         | 1       | 0       |
| Serbia<br>Serbia & Montenegro    |             |        |        |        |        |            |              |        |         |         |         |         |
| Seychelles                       |             |        |        |        |        |            |              |        |         |         |         |         |
| Sierra Leone                     |             |        |        |        |        |            |              |        |         |         |         |         |
| Singapore                        |             | 4      |        |        | 2      |            | 5            | 6      | 4       | 3       | 5       | 7       |
| Slovakia                         |             |        |        |        |        |            |              |        |         |         |         |         |
| Slovenia                         |             |        |        |        |        |            |              |        |         |         |         |         |
| Solomon Islands<br>South Africa  | 99          | 83     | 101    | 102    | 115    | 98         | 149          | 145    | 165     | 152     | 179     | 149     |
| South Georgia                    | 99          | 63     | 101    | 102    | 113    | 90         | 149          | 145    | 103     | 152     | 179     | 149     |
| South-West Africa                |             |        |        |        | 15     |            |              |        |         | 6       | 7       |         |
| Spain                            | 93          | 116    | 106    | 133    | 145    | 123        | 156          | 138    | 204     | 175     | 182     | 172     |
| Sri Lanka                        |             |        |        |        |        |            |              | 2      |         |         |         | 1       |
| St. Kitts/Nevis                  |             |        |        |        |        |            |              |        |         |         |         |         |
| St. Lucia St. Vincent/Grenadines |             |        |        |        |        |            |              |        |         |         |         |         |
| Sudan                            | 1           |        |        |        | 2      |            |              |        | 1       |         | 1       | 1       |
| Suriname                         | -           |        |        |        | _      |            |              |        | -       |         | -       | -       |
| Swaziland                        |             |        |        |        |        |            |              |        |         |         |         |         |
| Sweden                           | 833         | 858    | 825    | 941    | 1,070  | 957        | 1,148        | 1,078  | 1,335   | 1,357   | 1,359   | 1,251   |
| Switzerland<br>Syria             | 1,377       | 1,399  | 1,513  | 1,551  | 1,698  | 1,770      | 1,848        | 1,963  | 2,076   | 2,057   | 2,131   | 2,053   |
| Taiwan                           | 8           | 16     | 13     | 3      | 19     | 27         | 28           | 40     | 66      | 102     | 113     | 127     |
| Tanzania                         | Ü           | 10     | 1      | Ü      | 2      | 1          | 20           | 10     | 00      | 102     | 110     | .27     |
| Thailand                         | 1           |        |        | 1      | 3      |            | 14           |        | 2       | 2       |         |         |
| Trinidad & Tobago                |             |        |        |        | 1      |            | 2            | 3      | 1       | 2       |         | 8       |
| Tunisia<br>Turkey                | 5           | 4      | 3      | 1      | 6      | 5          | 3            | 3      | 4       | 6       | 1       | 2<br>9  |
| Turks and Caicos Islands         | 5           | 4      | 3      |        | б      | 5          | 3            | 3      | 4       | О       | 3       | 9       |
| Uganda                           |             |        | 1      |        | 2      | 1          |              |        |         | 1       |         |         |
| Ukraine                          |             |        |        |        |        |            |              |        |         |         |         |         |
| United Arab Emirates             |             |        |        |        |        |            |              |        |         |         |         |         |
| United Arab Rep.                 | 2           | 1 220  | 4.507  | 17     | E 040  | 4 740      | 4.704        | 4.044  | 4.044   | F 400   | 4.500   | 4.500   |
| United Kingdom<br>Upper Volta    | 4,479       | 4,238  | 4,597  | 4,660  | 5,216  | 4,746      | 4,734        | 4,811  | 4,914   | 5,109   | 4,568   | 4,529   |
| USSR                             | 215         | 112    | 427    | 329    | 438    | 445        | 578          | 653    | 752     | 728     | 696     | 675     |
| Uruguay                          | 1           | 1      | 2      | 1      | 7      | 3          | 5            | 2      | 1       | 1       | 4       | 1       |
| Uzbekistan                       |             |        |        |        |        |            |              |        |         |         |         |         |
| Vatican City Venezuela           | 12          | 15     | 9      | 6      | 14     | 11         | 5            | 19     | 18      | 11      | 19      | 26      |
| Viet Nam                         | 12          | 15     | 9      | 1      | 14     | 11         | 5            | 19     | 18      | 11      | 19      | 26      |
| Viet Nam, South                  |             |        |        |        |        |            |              | 2      |         | 1       | 1       |         |
| West Africa                      |             |        | 1      |        |        |            |              |        |         |         |         |         |
| West Bank / Gaza                 |             |        |        |        |        |            |              |        |         |         |         |         |
| Yemen                            | 10          | 7      | 47     | 17     | 40     | 4.4        | 10           | 20     | 47      | 45      | 40      | 4-7     |
| Yugoslavia<br>Zaire              | 10          | 7      | 17     | 17     | 12     | 14         | 10           | 20     | 17      | 15      | 16      | 17      |
| Zambia                           |             |        | 3      |        | 3      | 3          |              | 2      | 1       |         |         |         |
| Zimbabwe                         |             |        |        |        |        |            |              |        |         |         |         |         |
| Other Foreign                    | 0           | 0      | 0      | 0      | 0      | 0          | 0            | 0      | 0       | 0       | 0       | 0       |
| Total Foreign                    | 22,312      | 21,670 | 24,046 | 26,291 | 30,507 | 30,832     | 33,640       | 33,355 | 37,144  | 38,445  | 36,569  | 37,294  |
| U.S.                             | 72,317      | 66,855 | 61,651 | 67,180 | 68,243 | 72,343     | 71,089       | 65,943 | 66,935  | 64,093  | 64,445  | 65,050  |
| TOTAL                            | 94,629      | 88,525 | 85,697 | 93,471 | 98,750 | 103,175    | 104,729      | 99,298 | 104,079 | 102,538 | 101,014 | 102,344 |

<sup>(1)</sup> Country of origin is based on the residence of the first-named inventor.

<sup>(2)</sup> Country names that appear in this table do not imply any expression of opinion by USPTO about the preferred name or the legal status of any country or territory, or of its authorities.

<sup>(3)</sup> Data for 1965 through 1974 also include reissue applications.

<sup>(4)</sup>The USPTO submission to WIPO in 1975 reported two additional applications from "San Salvador" that are not included in this table. However, the total number of applications shown in this table for 1975 is consistent with the figure reported to WIPO.

<sup>(5)</sup> Applications from the European Patent Office were not reported separately to WIPO after 1987. Applications from the EPO were distributed according to the country of residence of the first-named inventor after 1987.

|  |                |                     |                |                     | YE             | AR OF APPLI       | CATION FILI       | NG                  |                     |                     |                     |              |
|--|----------------|---------------------|----------------|---------------------|----------------|-------------------|-------------------|---------------------|---------------------|---------------------|---------------------|--------------|
| (2)<br>COUNTRY   | 1977           | 1978                | 1979           | 1980                | 1981           | 1982              | 1983              | 1984                | 1985                | 1986                | 1987                | 1988         |
| Afghanistan<br>Albania<br>Algeria<br>Andorra<br>Anguilla<br>Antigua and Barbuda            | 1              | 1                   |                |                     | 1              |                   | 1                 |                     |                     | 1                   | 1                   | 1            |
| Argentina<br>Armenia<br>Aruba  | 51             | 61                  | 62             | 56                  | 55             | 35                | 35                | 40                  | 39                  | 56                  | 42                  | 32           |
| Australia<br>Austria<br>Azerbaijan   | 424<br>402     | 528<br>432          | 579<br>447     | 517<br>410          | 597<br>449     | 630<br>418        | 603<br>421        | 696<br>447          | 739<br>498          | 809<br>557          | 842<br>504          |              |
| Bahamas<br>Bahrain<br>Bangladesh<br>Barbados<br>Belarus                                    | 17             | 13                  | 10<br>1<br>1   | 7                   | 4              | 9                 | 2                 | 4                   | 3                   | 3                   | 4                   | 10<br>2      |
| Belgium<br>Belize<br>Benin   | 387            | 408                 | 373            | 388                 | 391            | 356               | 390               | 428                 | 450                 | 523                 | 518                 | 545          |
| Bermuda<br>Bolivia<br>Bosnia and Herzegovina<br>Brazil                                     | 3<br>6<br>51   | 1<br>3<br>72        | 4<br>2<br>72   | 2<br>2<br>53        | 1<br>1<br>66   | 1<br>1<br>70      | 4<br>1<br>57      | 7<br>2<br>62        | 3<br>2<br>78        | 7<br>2<br>68        | 62                  |              |
| British West Indies<br>British Virgin Islands  | 0.             |                     |                | 00                  | 1              | 1                 | 5.                | 1                   | 1                   | 50                  | <u> </u>            |              |
| Brunei<br>Bulgaria<br>Burkina Faso<br>Burma  | 40<br>1        | 48<br>1             | 36             | 40                  | 1<br>30        | 37                | 39                | 1<br>22             | 40<br>1             | 41                  | 32<br>1             | 42           |
| Cameroon Canada Cayman Islands Ceylon Central America Chad                                 | 2,192          | 2,050               | 2,061          | 1,969               | 2,202          | 2,138<br>1        | 1,995             | 2,273               | 2,270               | 2,438<br>2          | 2,791<br>1          | 3,046<br>3   |
| Chile China, Hong Kong SAR China, Macau SAR China, People's Republic of China, Republic of | 7<br>56<br>9   | 8<br>45<br>6        | 7<br>39<br>15  | 8<br>56<br>7        | 11<br>38<br>10 | 6<br>55<br>5      | 3<br>44<br>12     | 11<br>46<br>18      | 7<br>56<br>24       | 16<br>66<br>112     | 2<br>82<br>83       |              |
| Cocos Islands Colombia Comoros Congo Congo (Brazzaville) Cook Islands                      | 19<br>2        | 6                   | 6              | 9                   | 6              | 10                | 6                 | 4                   | 6                   | 5                   | 6                   | 1<br>3       |
| Costa Rica<br>Croatia<br>Cuba<br>Cyprus<br>Czech Republic                                  | 6<br>3<br>1    | 4<br>1              | 7<br>3<br>1    | 6<br>2<br>1         | 1              | 2<br>2<br>1       | 1                 | 2<br>1<br>1         | 5<br>3<br>1         | 2                   | 1<br>1<br>4         | 3<br>2<br>3  |
| Czechoslovakia<br>Denmark<br>Dominica<br>Dominican Republic<br>Ecuador                     | 92<br>250<br>4 | 88<br>287<br>1<br>4 | 80<br>223<br>2 | 90<br>217<br>3<br>2 | 82<br>243<br>1 | 77<br>277<br>2    | 74<br>280         | 84<br>278<br>2<br>1 | 68<br>282<br>1<br>3 | 63<br>302<br>3<br>1 | 50<br>316<br>4<br>2 | 337<br>1     |
| Egypt El Salvador (4) Estonia Ethiopia European Patent Office (5) Falkland Islands         | 2 4            | 5 2                 | 5              | 3 1                 | 1              | 3<br>1            | 1                 | 1                   | 2                   | 3 1 2               | 4                   | 2            |
| Fiji<br>Finland<br>France<br>French Guiana<br>French Polynesia<br>Gabon                    | 203<br>3,007   | 228<br>3,257        | 231<br>3,127   | 258<br>3,331        | 275<br>3,237   | 300<br>3,336<br>1 | 346<br>3,213<br>3 | 363<br>3,507        | 399<br>3,605        | 350<br>3,884        | 430<br>3,837        | 417<br>4,301 |
| Georgia Germany, East Germany, West Germany Ghana  | 39<br>8,903    | 41<br>9,262         | 134<br>9,261   | 96<br>9,669         | 96<br>9,924    | 107<br>10,002     | 58<br>8,901       | 74<br>9,755         | 80<br>10,452        | 77<br>10,648        | 47<br>10,783        | 61<br>10,957 |
| Gibraltar<br>Greece<br>Greenland<br>Grenada<br>Guatemala                                   | 21<br>3        | 22<br>2             | 13<br>4        | 22<br>2             | 22<br>3        | 21<br>4           | 11                | 20<br>1<br>1<br>1   | 15<br>2             |                     | 21<br>3             | 29<br>2      |

| _                                    |              |              |              |              | YE           | AR OF APPL   | ICATION FILI | NG           |              |              |              |              |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (2)<br>COUNTRY                       | 1977         | 1978         | 1979         | 1980         | 1981         | 1982         | 1983         | 1984         | 1985         | 1986         | 1987         | 1988         |
| Guinea<br>Guyana                     |              |              |              |              |              | 1            |              | 1            |              |              |              |              |
| Haiti                                | 3            | 3            | 2            |              | 2            | 2            |              | 1            | 2            | 2            | 2            | 1            |
| Honduras<br>Hungary                  | 132          | 136          | 1<br>175     | 194          | 1<br>212     | 2<br>225     |              | 207          | 1<br>208     | 209          | 1<br>174     | 3<br>172     |
| Iceland                              | 5            | 14           | 4            | 2            | 4            | 5            | 7            | 6            | 1            | 5            | 6            | 2            |
| India<br>Indonesia                   | 27<br>6      | 24<br>5      | 25<br>1      | 23<br>6      | 22<br>1      | 20<br>4      | 15<br>1      | 30<br>4      | 25<br>3      | 36<br>6      | 26<br>3      | 41<br>6      |
| Iran                                 | 15           | 9            | 2            | 2            | 3            | 1            | 4            | 2<br>5       | 7            | 2<br>1       | 6            | 4            |
| Iraq<br>Ireland                      | 55           | 42           | 40           | 43           | 63           | 48           | 47           | 5<br>56      | 75           | 83           | 91           | 3<br>103     |
| Israel                               | 206<br>1,224 | 202<br>1,328 | 235<br>1,480 | 253<br>1,501 | 317<br>1,384 | 316<br>1,500 | 307<br>1,411 | 376<br>1,636 | 377<br>1,628 | 427<br>1,799 | 503<br>1,822 | 490<br>1,943 |
| Italy<br>Ivory Coast (Cote d'Ivoire) | 1,224        | 1,320        | 1,460        | 1,501        | 1,364        | 1,500        | 1,411        | 1,030        | 1,020        | 1,799        | 1,022        | 1,943        |
| Jamaica<br>Japan                     | 6<br>9,674   | 4<br>10,189  | 1<br>11,185  | 1<br>12,951  | 14,009       | 2<br>16,068  | 2<br>15,998  | 2<br>18,473  | 21,431       | 2<br>22,895  | 24,516       | 1<br>28,357  |
| Jordan                               | 3,014        | 10,103       | 11,100       | 12,551       | 14,003       | 10,000       | 10,000       | 10,475       | 3            | 22,000       | 1            | 20,007       |
| Kazakhstan<br>Kenya                  | 2            | 2            | 1            |              |              |              | 1            | 1            |              |              |              |              |
| Korea                                | -            | -            |              |              |              |              |              |              |              |              |              |              |
| Korea, North<br>Korea, South         | 28           | 34           | 34           | 5<br>33      | 3<br>64      | 3<br>68      | 4<br>78      | 2<br>74      | 3<br>129     | 2<br>162     | 12<br>235    | 14<br>295    |
| Kuwait                               | 20           | 2            |              | 1            | 3            | - 30         | ,,,          | 3            | 5            | 4            | 5            | 2            |
| Kyrgyzstan<br>Latvia                 |              |              |              |              |              |              |              |              |              |              |              |              |
| Lebanon                              | 1            | 2            | 4            | 2            | 1            | 1            | 8            |              |              | 1            | 3            |              |
| Lesotho<br>Libya                     |              | 1            |              |              |              |              |              |              |              |              |              |              |
| Liberia                              | 4-           |              | 1            | 22           | 4.0          | 40           |              |              |              | 4-           | 4.0          |              |
| Liechtenstein<br>Lithuania           | 15           | 20           | 10           | 29           | 18           | 10           | 17           | 21           | 11           | 15           | 12           | 11           |
| Luxembourg<br>Macedonia              | 28           | 28           | 34           | 23           | 51           | 45           | 49           | 41           | 29           | 40           | 31           | 39           |
| Madagascar                           |              | 2            |              |              |              |              |              |              |              |              |              |              |
| Malagasy<br>Malawi                   | 1            |              | 1            |              |              |              |              |              |              |              |              |              |
| Malaysia                             | 3            | 2            | 1            | 5            | 5            | 4            | 2            | 6            | 8            | 4            | 6            | 6            |
| Mali<br>Malta                        | 1            |              | 1            |              |              | 1            | 1            |              |              |              |              | 1            |
| Marshall Islands                     |              |              |              |              | 1            |              | 1            |              |              |              |              |              |
| Martinique<br>Mauritania             |              | 2            | 1            |              |              |              |              |              |              |              |              |              |
| Mauritius                            | 0.0          |              | 1            |              | 0.0          |              |              |              | 0.1          | 1            | 1            |              |
| Mexico<br>Moldova                    | 89           | 92           | 82           | 77           | 99           | 70           | 73           | 77           | 81           | 69           | 70           | 74           |
| Monaco                               | 8            | 11           | 12           | 7            | 9            | 8            | 5            | 5            | 7            | 5            | 3            | 11           |
| Mongolia<br>Montserrat               |              |              |              |              |              |              |              |              |              |              |              |              |
| Morocco<br>Mozambique                | 3            | 1            |              | 2            | 2            | 1            | 3            | 2            |              | 3            |              | 1            |
| Myanmar                              |              |              |              |              |              |              |              |              |              |              |              |              |
| Namibia<br>Nauru                     |              |              | 3            | 1            |              |              |              |              |              |              |              |              |
| Nepal                                |              |              |              |              |              | 1            |              |              | 1            | 1            |              |              |
| Netherlands<br>Netherlands Antilles  | 1,026        | 1,028        | 983          | 1,025        | 1,077<br>1   | 1,077        | 1,087        | 1,179        | 1,221        | 1,269        | 1,334        | 1,512        |
| New Caledonia                        |              |              |              |              |              |              |              |              |              |              |              | 1            |
| (Papua) New Guinea<br>New Hebrides   |              |              |              | 3            | 1            |              |              |              |              |              |              |              |
| New Zealand                          | 100          | 99           | 94           | 119          | 119          | 87           | 101          | 128          | 121          | 135          | 132          | 110          |
| Nicaragua<br>Niger                   | 2            | 1            | 4            |              |              |              |              |              |              | 2            |              |              |
| Nigeria<br>Niue                      | 2            | 4            | 4            | 3<br>1       |              |              |              | 3            |              | 1            | 4            | 1            |
| Norfolk Island                       |              |              |              | •            |              |              |              | 1            | 3            |              | 1            |              |
| Norway<br>Oman                       | 165          | 172          | 152          | 104          | 133          | 152          | 108          | 153          | 160          | 177          | 185          | 159          |
| Pakistan                             |              | 1            |              | 4            | 1            | 4            |              | 2            | 1            | 1            | 3            | 2            |
| Palau<br>Panama                      | 3            | 3            | 1            | 2            | 1            |              | 2            | 4            | 1            | 2            | 1            |              |
| Paraguay                             | 1            |              | 1            | 1            | 1            | 1            |              | 1            |              | 1            | 1            |              |
| Peru<br>Philippines                  | 4<br>15      | 2<br>16      | 1<br>8       | 2<br>17      | 4<br>16      | 1<br>27      | 2<br>15      | 2<br>10      | 3<br>15      | 5<br>10      | 6<br>11      | 9<br>14      |
| Poland                               | 68           | 68           | 83           | 65           | 49           | 25           | 21           | 44           | 13           | 19           | 23           | 26           |
| Portugal<br>Qatar                    | 3            | 1            | 8            | 7            | 6            | 5            | 6            | 8            | 9            | 13           | 15           | 7            |
| Reunion                              |              | _            |              |              |              |              |              |              |              | 1            | 1            |              |
| Rhodesia, South<br>Rhodesia          | 2            | 3            |              | 3            | 1            |              |              |              |              |              |              |              |
| Romania                              | 22           | 30           | 17           | 9            | 13           | 8            | 7            | 6            | 4            | 2            | 3            |              |

|                                       |         |          |         |         | YE      | AR OF APPL | ICATION FILI                            | NG      |            |         |         |         |
|---------------------------------------|---------|----------|---------|---------|---------|------------|---|---------|------------|---------|---------|---------|
| (2)<br>COUNTRY                        | 1977    | 1978     | 1979    | 1980    | 1981    | 1982       | 1983                                    | 1984    | 1985       | 1986    | 1987    | 1988    |
| Russian Federation                    | 1161    | 1310     | פופו    | 1900    | 1901    | 1304       | 1903                                    | 1304    | 1900       | 1300    | 1001    | 1300    |
| Samoa                                 |         |          |         |         |         |            |   |         |            |         |         |         |
| San Marino                            |         |          | 1       |         |         |            |   |         |            |         |         |         |
| Saudi Arabia                          | 1       | 4        | 1       | 3       | 3       | 13         | 8                                       | 8       | 1          | 9       | 15      | 12      |
| Senegal                               | 1       | 2        | 2       |         |         | 1          | 1                                       |         |            |         |         |         |
| Serbia<br>Serbia & Montenegro         |         |          |         |         |         |            |   |         |            |         |         |         |
| Seychelles                            |         |          |         |         |         |            |   |         |            |         |         |         |
| Sierra Leone                          |         |          |         |         |         |            |   |         |            |         |         |         |
| Singapore                             | 7       | 6        | 9       | 6       | 5       | 6          | 11                                      | 9       | 19         | 17      | 17      | 17      |
| Slovakia                              |         |          |         |         |         |            |   |         |            |         |         |         |
| Slovenia                              |         |          |         |         |         |            |   |         |            |         |         |         |
| Solomon Islands                       |         |          |         |         |         |            |   |         |            |         |         | 1       |
| South Africa                          | 169     | 175      | 206     | 203     | 213     | 199        | 207                                     | 216     | 227        | 204     | 239     | 192     |
| South West Africa                     | 1       | 2        |         |         |         |            |   |         |            |         |         |         |
| South-West Africa<br>Spain            | 152     | 2<br>144 | 163     | 142     | 147     | 159        | 157                                     | 196     | 207        | 225     | 228     | 231     |
| Sri Lanka                             | 1 1     | 174      | 103     | 142     | 17/     | 139        | 137                                     | 190     | 201        | 223     | 220     | 231     |
| St. Kitts/Nevis                       | '       |          |         |         |         |            |   |         |            | 2       |         |         |
| St. Lucia                             |         |          |         |         |         |            |   |         |            |         |         |         |
| St. Vincent/Grenadines                |         |          |         |         |         |            |   |         |            |         |         |         |
| Sudan                                 |         | 2        |         |         |         |            | 011111111111111111111111111111111111111 |         |            |         |         |         |
| Suriname                              |         |          |         |         |         |            |   |         |            |         |         |         |
| Swaziland                             |         |          | 2       | 1       |         |            |   |         |            |         | 1       |         |
| Sweden                                | 1,253   | 1,221    | 1,137   | 1,207   | 1,191   | 1,144      | 1,181                                   | 1,306   | 1,239      | 1,229   | 1,155   | 1,028   |
| Switzerland                           | 1,964   | 2,056    | 1,836   | 1,975   | 1,828   | 1,820      | 1,716                                   | 1,808   | 1,894<br>2 | 1,929   | 1,857   | 1,993   |
| Syria<br>Taiwan                       | 174     | 243      | 262     | 367     | 394     | 509        | 530                                     | 601     | 760        | 959     | 1,182   | 1,246   |
| Tanzania                              | 174     | 243      | 202     | 307     | 1       | 509        | 530                                     | 001     | 700        | 308     | 1,102   | 1,240   |
| Thailand                              | 1       | 4        | 3       | 1       | 5       | 3          | 5                                       | 4       | 5          | 7       | 8       | 4       |
| Trinidad & Tobago                     | 7       | 3        | 4       | '       | 1       | 3          | 1                                       | 2       | 1          | 2       | 6       | 5       |
| Tunisia                               | 1       | 4        | 3       | 3       | 2       | 1          | 1                                       |         |            |         | 1       | 1       |
| Turkey                                | 2       | 3        | 6       | 3       | 2       | 8          | 1                                       | 6       | 11         | 4       | 5       | 7       |
| Turks and Caicos Islands              |         |          |         |         |         |            |   |         |            |         |         |         |
| Uganda                                |         |          |         |         |         |            |   |         |            |         | 6       |         |
| Ukraine                               |         |          |         |         |         |            | 0                                       |         |            |         |         | 0       |
| United Arab Emirates United Arab Rep. |         |          |         |         |         |            | 2                                       |         |            | 1       |         | 2       |
| United Kingdom                        | 4,533   | 4,468    | 4,270   | 4,178   | 4,294   | 4,351      | 4,138                                   | 4,370   | 3,825      | 4,641   | 4,898   | 4,788   |
| Upper Volta                           | ,       | , - ]    | , 1     | , ,     | , -     | ,          | ,                                       |         | ,          | ,       | ,       | ,       |
| USSR                                  | 610     | 623      | 494     | 338     | 417     | 331        | 194                                     | 146     | 145        | 158     | 174     | 216     |
| Uruguay                               | 3       | 1        | 2       | 2       | 3       | 3          | 4                                       |         | 2          | 1       |         | 4       |
| Uzbekistan                            |         |          |         |         |         |            |   |         |            |         |         |         |
| Vatican City                          | 40      | 40       | 20      | QF.     | 22      | 00         | 00                                      | 20      | 40         | 40      | ,,,     | 20      |
| Venezuela<br>Viet Nam                 | 16      | 19       | 20      | 25      | 23      | 26         | 23                                      | 28      | 40         | 49      | 41      | 30      |
| Viet Nam, South                       |         |          |         | I       |         |            |   |         |            |         |         |         |
| West Africa                           |         |          |         |         |         |            |   |         |            |         |         |         |
| West Bank / Gaza                      |         |          |         |         |         |            |   |         |            |         |         |         |
| Yemen                                 |         |          |         |         |         |            |   |         |            |         |         |         |
| Yugoslavia                            | 21      | 25       | 34      | 21      | 28      | 24         | 20                                      | 11      | 22         | 28      | 35      | 35      |
| Zaire                                 |         |          |         |         |         |            |   |         |            |         | 1       |         |
| Zambia                                |         |          |         |         |         | 2          | 2                                       |         | _          | 1       |         |         |
| Zimbabwe                              |         |          |         |         |         |            |   |         | 6          | 1       | 4       | 2       |
| Other Foreign                         | 0       | o        | 0       | 0       | 0       | 0          | 0                                       | 0       | 0          | 1       | 3       | 2       |
| Total Foreign                         | 38,068  | 39,475   | 39,959  | 42,231  | 44,009  | 46,309     | 44,313                                  | 49,443  | 53,132     | 56,946  | 59,602  | 64,633  |
| U.S.                                  | 62,863  | 61,441   | 60,535  | 62,098  | 62,404  | 63,316     | 59,390                                  | 61,841  | 63,874     | 65,487  | 68,315  | 75,192  |
| TOTAL                                 | 100,931 | 100,916  | 100,494 | 104,329 | 106,413 | 109,625    | 103,703                                 | 111,284 | 117,006    | 122,433 | 127,917 | 139,825 |

<sup>(1)</sup> Country of origin is based on the residence of the first-named inventor.

<sup>(2)</sup> Country names that appear in this table do not imply any expression of opinion by USPTO about the preferred name or the legal status of any country or territory, or of its authorities.

<sup>(3)</sup> Data for 1965 through 1974 also include reissue applications.

<sup>(4)</sup>The USPTO submission to WIPO in 1975 reported two additional applications from "San Salvador" that are not included in this table. However, the total number of applications shown in this table for 1975 is consistent with the figure reported to WIPO.

<sup>(5)</sup> Applications from the European Patent Office were not reported separately to WIPO after 1987. Applications from the EPO were distributed according to the country of residence of the first-named inventor after 1987.

|  |              |              |        |         | YE/      | AR OF APPLI | ICATION FILI | NG       |          |          |            |          |
|--|--------------|--------------|--------|---------|----------|-------------|--------------|----------|----------|----------|------------|----------|
| (2)<br>COUNTRY                           | 1989         | 1990         | 1991   | 1992    | 1993     | 1994        | 1995         | 1996     | 1997     | 1998     | 1999       | 2000     |
| Afghanistan                              |              |              |        |         |          |             |              | 1        |          |          |            |          |
| Albania<br>Algeria                       |              | 1            | 1      | 1       |          |             |              |          | 1        | 2<br>1   |            | 1        |
| Andorra                                  |              |              |        |         |          | 1           |              | 3        |          | 1        | į.         | 1        |
| Anguilla<br>Antigua and Barbuda          |              |              |        | 4       | 1        | 2           | 4            | 0        | 2        |          | 1          |          |
| Argentina                                | 32           | 56           | 59     | 59      | 56       | 75          |              | 78       | 77       | 119      | 96         | 137      |
| Armenia<br>Aruba                         |              |              |        | 1       |          |             | 1 3          | 1        | 1        | 1        |            | 4        |
| Australia                                | 800          | 811          | 783    | 863     | 781      | 921         | 1,007        | 1,057    | 1,006    | 1,420    | 1,462      | 1,800    |
| Austria                                  | 511          | 560          | 516    | 566     | 526      | 599<br>3    | 619<br>1     | 543<br>1 | 552      | 710<br>2 | 823<br>1   | 881<br>1 |
| Azerbaijan<br>Bahamas                    | 2            | 7            | 2      | 6       | 11       | ა<br>8      |              | 9        | 14       | 20       | 15         | 18       |
| Bahrain                                  |              |              |        |         |          |             | 1            |          | 1        | 1        | 2          | 4        |
| Bangladesh<br>Barbados                   |              | 1            |        |         |          | 1           | 1            | 1        | 2        | 1        | 1          | 1        |
| Belarus                                  |              |              |        | 4       | 8        | 5           |              | 9        | 3        | 5        | 10         | 7        |
| Belgium<br>Belize                        | 572<br>1     | 592          | 614    | 692     | 685      | 862         | 1,001        | 930      | 894      | 1,059    | 1,204      | 1,245    |
| Benin                                    | '            |              |        |         |          |             |              |          |          |          |            |          |
| Bermuda<br>Bolivia                       | 3            | 2            | 2      | 2       | 1        | 3<br>1      | 4 2          | 4        | 1        | 5<br>2   | 8<br>2     | 14       |
| Bosnia and Herzegovina                   |              |              |        |         |          |             |              | '        | '        | 1        | 1          | 1        |
| Brazil<br>British West Indies            | 111          | 88           | 124    | 112     | 105      | 156         | 115          | 145      | 134      | 165      | 186        | 220      |
| British Virgin Islands                   | 1            |              |        | 1       | 1        | 1           |              | 2        | 1        | 3        | 2          | 4        |
| Brunei                                   | 2            | 6.4          |        | _       | اء ا     |             |              | _        |          | 1        |            | 46       |
| Bulgaria<br>Burkina Faso                 | 30           | 31           | 11     | 7       | 3        | 4           | 6            | 5        | 4        | 3        | 11         | 18       |
| Burma                                    | 1            | 1            |        |         |          |             |              |          |          |          |            |          |
| Cameroon<br>Canada                       | 3,425        | 3,511        | 3,641  | 3,761   | 3,910    | 4,255       | 4,745        | 4,443    | 4,694    | 5,689    | 6,149      | 6,809    |
| Cayman Islands                           | 1            | 3,311        | 2      | 1       | 1        | 4,200       | 5            | 11       | 5        | 1        | 7          | 1        |
| Ceylon                                   |              |              |        |         |          |             |              |          |          |          |            |          |
| Central America<br>Chad                  |              |              |        |         |          |             |              |          |          |          |            |          |
| Chile                                    | 11           | 13           | 12     | 12      | 11       | 11          | 10           | 23       | 17       | 17       | 16         | 24       |
| China, Hong Kong SAR<br>China, Macau SAR | 108          | 86           | 132    | 150     | 155<br>2 | 219<br>2    | 163<br>1     | 222      | 207<br>1 | 274      | 403<br>1   | 473      |
| China, People's Republic of              | 112          | 111          | 126    | 129     | 135      | 100         | 144          | 142      | 117      | 181      | 257        | 469      |
| China, Republic of Cocos Islands         |              |              |        |         |          |             |              |          |          |          |            |          |
| Colombia                                 | 5            | 10           | 5      | 13      | 3        | 18          | 19           | 10       | 6        | 12       | 20         | 21       |
| Comoros<br>Congo                         |              |              | 1      |         |          |             |              |          |          |          |            |          |
| Congo (Brazzaville)                      |              |              |        |         |          |             |              |          |          |          |            |          |
| Cook Islands<br>Costa Rica               | 1            | 4            | 2      | 1       | 8        | 1<br>12     | 7            | 4        | 6        | 13       | 8          | 16       |
| Croatia                                  |              | 4            | 2      |         | 6        | 9           |              | 16       | 20       | 20       | 12         | 16<br>21 |
| Cuba                                     | 2            | 1            | 5      | 6       | 4        | 2           | _            | 5        | 4        | 6        | 9          | 15       |
| Cyprus<br>Czech Republic                 | 3            |              | 2      | 6       | 2<br>1   | 1<br>15     | 1<br>14      | 17       | 3<br>30  | 34       | 3<br>30    | 7<br>52  |
| Czechoslovakia                           | 71           | 39           | 32     | 41      | 26       | 13          | 22           | 13       | 10       | 19       | 16         |          |
| Denmark<br>Dominica                      | 284          | 370          | 358    | 378     | 376      | 445         | 618          | 496      | 634      | 748      | 863<br>1   | 859<br>1 |
| Dominican Republic                       | 1            | 1            | 1      | 1       | 1        | 2           |              | 1        | 3        | 4        |            | 3        |
| Ecuador<br>Egypt                         | 3<br>4       | 4            | 2      | 1<br>10 | 6<br>4   | 6           | 2 2          | 3<br>2   | 5<br>10  | 4<br>11  | 4<br>16    | 6        |
| El Salvador (4)                          | 4            | 3            | 4      | 10      | 4        |             | 2            | 2        | 1        |          | 1          | 20<br>2  |
| Estonia                                  |              |              |        |         | 2        | 2           |              | ,        | 2        | 3        | 6          | 4        |
| Ethiopia European Patent Office (5)      |              |              |        |         |          |             |              | 1        |          |          |            |          |
| Falkland Islands                         |              |              |        | 1       |          |             |              |          |          |          |            |          |
| Fiji<br>Finland                          | 513          | 595          | 592    | 576     | 568      | 707         | 745          | 836      | 891      | 970      | 3<br>1,376 | 1,530    |
| France                                   | 4,268        | 4,771        | 4,723  | 4,828   | 4,320    | 4,528       | 5,001        | 4,486    | 4,759    | 5,249    | 6,216      | 6,623    |
| French Guiana<br>French Polynesia        |              |              |        |         |          | 1           |              | 1        |          |          |            | 2        |
| Gabon                                    |              |              | 1      |         |          | 1           |              | '        |          |          |            | 2        |
| Georgia                                  | F.A          | 24           |        |         |          | 2           | 6            | 3        |          | 2        | 1          | 1        |
| Germany, East<br>Germany, West           | 51<br>11,386 | 31<br>11,261 |        |         |          |             |              |          |          |          |            |          |
| Germany                                  |              | ·            | 10,874 | 11,652  | 10,500   | 11,324      | 11,853       | 11,550   | 12,333   | 13,885   | 16,978     | 17,715   |
| Ghana<br>Gibraltar                       |              |              |        |         | 1        |             |              |          | 2        |          | 1          |          |
| Greece                                   | 33           | 27           | 20     | 28      | 19       | 27          | 29           | 23       | 30       | 45       | 50         | 44       |
| Greenland<br>Grenada                     |              |              |        |         |          |             |              |          |          |          |            |          |
| Guatemala                                | 2            | 2            | 1      | 3       | 1        | 3           | 4            | 3        | 2        | 1        | 2          | 2        |
|  | Į.           | į            |        | - 1     | į        | - 1         | •            | 1        | Į.       | ı        | ı          | Ų        |

| (2)                                    | a                |            |            |            | YE         | AR OF APPL   | ICATION FILI | NG           |              |              |              |              |
|--|------------------|------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (2)<br>COUNTRY                         | 1989             | 1990       | 1991       | 1992       | 1993       | 1994         | 1995         | 1996         | 1997         | 1998         | 1999         | 2000         |
| Guinea<br>Guyana                       |                  | 1          | 1          | 1          |            |              |              |              | 1            |              |              |              |
| Haiti<br>Honduras                      |                  |            | 2          |            | 1          | 1            | 1 1          | 5            | 2            |              | 1            | 1            |
| Hungary                                | 174              | 138        | 103        | 76         | 69         | 76           | 70           | 59           | 40           | 73           | 120          | 107          |
| Iceland<br>India                       | 3<br>50          | 3<br>58    | 10<br>51   | 16<br>64   | 3<br>54    | 6<br>70      | 6<br>91      | 13<br>115    | 8<br>137     | 25<br>180    | 31<br>271    | 30<br>438    |
| Indonesia                              | 3                | 4          | 11         | 11         | 7          | 5            | 4            | 11           | 3            | 9            | 12           | 9            |
| Iran<br>Iraq                           | 7<br>3           | 4<br>1     | 5          | 2          | 7          | 6            | 5            | 1            | 1<br>1       | 1            | 3<br>1       | 2            |
| Ireland<br>Israel                      | 99<br><b>624</b> | 130<br>608 | 116<br>633 | 103<br>780 | 104<br>803 | 149<br>1,040 | 131<br>1,072 | 114<br>1,042 | 138<br>1,198 | 228<br>1,442 | 252<br>2,009 | 362<br>2,509 |
| Italy                                  | 1,964            | 2,093      | 2,123      | 2,288      | 1,906      | 1,998        |              | 2,062        | 2,119        | 2,313        | 2,577        | 2,704        |
| Ivory Coast (Cote d'Ivoire)<br>Jamaica |                  |            | 3          | 1          | 3          | 1            | 3            | 3            |              | 4            | 1<br>4       | 2            |
| Japan                                  | 31,791           | 34,113     | 36,846     | 38,633     | 34,816     | 37,768       | 39,872       | 39,510       | 41,767       | 45,260       | 47,821       | 52,891       |
| Jordan<br>Kazakhstan                   | 2                | 2          | 3          | 1          |            | 2<br>1       | 4            | 1            | 1            | 5            | 4            | 3            |
| Kenya<br>Korea                         |                  | 4          | 2          | 3          | 1          | 3            | 2            | 0            | 1            | 1            | 5            | 5            |
| Korea, North                           | 12               | 25         | 6          | 4          |            |              |              |              |              |              |              |              |
| Korea, South<br>Kuwait                 | 607<br>9         | 775<br>4   | 1,321<br>1 | 1,471<br>2 | 1,624<br>2 | 2,354<br>0   | 2,820<br>5   | 4,248<br>2   | 4,920<br>11  | 5,452<br>8   | 5,033<br>9   | 5,705<br>10  |
| Kyrgyzstan                             | J                |            | ,          | _          |            | Ü            | 1            |              |              | 1            | 1            |              |
| Latvia<br>Lebanon                      | 1                | 1          | 1          | 1          | 2          | 1            | 1            | 2 4          | 1            | 5<br>2       | 2<br>5       | 3<br>9       |
| Lesotho                                |                  | ì          | ·          |            |            |              |              | -            | 1            |              | -            |              |
| Libya<br>Liberia                       |                  |            |            |            |            |              |              |              | 1            |              |              |              |
| Liechtenstein<br>Lithuania             | 15               | 13         | 14         | 19         | 13<br>1    | 15<br>2      | 13<br>3      | 17           | 19<br>3      | 24<br>2      | 26<br>4      | 28<br>4      |
| Luxembourg                             | 35               | 32         | 36         | 39         | 35         | 39           | 20           | 31           | 32           | 36           | 59           | 57           |
| Macedonia<br>Madagascar                |                  |            |            |            |            |              | 1            |              |              | 1            | 1            | 3            |
| Malagasy                               |                  |            |            |            |            |              |              |              |              |              |              | _            |
| Malawi<br>Malaysia                     | 14               | 11         | 22         | 16         | 20         | 37           | 30           | 30           | 61           | 41           | 76           | 104          |
| Mali<br>Malta                          |                  | 1          | 1          | 3          | 2          | 1            | 1            | 1<br>3       |              | 3            |              | 3            |
| Marshall Islands                       |                  | '          | '          | 3          | 1          | '            | ·            | 1            |              | 3            |              | 3            |
| Martinique<br>Mauritania               |                  |            |            |            |            |              |              |              |              |              |              |              |
| Mauritius                              | 77               | 70         | 1          | 1          | 1          | 405          | 00           | 0.7          | 1            | 1            | 4.47         | 400          |
| Mexico<br>Moldova                      | 77               | 76         | 106        | 105        | 82         | 105<br>1     | 99           | 97           | 110          | 141          | 147          | 190<br>2     |
| Monaco<br>Mongolia                     | 3                | 4          | 3          | 8          | 6          | 3            | 6            | 12           | 10           | 13           | 21           | 26           |
| Montserrat                             |                  |            |            |            | 1          | 1            | 1            |              |              |              |              |              |
| Morocco<br>Mozambique                  |                  |            | 1          | 3          | 4          | 1            | 1            | 5            | 3            | 1            | 3            | 4            |
| Myanmar                                |                  |            |            |            |            | 4            |              | 1            |              |              |              |              |
| Namibia<br>Nauru                       |                  |            |            |            |            | 1            |              |              | 1            |              |              |              |
| Nepal<br>Netherlands                   | 1,570            | 1,588      | 1,397      | 1,547      | 1,472      | 1,455        | 1,570        | 1,559        | 1,726        | 1,816        | 2,058        | 2,289        |
| Netherlands Antilles                   | 1,570            | 1,500      | 1,587      | 1,047      | 1,472      | 1,435        | 1,570        | 1,559        | 1,720        | 1,010        | 2,036        | 2,209        |
| New Caledonia<br>(Papua) New Guinea    |                  |            |            |            |            |              |              |              |              | 1            |              |              |
| New Hebrides                           | 404              |            | 0.4        | 407        | 0.5        | 100          |              |              |              |              | 0.40         | 070          |
| New Zealand<br>Nicaragua               | 121              | 105        | 91<br>1    | 107        | 85<br>1    | 130          | 137<br>1     | 174          | 174<br>1     | 187          | 240          | 279          |
| Niger<br>Nigeria                       | 1                | 2          | 3          | 2          | 2          | 1            | 1            | 2            | 4            |              | 1            | 6            |
| Niue                                   | '                | 2          | 3          | 2          | 2          | '            | '            |              | 4            |              | <b>'</b>     |              |
| Norfolk Island<br>Norway               | 141              | 164        | 169        | 212        | 190        | 203          | 243          | 227          | 303          | 337          | 415          | 447          |
| Oman                                   |                  | 1          | 1          | 1          |            | _50          |              |              |              |              |              |              |
| Pakistan<br>Palau                      | 1                |            |            | 2          | 1          |              | 3            | 2            | 7            | 2            | 2            | 7            |
| Panama<br>Paraguay                     | 1                | 4          | 1          | 1          | 4          | 4            | 8            | 4            | 2 2          | 7<br>1       | 5<br>1       | 6            |
| Peru                                   | 7                | 7          | 1          | 4          | 5          | 6            |              |              | 3            | 6            | 5            | 5            |
| Philippines<br>Poland                  | 13<br>24         | 9<br>13    | 10<br>21   | 10<br>16   | 9<br>27    | 7<br>20      | 12<br>19     |              | 15<br>19     | 13<br>19     | 20<br>31     | 32<br>33     |
| Portugal                               | 9                | 6          | 3          | 11         | 9          | 14           | 10           |              | 12           | 17           | 28           | 17           |
| Qatar<br>Reunion                       |                  |            |            |            |            |              |              |              |              | 1            |              |              |
| Rhodesia, South<br>Rhodesia            |                  |            |            |            |            |              |              |              |              |              |              |              |
| Romania                                | 2                | 1          | 1          | 2          | 5          | 4            | 7            | 5            | 12           | 11           | 8            | 12           |

|                                 |         |         |          |         | YEA      | AR OF APPLI | CATION FILI     | NG      |            |         |         |            |
|---------------------------------|---------|---------|----------|---------|----------|-------------|-----------------|---------|------------|---------|---------|------------|
| (2)<br>COUNTRY                  | 1989    | 1990    | 1991     | 1992    | 1993     | 1994        | 1995            | 1996    | 1997       | 1998    | 1999    | 2000       |
| Russian Federation              | 1303    | 1990    | 1991     | 183     | 153      | 206         | 221             | 254     | 249        | 273     | 388     | 382        |
| Samoa                           |         |         |          |         |          |             |                 |         |            |         |         |            |
| San Marino                      |         |         |          |         | 1        |             |                 |         | 1          |         |         | 1          |
| Saudi Arabia                    | 12      | 8       | 12       | 11      | 17       | 23          | 24              | 19<br>1 | 17         | 26      | 11      | 28         |
| Senegal<br>Serbia               |         | 1       |          | Ţ       |          |             |                 | 1       |            |         |         |            |
| Serbia & Montenegro             |         |         |          |         |          |             |                 |         |            |         |         |            |
| Seychelles                      |         |         |          |         |          |             |                 |         |            |         |         |            |
| Sierra Leone                    |         |         |          |         |          |             | 1               |         |            |         |         |            |
| Singapore                       | 37      | 36      | 63       | 89      | 104      | 134         | 144             | 176     | 213<br>3   | 336     | 460     | 632<br>10  |
| Slovakia<br>Slovenia            |         |         |          | 8       | 19       | 13<br>11    | 7<br>13         | 2<br>19 | 24         | 6<br>29 | 5<br>21 | 27         |
| Solomon Islands                 | 1       |         |          | J       |          | 1           |                 |         | _ :        |         |         |            |
| South Africa                    | 215     | 185     | 186      | 207     | 246      | 238         | 187             | 189     | 174        | 211     | 179     | 209        |
| South Georgia                   |         |         |          |         |          |             | 1               |         |            |         |         |            |
| South-West Africa               | 302     | 289     | 258      | 313     | 269      | 315         | 357             | 359     | 370        | 409     | 464     | 549        |
| Spain<br>Sri Lanka              | 302     | 289     | ∠58<br>2 | 313     | ∠69<br>1 | 315         | <i>357</i><br>1 | 359     | 370<br>2   | 409     | 404     | 549<br>6   |
| St. Kitts/Nevis                 |         | J       |          |         | ']       | 1           | '               |         | 1          |         | 1       | 2          |
| St. Lucia                       |         |         |          |         |          |             |                 |         |            | 1       |         |            |
| St. Vincent/Grenadines          |         |         |          | 1       | 1        |             |                 |         |            |         |         |            |
| Sudan<br>Suriname               |         |         |          |         |          |             |                 |         | 1          |         | 1       |            |
| Swaziland                       |         | 1       |          | 1       | 1        |             | 6               | 9       | 11         |         |         |            |
| Sweden                          | 1,114   | 1,057   | 1,086    | 1,072   | 1,157    | 1,405       | 1,500           | 1,481   | 1,980      | 2,359   | 2,570   | 2,825      |
| Switzerland                     | 2,019   | 1,931   | 1,902    | 1,922   | 1,759    | 1,852       | 1,917           | 1,609   | 1,637      | 1,875   | 2,144   | 2,233      |
| Syria                           | 1 1     | 1 2 225 | 2.252    | 0.007   | 2.074    | 2.500       | 4,054           | 1 700   | T 400      | 2 440   | 6       | 0.040      |
| Taiwan<br>Tanzania              | 1,507   | 2,035   | 2,252    | 2,667   | 2,874    | 3,560       | 4,054           | 4,766   | 5,492<br>1 | 7,412   | 9,411   | 9,046<br>1 |
| Thailand                        | 3       | 8       | 4        | 11      | 15       | 19          | 21              | 20      | 21         | 26      | 41      | 92         |
| Trinidad & Tobago               |         | 2       | 1        | 1       | 3        | 2           | 1               |         | 1          |         | 2       | 5          |
| Tunisia                         | 1       | 1       | 0        | 2       | 0        | 1           | 0               | 7       | 40         | 10      | 1       | 00         |
| Turkey Turks and Caicos Islands | 3       | 6       | 3        | 2       | 3        | 5           | 6<br>1          | ′       | 10         | 16      | 29      | 28<br>3    |
| Uganda                          |         |         |          | 3       | 2        |             | 1               |         | 1          | 2       | 2       | J          |
| Ukraine                         |         |         |          | 4       | 16       | 14          | 17              | 18      | 24         | 28      | 22      | 40         |
| United Arab Emirates            | 4       | 3       | 1        | 2       |          | 2           | 2               | 2       | 3          | 3       | 4       | 7          |
| United Arab Rep. United Kingdom | 5,066   | 4,959   | 4,557    | 4,587   | 4,414    | 4,856       | 5,202           | 4,791   | 5,147      | 6,110   | 6,948   | 7,523      |
| Upper Volta                     | 3,000   | 4,555   | 7,007    | 4,507   | 7,717    | 4,000       | 5,202           | 7,701   | 5,147      | 0,170   | 0,040   | 7,020      |
| USSR                            | 291     | 304     | 177      |         | 54       | 21          | 11              | 9       | 2          | 1       | 1       |            |
| Uruguay                         | 5       | 5       | 2        | 3       | 8        | 6           | 6               | 1       | 4          | 1       | 3       | 4          |
| Uzbekistan<br>Vatican City      |         |         |          | 2       | 1        | 1<br>2      | 2               |         | 2          | 2       | 3       | 2          |
| Venezuela                       | 26      | 48      | 43       | 47      | 38       | 43          | 32              | 38      | 40         | 35      | 42      | 45         |
| Viet Nam                        |         |         |          |         |          | 1           |                 |         | 2          | 1       | 1       |            |
| Viet Nam, South                 |         |         |          |         |          |             |                 |         |            |         |         |            |
| West Africa<br>West Bank / Gaza |         |         |          |         |          |             |                 |         |            |         |         |            |
| Yemen                           |         |         |          |         | 1        |             | 1               | 1       |            |         |         |            |
| Yugoslavia                      | 39      | 34      | 30       | 28      | 10       | 6           | 8               | 3       | 7          | 7       | 4       | 6          |
| Zaire                           |         | 1       |          |         |          |             | 1               |         |            |         |         |            |
| Zambia<br>Zimbabwe              | 2       | 3       | 1        | 1       |          | 4           |                 |         | 1          | 1       | 2       |            |
| Lillbabwe                       |         | 3       | '        | '       |          | '           |                 |         | '          | '       | 2       |            |
| Other Foreign                   | 1       | 0       | 0        | 0       | 0        | 0           | 0               | 0       | 7          | 0       | 0       | 0          |
| Total Foreign                   | 70,380  | 73,915  | 76,351   | 80,650  | 74,788   | 82,624      | 88,419          | 88,295  | 94,812     | 107,579 | 120,362 | 131,131    |
| U.S.                            | 82,370  | 90,643  | 87,955   | 92,425  | 99,955   | 107,233     | 123,958         | 106,892 | 120,445    | 135,483 | 149,825 | 164,795    |
| TOTAL                           | 152,750 | 164,558 | 164,306  | 173,075 | 174,743  | 189,857     | 212,377         | 195,187 | 215,257    | 243,062 | 270,187 | 295,926    |

<sup>(1)</sup> Country of origin is based on the residence of the first-named inventor.

<sup>(2)</sup> Country names that appear in this table do not imply any expression of opinion by USPTO about the preferred name or the legal status of any country or territory, or of its authorities.

<sup>(3)</sup> Data for 1965 through 1974 also include reissue applications.

<sup>(4)</sup>The USPTO submission to WIPO in 1975 reported two additional applications from "San Salvador" that are not included in this table. However, the total number of applications shown in this table for 1975 is consistent with the figure reported to WIPO.

<sup>(5)</sup> Applications from the European Patent Office were not reported separately to WIPO after 1987. Applications from the EPO were distributed according to the country of residence of the first-named inventor after 1987.

|  |                |                |                |                | YE             | AR OF APPL     | ICATION FILI   | NG   |      |      |      |      |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|------|------|------|------|
| (2)<br>COUNTRY                                 | 2001           | 2002           | 2003           | 2004           | 2005           | 2006           | 2007           | 2008 | 2009 | 2010 | 2011 | 2012 |
| Afghanistan                                    |                |                |                |                | 1              |                |                |      |      |      |      |      |
| Albania<br>Algeria                             | 2              | 1              |                |                | 1              | 3              | 2              |      |      |      |      |      |
| Andorra<br>Anguilla                            | 2              | 3              | 3              | 1              | 2              | 2              |                |      |      |      |      |      |
| Antigua and Barbuda                            |                |                |                | 1              | 2              | 2              |                |      |      |      |      |      |
| Argentina<br>Armenia                           | 137<br>2       | 95<br>1        | 125            | 103            | 94<br>3        | 117<br>8       | 150<br>5       |      |      |      |      |      |
| Aruba  |                |                |                |                | 1              |                |                |      |      |      |      |      |
| Australia<br>Austria                           | 1,995<br>961   | 2,160<br>1,115 | 2,310<br>933   | 3,000<br>1,022 | 2,919<br>1,044 | 2,928<br>1,214 | 3,412<br>1,438 |      |      |      |      |      |
| Azerbaijan<br>Bahamas                          | 2<br>16        |                |                | 2              | 3              | 3              | 2              |      |      |      |      |      |
| Bahrain  | 16             | 20             | 23<br>1        | 21<br>1        | 15             | 13<br>1        | 1              |      |      |      |      |      |
| Bangladesh<br>Barbados                         | 4              | 1<br>2         | 1              | 10             | 1 6            | 3              | 1              |      |      |      |      |      |
| Belarus  | 10             | 5              | 8              | 11             | 4              | 15             | 14             |      |      |      |      |      |
| Belgium<br>Belize                              | 1,286          | 1,293          | 1,395          | 1,309          | 1,460          | 1,546          | 1,766<br>1     |      |      |      |      |      |
| Benin  |                |                |                |                | 1              | _              | ·              |      |      |      |      |      |
| Bermuda<br>Bolivia                             | 9              | 8<br>1         | 7<br>1         | 2<br>1         | 8              | 6<br>2         | 4<br>1         |      |      |      |      |      |
| Bosnia and Herzegovina                         | 040            |                |                | 2              | 1              |                | 3              |      |      |      |      |      |
| Brazil<br>British West Indies                  | 219            | 243            | 259            | 287            | 295            | 341            | 375            |      |      |      |      |      |
| British Virgin Islands<br>Brunei               | 8              | 6<br>2         | 11             | 12             | 6              | 7              | 10<br>1        |      |      |      |      |      |
| Bulgaria                                       | 13             | 8              | 10             | 105            | 58             | 47             | 55             |      |      |      |      |      |
| Burkina Faso<br>Burma                          |                |                |                |                |                |                | 1              |      |      |      |      |      |
| Cameroon                                       |                |                |                | 1              | 1              | 3              | 2              |      |      |      |      |      |
| Canada<br>Cayman Islands                       | 7,221<br>4     | 7,375<br>3     | 7,750<br>4     | 8,202<br>2     | 8,638<br>3     | 9,652<br>3     | 10,421<br>2    |      |      |      |      |      |
| Ceylon   |                | J              | ·              | _              | J              | · ·            | _              |      |      |      |      |      |
| Central America<br>Chad                        |                |                |                |                |                | 1              |                |      |      |      |      |      |
| Chile  | 23<br>626      | 38<br>681      | 33<br>729      | 51<br>815      | 55<br>816      | 76<br>889      | 68<br>1,053    |      |      |      |      |      |
| China, Hong Kong SAR<br>China, Macau SAR       | 4              | 3              | 6              | 3              | 4              | 1              | 2              |      |      |      |      |      |
| China, People's Republic of China, Republic of | 626            | 888            | 1,034          | 1,655          | 2,127          | 3,768          | 3,903          |      |      |      |      |      |
| Cocos Islands                                  |                |                |                |                |                |                |                |      |      |      |      |      |
| Colombia<br>Comoros                            | 29             | 16             | 20             | 20             | 11             | 21             | 23             |      |      |      |      |      |
| Congo  |                |                |                |                |                |                |                |      |      |      |      |      |
| Congo (Brazzaville)<br>Cook Islands            |                |                |                |                |                |                |                |      |      |      |      |      |
| Costa Rica<br>Croatia                          | 3<br>21        | 8<br>16        | 11<br>24       | 9<br>38        | 32<br>32       | 17<br>34       | 20<br>40       |      |      |      |      |      |
| Cuba   | 13             | 7              | 6              | 12             | 13             | 14             | 15             |      |      |      |      |      |
| Cyprus<br>Czech Republic                       | 4<br>77        | 3<br>58        | 10<br>61       | 9<br>69        | 11<br>81       | 13<br>115      | 6<br>133       |      |      |      |      |      |
| Czechoslovakia                                 |                |                |                |                |                |                |                |      |      |      |      |      |
| Denmark<br>Dominica                            | 1,113          | 1,065          | 1,002          | 923            | 997            | 1,165          | 1,284          |      |      |      |      |      |
| Dominican Republic<br>Ecuador                  | 1<br>5         | 4<br>8         | 5<br>11        | 5<br>5         | 5<br>6         | 6<br>10        | 9<br>6         |      |      |      |      |      |
| Egypt  | 16             | 11             | 12             | 19             | 19             | 20             | 30             |      |      |      |      |      |
| El Salvador (4)<br>Estonia                     | 3<br>10        | 1<br>6         | 7              | 1<br>9         | 17             | 13             | 2<br>26        |      |      |      |      |      |
| Ethiopia                                       | . 0            | J              |                | 1              | . ,            | 1              | 1              |      |      |      |      |      |
| European Patent Office (5)<br>Falkland Islands |                |                |                |                |                |                |                |      |      |      |      |      |
| Fiji   | 1 840          | 1 911          | 1 025          | 2 006          | 2 020          | 2 202          | 2 444          |      |      |      |      |      |
| Finland<br>France                              | 1,840<br>6,852 | 1,811<br>6,825 | 1,935<br>6,603 | 2,096<br>6,813 | 2,032<br>6,972 | 2,383<br>7,176 | 2,444<br>8,046 |      |      |      |      |      |
| French Guiana<br>French Polynesia              |                |                |                | 1              |                |                |                |      |      |      |      |      |
| Gabon  |                |                |                |                |                |                |                |      |      |      |      |      |
| Georgia<br>Germany, East                       | 6              | 3              | 5              | 7              | 8              | 12             | 12             |      |      |      |      |      |
| Germany, West                                  |                |                |                |                |                |                |                |      |      |      |      |      |
| Germany<br>Ghana                               | 19,900<br>1    | 20,418         | 18,890         | 19,824<br>1    | 20,664<br>4    | 22,369<br>1    | 23,608<br>3    |      |      |      |      |      |
| Gibraltar                                      | 4.5            | 1              | F0.            | 6              | 9              | 6              | 3              |      |      |      |      |      |
| Greece<br>Greenland                            | 49             | 58             | 50             | 62             | 68             | 75             | 104            |      |      |      |      |      |
| Grenada  | ۔              | 2              | 1              |                | 2              | •              |                |      |      |      |      |      |
| Guatemala                                      | 5              | 2              | 1              | 1              | 2              | 2              | 2              |      | 1    | l    | I    |      |

|                                     |                |                |                |                | YE             | AR OF APPL     | ICATION FILI   | NG   | ı    |      | 1    | 1    |
|-------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|------|------|------|------|
| (2)<br>COUNTRY                      | 2001           | 2002           | 2003           | 2004           | 2005           | 2006           | 2007           | 2008 | 2009 | 2010 | 2011 | 2012 |
| Guinea<br>Guyana                    | 1              | _              | _              |                |                |                |                |      |      | _    |      |      |
| Haiti                               |                | 1              |                |                |                |                | 1              |      |      |      |      |      |
| Honduras<br>Hungary                 | 103            | 128            | 118            | 2<br>144       | 2<br>131       | 1<br>143       | 1<br>193       |      |      |      |      |      |
| Iceland                             | 51             | 41             | 56             | 51             | 53             | 48             | 46             |      |      |      |      |      |
| India<br>Indonesia                  | 643<br>5       | 919<br>27      | 1,164<br>8     | 1,303<br>16    | 1,463<br>11    | 1,923<br>16    |                |      |      |      |      |      |
| Iran                                | 4              | 3              | 5              | 4<br>1         | 4              | 8              | 25             |      |      |      |      |      |
| Iraq<br>Ireland                     | 366            | 440            | 368            | 403            | 516            | 483            |                |      |      |      |      |      |
| Israel<br>Italy                     | 2,710<br>2,967 | 2,645<br>2,980 | 2,539<br>3,011 | 2,693<br>2,997 | 3,157<br>2,993 | 3,657<br>3,274 | 4,410<br>3,376 |      |      |      |      |      |
| Ivory Coast (Cote d'Ivoire)         | 2,907          | 2,960          | 3,011          | 2,997          | 2,993          | 3,214          | 3,370          |      |      |      |      |      |
| Jamaica<br>Japan                    | 1<br>61,238    | 2<br>58,739    | 60,350         | 4<br>64,812    | 71,994         | 76,839         |                |      |      |      |      |      |
| Jordan                              | 5              | 2              | 5              | 6              | 2              | 11             | 15             |      |      |      |      |      |
| Kazakhstan<br>Kenya                 | 1<br>10        | 1<br>10        | 3<br>15        | 2<br>8         | 4<br>5         | 1<br>10        | 2<br>8         |      |      |      |      |      |
| Korea                               | 10             | 10             | 10             | Ĭ              | Ĭ              | 10             |                |      |      |      |      |      |
| Korea, North<br>Korea, South        | 6,719          | 7,937          | 10,411         | 13,646         | 17,217         | 21,685         | 2<br>22,976    |      |      |      |      |      |
| Kuwait                              | 9              | 9              | 5              | 19             | 19             | 34             |                |      |      |      |      |      |
| Kyrgyzstan<br>Latvia                | 4              | 3              | 3              | 10             | 1<br>5         | 6              | 8              |      |      |      |      |      |
| Lebanon                             | 7              | 9              | 2              | 4              | 8              | 13             |                |      |      |      |      |      |
| Libya                               |                |                |                |                |                |                |                |      |      |      |      |      |
| Liberia<br>Liechtenstein            | 29             | 34             | 32             | 21             | 23             | 0.4            | 31             |      |      |      |      |      |
| Lithuania                           | 29<br>5        | 1              | 10             | 17             | 6              | 24<br>7        |                |      |      |      |      |      |
| Luxembourg<br>Macedonia             | 61<br>2        | 69             | 60             | 72<br>3        | 51<br>1        | 70<br>1        | 104            |      |      |      |      |      |
| Madagascar                          | 2              |                |                | 3              |                | ,              | 1              |      |      |      |      |      |
| Malagasy<br>Malawi                  |                |                |                |                |                |                |                |      |      |      |      |      |
| Malaysia                            | 116            | 142            | 237            | 326            | 323            | 379            | 337            |      |      |      |      |      |
| Mali<br>Malta                       | 4              | 4              | 3              | 2              | 8              | 10             | 8              |      |      |      |      |      |
| Marshall Islands                    | 1              |                |                |                |                |                |                |      |      |      |      |      |
| Martinique<br>Mauritania            |                |                |                |                |                |                |                |      |      |      |      |      |
| Mauritius<br>Mexico                 | 1<br>196       | 157            | 2<br>185       | 179            | 180            | 213            | 2<br>212       |      |      |      |      |      |
| Moldova                             | 2              | 2              | 105            | 1/9            | 100            | 1              | 212            |      |      |      |      |      |
| Monaco<br>Mongolia                  | 20             | 26             | 23             | 20             | 12             | 14             | 11             |      |      |      |      |      |
| Montserrat                          |                |                |                |                |                |                |                |      |      |      |      |      |
| Morocco<br>Mozambique               |                | 2              | 4              | 1              | 3              | 2              | 6              |      |      |      |      |      |
| Myanmar                             |                |                |                | ·              |                |                |                |      |      |      |      |      |
| Namibia<br>Nauru                    |                |                |                |                |                | 1              |                |      |      |      |      |      |
| Nepal                               | 0.740          | 0.000          | 0.05=          | 0.050          | 2.400          | 2.000          | 0.040          |      |      |      |      |      |
| Netherlands<br>Netherlands Antilles | 2,712          | 2,602          | 2,257<br>1     | 3,052          | 3,188<br>1     | 3,823<br>2     | 3,946<br>1     |      |      |      |      |      |
| New Caledonia<br>(Papua) New Guinea |                | 3              |                |                |                |                |                |      |      |      |      |      |
| New Hebrides                        |                |                |                |                |                |                |                |      |      |      |      |      |
| New Zealand<br>Nicaragua            | 318<br>1       | 375            | 387            | 346            | 352            | 415            | 455            |      |      |      |      |      |
| Niger                               | '              |                |                |                |                |                |                |      |      |      |      |      |
| Nigeria<br>Niue                     | 6              | 4              | 2              | 2              | 3              | 3              | 3              |      |      |      |      |      |
| Norfolk Island                      | 1              |                |                |                |                |                |                |      |      |      |      |      |
| Norway<br>Oman                      | 475            | 531<br>3       | 449<br>2       | 525            | 541<br>5       | 562<br>3       |                |      |      |      |      |      |
| Pakistan                            | 6              | 4              | 3              | 4              | 7              | 13             |                |      |      |      |      |      |
| Palau<br>Panama                     | 6              | 1 2            | 14             | 1              | 6              | 5              | 9              |      |      |      |      |      |
| Paraguay                            |                | 8              |                | 1              | 2              | 1<br>2         |                |      |      |      |      |      |
| Peru<br>Philippines                 | 8<br>51        | 58             | 8<br>42        | 5<br>82        | 2<br>65        | 69             | 81             |      |      |      |      |      |
| Poland<br>Portugal                  | 39<br>28       | 46<br>27       | 59<br>20       | 101<br>30      | 102<br>33      | 98<br>42       |                |      |      |      |      |      |
| Qatar                               | 20             | 1              | 2              | 3              | 55             | 1              |                |      |      |      |      |      |
| Reunion<br>Rhodesia, South          |                |                |                |                |                |                |                |      |      |      |      |      |
| Rhodesia                            |                |                |                |                |                |                |                |      |      |      |      |      |
| Romania                             | 14             | 8              | 11             | 16             | 18             | 29             | 48             |      |      |      |      |      |

|                                    | YEAR OF APPLICATION FILING |                |                |                |                |                |                |      |      |      |      |      |
|------------------------------------|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------|------|------|------|------|
| (2)<br>COUNTRY                     | 2001                       | 2002           | 2003           | 2004           | 2005           | 2006           | 2007           | 2008 | 2009 | 2010 | 2011 | 2012 |
| Russian Federation                 | 433                        | 377            | 341            | 334            | 366            | 412            | 444            | 2000 | 2003 | 2010 | 2011 | 2012 |
| Samoa                              |                            |                |                |                | 1              |                |                |      |      |      |      |      |
| San Marino                         | 1                          | 07             | 00             | 0.7            | 00             | 1              | 0.4            |      |      |      |      |      |
| Saudi Arabia<br>Senegal            | 26                         | 37             | 32             | 37             | 38             | 62             | 64             |      |      |      |      |      |
| Serbia                             |                            |                |                |                |                | 10             | 13             |      |      |      |      |      |
| Serbia & Montenegro                |                            |                |                | 7              | 4              |                |                |      |      |      |      |      |
| Seychelles                         | 1                          |                | 3              | 2              | 1              |                | 1              |      |      |      |      |      |
| Sierra Leone<br>Singapore          | 786                        | 807            | 771            | 879            | 919            | 1,143          | 1,188          |      |      |      |      |      |
| Slovakia                           | 6                          | 8              | 5              | 12             | 16             | 20             | 27             |      |      |      |      |      |
| Slovenia                           | 20                         | 36             | 38             | 50             | 43             | 50             | 63             |      |      |      |      |      |
| Solomon Islands                    |                            | 2.2.2          |                |                |                |                |                |      |      |      |      |      |
| South Africa<br>South Georgia      | 231                        | 241            | 224            | 246            | 197            | 231            | 252            |      |      |      |      |      |
| South-West Africa                  |                            |                |                |                |                |                |                |      |      |      |      |      |
| Spain                              | 601                        | 564            | 606            | 696            | 701            | 844            | 966            |      |      |      |      |      |
| Sri Lanka                          | 1                          | 3              | 3              | 4              | 6              | 8              | 11             |      |      |      |      |      |
| St. Kitts/Nevis<br>St. Lucia       | 2                          | 2              | 7              |                |                | 1              |                |      |      |      |      |      |
| St. Vincent/Grenadines             | '                          | ı,             |                |                |                |                |                |      |      |      |      |      |
| Sudan                              |                            |                |                |                |                |                |                |      |      |      |      |      |
| Suriname                           |                            |                |                |                |                |                |                |      |      |      |      |      |
| Swaziland                          | 0.007                      | 0.440          | 0.044          | 0.070          | 0.040          | 0.000          | 0.404          |      |      |      |      |      |
| Sweden<br>Switzerland              | 2,827<br>2,337             | 2,410<br>2,338 | 2,314<br>2,275 | 2,270<br>2,316 | 2,243<br>2,447 | 2,680<br>2,773 | 3,164<br>3,079 |      |      |      |      |      |
| Syria                              | 1                          | 3              | 3              | 1              | 2,117          | 2,770          | 0,010          |      |      |      |      |      |
| Taiwan                             | 11,086                     | 12,488         | 13,786         | 15,057         | 16,617         | 19,301         | 18,486         |      |      |      |      |      |
| Tanzania                           | 70                         | 04             | 1              | 00             | CO             | 74             | 00             |      |      |      |      |      |
| Thailand<br>Trinidad & Tobago      | 70<br>2                    | 61<br>1        | 60<br>3        | 69<br>2        | 68<br>4        | 71<br>2        | 99<br>10       |      |      |      |      |      |
| Tunisia                            | 1                          | 3              | 2              | 3              | 1              | 2              | 5              |      |      |      |      |      |
| Turkey                             | 28                         | 36             | 28             | 48             | 46             | 71             | 66             |      |      |      |      |      |
| Turks and Caicos Islands<br>Uganda | 6                          | 6              | 6              | 4              | 1              | 3              | 5              |      |      |      |      |      |
| Ukraine                            | 32                         | 43             | 45             | 38             | 37             | 41             | 40             |      |      |      |      |      |
| United Arab Emirates               | 2                          | 6              | 12             | 17             | 16             | 24             | 25             |      |      |      |      |      |
| United Arab Rep.                   |                            |                |                |                |                |                |                |      |      |      |      |      |
| United Kingdom<br>Upper Volta      | 8,362                      | 8,391          | 7,700          | 7,792          | 7,962          | 8,342          | 9,164          |      |      |      |      |      |
| USSR                               |                            |                |                |                |                |                |                |      |      |      |      |      |
| Uruguay                            | 7                          | 8              | 11             | 9              | 16             | 11             | 9              |      |      |      |      |      |
| Uzbekistan                         |                            | 1              | 1              | 1              |                | 1              |                |      |      |      |      |      |
| Vatican City<br>Venezuela          | 53                         | 1<br>36        | 29             | 18             | 34             | 22             | 32             |      |      |      |      |      |
| Viet Nam                           | 1                          | 30             | 2              | 6              | 3              | 5              | 6              |      |      |      |      |      |
| Viet Nam, South                    |                            |                |                |                |                |                |                |      |      |      |      |      |
| West Africa<br>West Bank / Gaza    |                            |                |                |                |                | 1              |                |      |      |      |      |      |
| Yemen Yemen                        |                            |                |                |                |                | 1              |                |      |      |      |      |      |
| Yugoslavia                         | 2                          | 7              | 11             |                |                |                |                |      |      |      |      |      |
| Zaire                              |                            |                |                |                |                |                |                |      |      |      |      |      |
| Zambia<br>Zimbabwe                 | 2                          | 2              | 3              | 2              |                | 1              | 1              |      |      |      |      |      |
| ZIIIIDADWE                         | 2                          | 2              | 3              | 2              |                | ']             | 1              |      |      |      |      |      |
| Other Foreign                      | 0                          | 0              |                |                |                |                |                |      |      |      |      |      |
| Total Foreign                      | 148,997                    | 150,200        | 153,500        | 167,407        | 182,866        | 204,183        | 214,807        |      |      |      |      |      |
| U.S.                               | 177,511                    | 184,245        | 188,941        | 189,536        | 207,867        | 221,784        | 241,347        |      |      |      |      |      |
| TOTAL                              | 326,508                    | 334,445        | 342,441        | 356,943        | 390,733        | 425,967        | 456,154        |      | l    |      |      |      |

<sup>(1)</sup> Country of origin is based on the residence of the first-named inventor.

<sup>(2)</sup> Country names that appear in this table do not imply any expression of opinion by USPTO about the preferred name or the legal status of any country or territory, or of its authorities.

<sup>(3)</sup> Data for 1965 through 1974 also include reissue applications.

<sup>(4)</sup>The USPTO submission to WIPO in 1975 reported two additional applications from "San Salvador" that are not included in this table. However, the total number of applications shown in this table for 1975 is consistent with the figure reported to WIPO.

<sup>(5)</sup> Applications from the European Patent Office were not reported separately to WIPO after 1987. Applications from the EPO were distributed according to the country of residence of the first-named inventor after 1987.