

Table 1.
Summary of Patent Examining Activities

(As of September 30 of each fiscal year)

| Patent examining activity | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|----------------|----------------|----------------|----------------|----------------|
| Applications filed, total | 236,679 | 206,276 | 237,045 | 256,666 | 289,448 |
| Utility ¹ | 220,141 | 189,979 | 219,453 | 238,811 | 270,646 |
| Reissue | 647 | 573 | 606 | 693 | 843 |
| Plant | 516 | 564 | 714 | 586 | 732 |
| Design | 15,375 | 15,160 | 16,272 | 16,576 | 17,227 |
| First actions: | | | | | |
| Design | 18,223 | 15,465 | 15,038 | 16,836 | 18,050 |
| Utility, plant, and reissue | 176,220 | 179,391 | 193,635 | 192,849 | 226,642 |
| PCT/Chapter 1 | 9,454 | 11,224 | 12,268 | 13,430 | 14,316 |
| Patent application disposals, total | 189,520 | 197,244 | 212,763 | 220,333 | 238,292 |
| Allowed², total | 119,621 | 135,321 | 148,802 | 158,259 | 171,685 |
| Design | 13,055 | 13,627 | 13,562 | 15,214 | 16,305 |
| Utility, plant, and reissue | 106,566 | 121,694 | 135,240 | 143,045 | 155,380 |
| Abandoned, total | 69,796 | 61,819 | 63,878 | 61,994 | 66,493 |
| Design | 3,336 | 3,461 | 2,511 | 1,892 | 2,431 |
| Utility, plant, and reissue | 66,460 | 58,358 | 61,367 | 60,102 | 64,062 |
| Statutory invention registrations, total | 103 | 104 | 83 | 80 | 114 |
| PCT/Chapter II examinations completed | 8,040 | 8,403 | 11,582 | 12,223 | 12,886 |
| Patents issued³ | 114,241 | 116,875 | 122,977 | 154,579 | 159,166 |
| Utility | 101,895 | 104,900 | 111,979 | 139,298 | 142,856 |
| Reissue | 294 | 291 | 267 | 284 | 437 |
| Plant | 390 | 338 | 400 | 577 | 393 |
| Design | 11,662 | 11,346 | 10,331 | 14,420 | 15,480 |
| Allowed applications, issue fee not paid ⁴ | 5,294 | 5,408 | 5,599 | 6,853 | 4,000 |
| Pendency time of average patent application ⁵ | 19.2 | 20.8 | 22.2 | 23.8 | 25.0 |
| Reexamination requests | 392 | 418 | 376 | 350 | 385 |
| Reexamination certificates issued | 281 | 298 | 334 | 317 | 243 |
| PCT search reports prepared | 10,440 | 11,078 | 12,048 | 12,859 | 14,116 |
| PCT international application received by USPTO as receiving office | 15,941 | 20,106 | 22,767 | 27,138 | 30,305 |
| National requirements received by USPTO as receiving office | 10,582 | 11,662 | 13,858 | 17,305 | 19,941 |
| International preliminary examination reports | 7,456 | 7,571 | 11,738 | 12,003 | 14,615 |
| Patents renewed under P.L. 102-204 ⁶ | 140,512 | 408,944 | 138,695 | 135,462 | 156,414 |
| Patents expired under P.L. 102-204 ⁶ | 48,604 | 60,392 | 54,485 | 41,063 | 52,286 |

¹Utility patents include chemical, electrical, and mechanical applications.

²“Allowed Patent Applications” are applications awaiting issuance (i.e., publication) as patents.

³Excludes withdrawn numbers.

⁴35 U.S.C. 151 (includes design applications).

⁵Average time (in months) between filing and issuance or abandonment of utility, plant, and reissue applications. This average does not include design patents.

⁶The provisions of P.L. 102-204 regarding the renewal of patents superceded P.L. 96-517 and P.L. 97-247.

Table 2.
Patent Applications Filed

(FY 1980 - FY 1999)

| Year | Utility ¹ | Design | Plant | Reissue | Total |
|-------------|----------------------|---------------|------------|------------|----------------|
| 1980 | 104,219 | 7,269 | 186 | 641 | 112,315 |
| 1981 | 106,828 | 7,197 | 147 | 538 | 114,710 |
| 1982 | 116,052 | 8,069 | 193 | 486 | 124,800 |
| 1983 | 96,847 | 8,256 | 231 | 370 | 105,704 |
| 1984 | 109,010 | 8,446 | 248 | 281 | 117,985 |
| 1985 | 115,893 | 9,504 | 244 | 290 | 125,931 |
| 1986 | 120,988 | 9,792 | 291 | 332 | 131,403 |
| 1987 | 125,677 | 10,766 | 364 | 366 | 137,173 |
| 1988 | 136,253 | 11,114 | 377 | 439 | 148,183 |
| 1989 | 150,418 | 11,975 | 418 | 495 | 163,306 |
| 1990 | 162,708 | 11,140 | 395 | 468 | 174,711 |
| 1991 | 166,765 | 10,368 | 414 | 536 | 178,083 |
| 1992 | 171,623 | 12,907 | 335 | 581 | 185,446 |
| 1993 | 173,619 | 13,546 | 362 | 572 | 188,099 |
| 1994 | 185,087 | 15,431 | 430 | 606 | 201,554 |
| 1995 | 220,141 | 15,375 | 516 | 647 | 236,679 |
| 1996 | 189,979 | 15,160 | 564 | 573 | 206,276 |
| 1997 | 219,453 | 16,272 | 714 | 606 | 237,045 |
| 1998 | 238,811 | 16,576 | 693 | 586 | 256,666 |
| 1999 | 270,646 | 17,227 | 732 | 843 | 289,448 |

¹Chemical, electrical, and mechanical applications.

Table 3.
Patents Pending Prior to Allowance¹

(FY 1980 - FY 1999)

| Year | Awaiting action by examiner | Total applications pending ² |
|-------------|--------------------------------|--|
| 1980 | 64,289 | 167,533 |
| 1981 | 71,033 | 181,727 |
| 1982 | 87,659 | 216,509 |
| 1983 | 102,532 | 223,101 |
| 1984 | 90,687 | 219,567 |
| 1985 | 90,648 | 215,512 |
| 1986 | 80,547 | 207,774 |
| 1987 | 65,010 | 209,911 |
| 1988 | 75,678 | 215,280 |
| 1989 | 92,377 | 222,755 |
| 1990 | 104,179 | 244,964 |
| 1991 | 104,086 | 254,507 |
| 1992 | 112,201 | 269,596 |
| 1993 | 99,904 | 244,646 |
| 1994 | 107,824 | 261,249 |
| 1995 | 124,275 | 298,522 |
| 1996 | 139,943 | 303,720 |
| 1997 | 112,430 | 275,295 |
| 1998 | 224,446 | 379,484 |
| 1999 | 243,207 | 414,837 |

¹Includes patents pending at end of period indicated, and includes utility, reissue, plant, and design applications. Does not include allowed applications.

²Applications under examination, including those in preexamination processing.

Table 4.
Patent Pendency and Cycle Time Statistics

(FY 1999)

| Utility, plant & reissue (UPR) applications | Number of applications | Average pendency (in months) | |
|---|---------------------------------------|---|------------|
| Total | 209,562 | 25.0 | |
| Issued | 145,500 | 26.2 | |
| Abandoned | 64,062 | 21.8 | |
| Applications in process | 456,679 | 15.7 | |
| UPR pendency statistics by technology center (in months) | | | |
| | To issue | Abandoned | In process |
| Biotechnology, Organic Chemistry & Designs | 29.0 | 22.6 | 19.1 |
| Chemical and Material Engineering | 26.2 | 24.6 | 16.0 |
| Transportation, Construction & Agriculture | 24.4 | 18.6 | 14.4 |
| Mechanical Engineering, Manufacturing & Products | 23.4 | 18.8 | 14.1 |
| Communications and Information Processing | 31.4 | 25.9 | 16.8 |
| Physics, Optics, System Components & Electrical Engineering | 24.8 | 20.9 | 14.5 |
| Total UPR pendency by technology center (in months) | | | |
| | From invention's original filing date | From most recent filing date ¹ | |
| Total UPR pendency | 26.6 | 25.0 | |
| Biotechnology, Organic Chemistry & Designs | 30.9 | 27.1 | |
| Chemical and Material Engineering | 26.3 | 25.8 | |
| Transportation, Construction & Agriculture | 24.3 | 23.1 | |
| Mechanical Engineering, Manufacturing & Products | 23.8 | 22.4 | |
| Communications and Information Processing | 31.7 | 30.4 | |
| Physics, Optics, System Components & Electrical Engineering | 25.5 | 24.1 | |
| Cycle time by technology center (in months) | | | |
| | PTO time | Time attributable to applicants | |
| Total UPR pendency | 16.9 | 9.7 | |
| Biotechnology, Organic Chemistry & Designs | 17.4 | 13.5 | |
| Chemical and Material Engineering | 15.9 | 10.4 | |
| Transportation, Construction & Agriculture | 15.8 | 8.5 | |
| Mechanical Engineering, Manufacturing & Products | 15.4 | 8.4 | |
| Communications and Information Processing | 21.3 | 10.4 | |
| Physics, Optics, System Components & Electrical Engineering | 16.6 | 8.9 | |

¹“Pendency from original filing date” and “pendency from most recent filing date” differ in that the former is composed of continuing applications descending from the original, or parent invention. Pendency is calculated based on the most recent filing date, while cycle time is based on the original filing date.

Table 5.
Summary of Pending Patent Applications

(As of September 30, 1999)

| Stage of processing | Utility, plant, and reissue applications | Design applications | Total patent applications |
|---|--|------------------------|------------------------------|
| Pending patent applications, total | 491,824 | 23,744 | 515,568 |
| In preexamination processing, total | 24,542 | 3,920 | 28,462 |
| Under examination, total | 376,448 | 9,927 | 386,375 |
| Undocketed | 38,008 | 772 | 38,780 |
| Awaiting first action by examiner | 170,305 | 5,660 | 175,965 |
| Rejected, awaiting response by applicant | 119,496 | 2,857 | 122,353 |
| Amended, awaiting action by examiner | 29,671 | 495 | 30,166 |
| In interference | 1,829 | 17 | 1,846 |
| On appeal, and other ¹ | 17,139 | 126 | 17,265 |
| In postexamination processing, total | 90,834 | 9,897 | 100,731 |
| Awaiting issue fee | 43,364 | 4,568 | 47,932 |
| Awaiting printing ² | 44,109 | 5,329 | 49,438 |
| D-10s (secret cases in condition for allowance) | 3,361 | - | 3,361 |

- Represents zero.

¹Includes cases on appeal and undergoing petitions.

²Includes withdrawn cases.

Table 6.
Patents Issued
(FY 1980 - FY 1999)

| Year | Utility ¹ | Design | Plant | Reissue | Total |
|-------------|----------------------|---------------|------------|------------|----------------|
| 1980 | 56,618 | 4,167 | 137 | 305 | 61,227 |
| 1981 | 66,617 | 3,882 | 168 | 343 | 71,010 |
| 1982 | 59,449 | 5,299 | 120 | 284 | 65,152 |
| 1983 | 54,744 | 4,401 | 219 | 351 | 59,715 |
| 1984 | 66,753 | 4,935 | 174 | 287 | 72,149 |
| 1985 | 69,667 | 5,058 | 277 | 300 | 75,302 |
| 1986 | 71,301 | 5,202 | 227 | 263 | 76,993 |
| 1987 | 82,141 | 6,158 | 240 | 254 | 88,793 |
| 1988 | 77,317 | 5,740 | 283 | 244 | 83,584 |
| 1989 | 95,831 | 5,844 | 728 | 309 | 102,712 |
| 1990 | 88,974 | 7,176 | 295 | 282 | 96,727 |
| 1991 | 91,822 | 9,386 | 318 | 334 | 101,860 |
| 1992 | 99,405 | 9,612 | 336 | 375 | 109,728 |
| 1993 | 96,676 | 9,946 | 408 | 302 | 107,332 |
| 1994 | 101,270 | 11,138 | 513 | 347 | 113,268 |
| 1995 | 101,895 | 11,662 | 390 | 294 | 114,241 |
| 1996 | 104,900 | 11,346 | 338 | 291 | 116,875 |
| 1997 | 111,979 | 10,331 | 400 | 267 | 122,977 |
| 1998 | 139,298 | 14,420 | 577 | 284 | 154,579 |
| 1999 | 142,856 | 15,480 | 437 | 393 | 159,166 |

¹Includes chemical, electrical, and mechanical applications.

Table 7.
Patent Applications Filed by Residents of the United States
(FY 1999¹)

| State/territory | 1999 | State/territory | 1999 | State/territory | 1999 |
|----------------------|----------------|-----------------|--------|-----------------------------------|--------|
| Total | 164,025 | Kentucky | 720 | Oklahoma | 1,034 |
| Alabama | 756 | Louisiana | 973 | Oregon | 2,471 |
| Alaska | 89 | Maine | 237 | Pennsylvania | 6,903 |
| Arizona | 2,646 | Maryland | 2,814 | Rhode Island | 532 |
| Arkansas | 447 | Massachusetts | 7,285 | South Carolina | 1,037 |
| California | 35,888 | Michigan | 5,952 | South Dakota | 140 |
| Colorado | 3,533 | Minnesota | 4,849 | Tennessee | 1,612 |
| Connecticut | 3,379 | Mississippi | 287 | Texas | 11,562 |
| Delaware | 724 | Missouri | 1,608 | Utah | 1,301 |
| District of Columbia | 157 | Montana | 286 | Vermont | 652 |
| Florida | 5,303 | Nebraska | 374 | Virginia | 2,271 |
| Georgia | 2,729 | Nevada | 710 | Washington | 4,275 |
| Hawaii | 173 | New Hampshire | 1,219 | West Virginia | 244 |
| Idaho | 2,281 | New Jersey | 7,838 | Wisconsin | 3,213 |
| Illinois | 6,887 | New Mexico | 640 | Wyoming | 118 |
| Indiana | 2,500 | New York | 11,445 | Puerto Rico | 43 |
| Iowa | 1,258 | North Carolina | 3,645 | U.S. Pacific Islands ² | 2 |
| Kansas | 728 | North Dakota | 184 | United States ³ | 13 |
| | | Ohio | 6,058 | | |

¹Data include utility, design, plant, and reissue applications.

²Represents residents of American Samoa, Guam, and miscellaneous U.S. Pacific Islands.

³No State indicated in database.

Table 8.
Patents Issued to Residents of the United States
(FY 1999¹)

| State/territory | 1999 | State/territory | 1999 | State/territory | 1999 |
|----------------------|---------------|-----------------|-------|-----------------------------------|-------|
| Total | 89,119 | Kentucky | 426 | Oklahoma | 510 |
| Alabama | 454 | Louisiana | 540 | Oregon | 1,352 |
| Alaska | 61 | Maine | 136 | Pennsylvania | 3,852 |
| Arizona | 1,615 | Maryland | 1,539 | Rhode Island | 340 |
| Arkansas | 212 | Massachusetts | 3,665 | South Carolina | 658 |
| California | 17,893 | Michigan | 3,735 | South Dakota | 66 |
| Colorado | 1,862 | Minnesota | 2,747 | Tennessee | 918 |
| Connecticut | 1,946 | Mississippi | 198 | Texas | 5,901 |
| Delaware | 409 | Missouri | 1,059 | Utah | 693 |
| District of Columbia | 69 | Montana | 147 | Vermont | 323 |
| Florida | 2,965 | Nebraska | 212 | Virginia | 1,094 |
| Georgia | 1,502 | Nevada | 359 | Washington | 1,921 |
| Hawaii | 93 | New Hampshire | 639 | West Virginia | 177 |
| Idaho | 1,059 | New Jersey | 4,145 | Wisconsin | 1,905 |
| Illinois | 4,186 | New Mexico | 343 | Wyoming | 43 |
| Indiana | 1,578 | New York | 6,589 | Puerto Rico | 30 |
| Iowa | 739 | North Carolina | 1,851 | Virgin Islands | 1 |
| Kansas | 451 | North Dakota | 73 | U.S. Pacific Islands ² | 3 |
| | | Ohio | 3,834 | United States ³ | 1 |

¹Data include utility, design, plant, and reissue patents.

²Represents residents of American Samoa, Guam, and miscellaneous U.S. Pacific Islands.

³No State indicated in database.

Table 9.
United States Patent Applications Filed by Residents of Foreign Countries

(FY 1995 - FY 1999)

| Residence | 1995 | 1996 | 1997 | 1998 | 1999 | Residence | 1995 | 1996 | 1997 | 1998 | 1999 |
|------------------------|---------------|---------------|----------------|----------------|----------------|-------------------------|--------|--------|--------|--------|--------|
| Total | 96,255 | 89,940 | 102,248 | 110,461 | 125,423 | Indonesia | 7 | 22 | 10 | 7 | 26 |
| Albania | - | - | 2 | 1 | - | Iran | 7 | 14 | 16 | 16 | 2 |
| Andorra | 1 | 1 | 155 | 2 | 1 | Iraq | - | - | 1 | - | - |
| Anguilla | - | - | 2 | - | 1 | Ireland | 135 | 119 | 130 | 197 | 264 |
| Antigua & Barbuda | 5 | 1 | 1 | 1 | - | Israel | 1,183 | 1,081 | 1,220 | 1,499 | 1,938 |
| Argentina | 69 | 75 | 81 | 121 | 102 | Italy | 2,512 | 2,152 | 2,472 | 2,449 | 2,835 |
| Armenia | 1 | - | 1 | 1 | - | Jamaica | 4 | 2 | 1 | 4 | 4 |
| Aruba | 1 | 2 | - | - | - | Japan | 42,944 | 39,810 | 44,318 | 46,569 | 47,413 |
| Australia | 1,150 | 1,090 | 1,270 | 1,450 | 1,507 | Jordan | 5 | 6 | 1 | 5 | 5 |
| Austria | 684 | 532 | 590 | 665 | 871 | Kazakhstan | - | - | 1 | 1 | 10 |
| Azerbaijan | 1 | 2 | 1 | 2 | 1 | Kenya | 2 | 2 | 5 | 1 | 8 |
| Bahamas | 18 | 8 | 12 | 21 | 14 | Korea, Dem. Republic of | 11 | 19 | 67 | 63 | - |
| Bahrain | - | 1 | - | 1 | 2 | Korea, Republic of | 2,943 | 3,932 | 4,957 | 5,625 | 5,634 |
| Barbados | 2 | 1 | 1 | 1 | 3 | Kuwait | 4 | 3 | 19 | 13 | 12 |
| Belarus | 8 | 6 | 6 | 3 | 6 | Kyrgyzstan | 1 | - | - | - | 1 |
| Belgium | 1,080 | 900 | 974 | 1,034 | 1,207 | Laos | - | 1 | - | - | - |
| Belize | - | 1 | 1 | 1 | - | Latavia | - | 2 | 1 | 5 | 2 |
| Benelux Convention | - | - | 1 | - | - | Lebanon | - | 3 | 2 | 3 | 5 |
| Bermuda | 4 | 4 | 2 | 5 | 7 | Lesotho | - | - | 1 | - | - |
| Bolivia | 2 | 1 | 1 | 2 | 2 | Liechtenstein | 13 | 20 | 21 | 15 | 26 |
| Bosnia & Herzegovina | - | 1 | - | 1 | 1 | Lithuania | 5 | - | 4 | 2 | 3 |
| Botswana | - | - | - | 1 | - | Luxembourg | 38 | 36 | 63 | 49 | 51 |
| Brazil | 130 | 136 | 157 | 167 | 206 | Macau | 2 | - | 1 | - | 2 |
| British Virgin Islands | - | 5 | 3 | 2 | 2 | Madagascar | - | - | - | - | 1 |
| Bulgaria | 9 | 15 | 10 | 15 | 2 | Macedonia | 1 | - | - | - | - |
| Canada | 5,420 | 4,893 | 4,972 | 5,975 | 7,006 | Malaysia | 36 | 43 | 61 | 58 | 74 |
| Cayman Islands | 1 | 15 | 4 | 2 | 7 | Maldives | - | - | 1 | - | - |
| Chile | 16 | 24 | 13 | 18 | 14 | Mali | 1 | 5 | 1 | 1 | - |
| China (mainland) | 151 | 256 | 215 | 289 | 271 | Malta | 2 | 3 | - | 2 | - |
| Columbia | 19 | 11 | 9 | 14 | 21 | Marshall Islands | - | 1 | - | - | - |
| Costa Rica | 13 | 3 | 14 | 20 | 8 | Mauritius | - | - | - | 1 | - |
| Cote D'Ivoire | - | - | - | - | 1 | Mexico | 97 | 116 | 146 | 152 | 172 |
| Croatia | 15 | 14 | 20 | 18 | 15 | Moldova | 1 | 1 | - | 1 | - |
| Cuba | 9 | 5 | 2 | 4 | 5 | Monaco | 11 | 13 | 11 | 13 | 14 |
| Cyprus | 1 | - | 4 | - | 4 | Mongolia | - | 3 | - | - | - |
| Czech Republic | 11 | 22 | 22 | 39 | 37 | Montserrat | 1 | - | - | - | - |
| Czechoslovakia | 26 | 14 | 14 | 22 | 15 | Morocco | 1 | 5 | 1 | 3 | 1 |
| Denmark | 756 | 567 | 724 | 776 | 938 | Myanmar | - | 1 | - | 1 | - |
| Djibouti | - | - | 1 | - | - | Namibia | - | - | 2 | - | 1 |
| Dominica | - | 2 | - | - | 1 | Nauru | - | - | 1 | 1 | - |
| Dominican Republic | 3 | 1 | 4 | 3 | - | Nepal | 1 | - | - | - | - |
| Ecuador | 4 | 1 | 8 | 2 | 5 | Netherlands | 1,727 | 1,594 | 1,978 | 1,914 | 2,158 |
| Egypt | 3 | 5 | 8 | 8 | 19 | Netherlands Antilles | 1 | 1 | - | 3 | 1 |
| El Salvador | 1 | 1 | 1 | 1 | 1 | New Caledonia | 1 | 1 | 1 | 2 | - |
| EPO | - | - | 28 | - | - | New Zealand | 170 | 191 | 218 | 204 | 249 |
| Estonia | 1 | 1 | 1 | 1 | 7 | Nicaragua | - | - | 1 | - | - |
| Ethiopia | - | - | 1 | - | - | Niger | 1 | - | 1 | 1 | - |
| Falkland Islands | - | 1 | - | - | - | Nigeria | - | 3 | 1 | 3 | 1 |
| Fiji | - | 2 | - | 1 | 2 | Norway | 251 | 244 | 312 | 341 | 399 |
| Finland | 789 | 797 | 946 | 910 | 1,309 | Pakistan | 3 | 1 | 8 | 3 | 2 |
| France | 5,389 | 4,678 | 5,093 | 5,414 | 6,398 | Palau | - | - | - | - | 1 |
| French Guiana | - | 1 | - | - | - | Panama | 7 | 8 | 2 | 4 | 8 |
| Gabon | 1 | - | - | - | - | Paraguay | - | 1 | 1 | 1 | - |
| Georgia | 6 | 6 | 16 | 6 | 2 | Peru | 6 | 4 | 5 | 3 | 8 |
| Germany | 12,421 | 11,515 | 12,908 | 13,799 | 17,446 | Philippines | 17 | 10 | 42 | 21 | 28 |
| Ghana | - | 1 | 4 | - | 1 | Poland | 19 | 21 | 29 | 16 | 27 |
| Greece | 39 | 22 | 21 | 47 | 47 | Portugal | 18 | 13 | 12 | 17 | 29 |
| Guadeloupe | - | - | 1 | - | - | Romania | 7 | 9 | 13 | 9 | 5 |
| Guatemala | 4 | 2 | 5 | 3 | 2 | Russian Federation | 230 | 236 | 242 | 271 | 360 |
| Guinea | - | - | - | 1 | - | Saudi Arabia | 29 | 17 | 23 | 24 | 17 |
| Haiti | 1 | - | 1 | - | - | Senegal | - | 1 | 1 | 1 | - |
| Honduras | 1 | 3 | 5 | 5 | 6 | Seychelles | - | 3 | 1 | 2 | - |
| Hong Kong | 324 | 467 | 448 | 457 | 757 | Sierra Leone | - | 1 | 2 | - | - |
| Hungary | 73 | 63 | 42 | 69 | 115 | Singapore | 161 | 157 | 244 | 315 | 444 |
| Iceland | 6 | 8 | 13 | 28 | 30 | Slovakia | 14 | 2 | 3 | 10 | 5 |
| India | 98 | 105 | 135 | 182 | 263 | Slovenia | 16 | 21 | 24 | 26 | 20 |

Table 9. (Cont'd)
United States Patent Applications Filed by Residents of Foreign Countries
(FY 1995 - FY 1999)

| Residence | 1995 | 1996 | 1997 | 1998 | 1999 | Residence | 1995 | 1996 | 1997 | 1998 | 1999 |
|-------------------|-------|-------|-------|-------|--------|--------------------------|-------|-------|-------|-------|-------|
| Solomon Islands | 1 | 2 | - | - | - | Turkey | 6 | 6 | 2 | 26 | 35 |
| South Africa | 230 | 189 | 197 | 215 | 243 | Turks and Caicos Islands | 2 | - | - | - | - |
| Soviet Union | 17 | 10 | 2 | 1 | - | Uganda | 1 | - | 1 | 1 | 4 |
| Spain | 384 | 369 | 458 | 442 | 481 | Ukraine | 17 | 16 | 26 | 31 | 20 |
| Sri Lanka | 3 | 1 | 2 | 3 | 13 | United Arab Emirates | 2 | 1 | 5 | 6 | 7 |
| St. Kitts & Nevis | 1 | - | - | - | 2 | United Kingdom | 5,577 | 4,804 | 5,589 | 6,072 | 7,128 |
| Suriname | - | 1 | - | 2 | - | Uruguay | 9 | 3 | 2 | 5 | 4 |
| Swaziland | 8 | 24 | 14 | 17 | - | Uzbekistan | 2 | - | - | 3 | 4 |
| Sweden | 1,674 | 1,439 | 2,062 | 2,390 | 2,770 | Vatican City | - | 1 | - | - | - |
| Switzerland | 2,075 | 1,639 | 1,782 | 1,897 | 2,245 | Venezuela | 38 | 39 | 35 | 43 | 44 |
| Syria Arab Rep | - | - | 1 | - | 5 | Vietnam | - | 1 | 2 | 1 | 1 |
| Taiwan | 4,729 | 5,108 | 6,349 | 7,627 | 11,392 | Yemen | 2 | 1 | - | 1 | - |
| Tanzania | - | - | 1 | - | - | Yugoslavia | 12 | 4 | 7 | 6 | 5 |
| Thailand | 33 | 25 | 32 | 34 | 61 | Zaire | 1 | - | - | - | - |
| Trinidad & Tobago | 1 | 2 | 1 | 2 | 1 | Zimbabwe | - | - | - | 3 | 1 |
| Tunisia | - | - | - | - | 1 | Other ² | 17 | 13 | 5 | 75 | - |

- Represents zero.

¹Data include utility, design, plant, and reissue applications. Country listings include possessions and territories of that country unless listed separately in the table.

²Country of origin information not available.

Table 10.
Patents Issued by the United States to Residents of Foreign Countries

(FY 1995 - FY 1999¹)

| Residence | 1995 | 1996 | 1997 | 1998 | 1999 | Residence | 1995 | 1996 | 1997 | 1998 | 1999 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|----------------------------|-------|-------|-------|-------|-------|
| Total | 49,679 | 50,159 | 53,682 | 68,796 | 70,047 | Korea, Republic of | 1,175 | 1,428 | 1,828 | 3,052 | 3,477 |
| Algeria ¹ | - | - | - | - | - | Kuwait | 1 | 2 | 1 | 4 | 12 |
| Andorra | - | 1 | - | 2 | 1 | Latvia | - | - | - | 1 | 2 |
| Anguilla | - | - | - | 1 | - | Lebanon | 1 | - | 1 | 1 | 3 |
| Antigua & Barbuda | - | 4 | - | - | - | Liechtenstein | 21 | 15 | 10 | 16 | 15 |
| Argentina | 38 | 28 | 41 | 41 | 45 | Lithuania | 1 | - | 2 | 1 | 4 |
| Armenia | 1 | - | - | - | - | Luxembourg | 30 | 35 | 28 | 47 | 46 |
| Aruba | - | - | 2 | - | - | Macau | - | 2 | - | - | - |
| Australia | 572 | 534 | 592 | 754 | 795 | Malaysia | 11 | 21 | 26 | 38 | 27 |
| Austria | 356 | 370 | 391 | 413 | 443 | Malta | 1 | - | 1 | 2 | - |
| Azerbaijan | - | 2 | - | - | 1 | Marshall Islands | 1 | - | - | - | 1 |
| Bahamas | 4 | 4 | 5 | 13 | 12 | Mauritius | - | 1 | - | - | - |
| Bahrain | - | - | - | 1 | - | Mexico | 43 | 45 | 48 | 83 | 79 |
| Barbados | - | - | - | - | 1 | Moldova, Republic | - | - | - | - | - |
| Belarus | 5 | 2 | 4 | 7 | 5 | Monaco | 5 | 5 | 7 | 9 | 12 |
| Belgium | 391 | 482 | 559 | 713 | 667 | Morocco | 2 | 1 | - | 2 | 1 |
| Bermuda | - | 3 | 1 | 1 | 2 | Myanmar | - | - | - | - | 1 |
| Bolivia | - | 1 | - | 1 | - | Netherlands | 929 | 882 | 878 | 1,282 | 1,322 |
| Brazil | 66 | 65 | 72 | 79 | 87 | Netherlands Antilles | 1 | - | - | 1 | 1 |
| British Virgin Islands | - | - | - | 3 | 2 | New Caledonia | - | - | - | 1 | - |
| Bulgaria | 4 | 1 | 4 | 2 | 5 | New Zealand | 59 | 71 | 95 | 135 | 140 |
| Canada | 2,535 | 2,444 | 2,803 | 3,302 | 3,498 | Nicaragua | - | - | - | - | 1 |
| Cayman Islands | 2 | 2 | 5 | 6 | 4 | Nigeria | 1 | - | 2 | 1 | 1 |
| Chile | 10 | 4 | 4 | 16 | 12 | Norfolk Island | - | - | - | - | 1 |
| China (Mainland) | 69 | 51 | 59 | 87 | 481 | Norway | 142 | 142 | 156 | 217 | 224 |
| Colombia | 3 | 7 | 8 | 7 | 4 | Pakistan | 2 | 1 | 1 | 1 | 1 |
| Cook Islands | - | 1 | - | - | - | Paraguay | - | - | - | - | 1 |
| Costa Rica | 7 | 10 | 7 | 2 | 10 | Panama | - | 1 | 1 | - | - |
| Croatia | 6 | 4 | 8 | 10 | 17 | Peru | 3 | 5 | 2 | 1 | 5 |
| Cuba | - | - | 4 | 4 | 4 | Philippines | 4 | 1 | 15 | 25 | 16 |
| Cyprus | 3 | 1 | 2 | - | - | Poland | 10 | 12 | 15 | 16 | 21 |
| Czech Republic | 1 | 3 | 13 | 15 | 18 | Portugal | 5 | 3 | 6 | 9 | 11 |
| Czechoslovakia | 16 | 13 | 9 | 8 | 7 | Romania | 1 | 6 | 1 | - | 5 |
| Denmark | 333 | 326 | 362 | 533 | 551 | Russian Federation | 90 | 111 | 113 | 175 | 174 |
| Dominican Republic | 1 | - | - | - | 3 | San Marino | - | - | - | - | 1 |
| Ecuador | - | - | - | 7 | 4 | Saudi Arabia | 11 | 11 | 16 | 12 | 12 |
| Egypt | 1 | 4 | 2 | 1 | 1 | Singapore | 53 | 87 | 111 | 122 | 134 |
| El Salvador | 1 | 1 | 1 | - | - | Slovakia | - | 1 | 2 | 2 | 6 |
| Estonia | 2 | 2 | - | - | 1 | Slovenia | 8 | 11 | 9 | 15 | 13 |
| Faroe Islands | - | - | - | - | - | South Africa | 137 | 112 | 112 | 126 | 115 |
| Finland | 375 | 408 | 482 | 576 | 665 | Soviet Union | 18 | 14 | 7 | 6 | 2 |
| France | 2,991 | 2,972 | 3,121 | 3,823 | 3,802 | Spain | 185 | 177 | 176 | 285 | 262 |
| French Guiana | - | 1 | - | - | - | Sri Lanka | 1 | 2 | 1 | 2 | 1 |
| Georgia | 1 | - | 1 | - | - | Suriname | - | - | - | - | 1 |
| Germany | 6,946 | 6,898 | 7,180 | 9,304 | 9,113 | St. Kitts & Nevis | - | 1 | - | 2 | - |
| Ghana | 1 | - | - | - | 1 | St. Vincent/The Grenadines | - | - | - | - | - |
| Greece | 11 | 13 | 14 | 17 | 21 | Sweden | 905 | 904 | 996 | 1,258 | 1,368 |
| Guadeloupe | - | - | - | - | - | Switzerland | 1,236 | 1,141 | 1,176 | 1,339 | 1,310 |
| Guatemala | - | 2 | 1 | 2 | 2 | Syrian Arab Rep | - | - | - | - | 1 |
| Haiti | - | - | 1 | - | 1 | Taiwan | 2,026 | 2,300 | 2,490 | 3,543 | 4,105 |
| Honduras | 2 | 1 | 1 | 1 | 5 | Thailand | 10 | 8 | 16 | 14 | 23 |
| Hong Kong | 238 | 237 | 255 | 361 | - | Trinidad & Tobago | 2 | 2 | - | 3 | 1 |
| Hungary | 43 | 46 | 32 | 46 | 38 | Tunisia | - | - | - | 1 | - |
| Iceland | 3 | 3 | 4 | 6 | 10 | Turkey | 3 | 2 | 5 | 3 | 2 |
| India | 39 | 37 | 43 | 80 | 109 | Turks and Caicos Islands | - | - | 1 | 1 | - |
| Indonesia | 8 | 2 | 12 | 9 | 4 | Uganda | - | - | - | - | - |
| Iran | 3 | - | - | 1 | 1 | Ukraine | 9 | 14 | 11 | 15 | 16 |
| Ireland | 56 | 84 | 77 | 74 | 104 | United Arab Emirates | - | 1 | 1 | 1 | - |
| Israel | 440 | 475 | 573 | 760 | 748 | United Kingdom | 2,642 | 2,668 | 2,787 | 3,548 | 3,686 |
| Italy | 1,273 | 1,338 | 1,422 | 1,754 | 1,595 | Uruguay | 2 | 2 | 4 | 3 | 4 |
| Jamaica | 2 | - | 1 | 1 | 1 | Uzbekistan | - | 2 | - | 1 | - |
| Japan | 22,991 | 22,979 | 24,314 | 30,490 | 30,425 | Venezuela | 33 | 31 | 20 | 30 | 40 |
| Jordan | - | - | 5 | 2 | 2 | Vietnam | - | - | - | - | 1 |
| Kazakhstan | 1 | - | - | 2 | 1 | Yemen | - | - | - | - | - |
| Kenya | 1 | 2 | 1 | 1 | 2 | Yugoslavia | 7 | 9 | 4 | 5 | 3 |
| Korea, Dem. Republic of | - | - | - | - | - | Zaire | - | - | 1 | - | - |
| | | | | | | Zimbabwe | 1 | 1 | - | - | 1 |

- Represents zero.

¹Data include utility, design, plant, and reissue patents. Country listings include possessions and territories of that country unless separately listed in the table.