REISSUE PATENTS

JANUARY 1977 -- DECEMBER 2008



March 2009 U.S. PATENT AND TRADEMARK OFFICE ELECTRONIC INFORMATION PRODUCTS DIVISION / PTMT P.O. Box 1450 ALEXANDRIA, VA 22313-1450 tel (571) 272-5600 / FAX (571) 273-0110

A PATENT TECHNOLOGY MONITORING TEAM REPORT

Reissue Patents Report 1/1977 - 12/2008 Explanation of Data

This Patent Technology Monitoring Team (PTMT) Report profiles patent activity for U.S. reissue patents (hereafter referred to as patents) granted between **1977 and December 2008**. The source of the data used for this report is the TAF database maintained by the U.S. Patent and Trademark Office.

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

Part A1 distributes patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes grant data by the year in which the patented application was filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2).

Patent data in the "Pre 1995" column corresponds to the period January 1, 1977 through December 31, 1994.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1977. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (ROUGHLY 35% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a patent and the issuing of the patent (i.e., a patent's "pendency") is now about 32 months, the patented application data for the most recent years are incomplete.* This is because a significant number of the applications filed in the most recent years, which will ultimately become patents, were still pending in **December 2008.** Since they had not yet become patents at the time this report was prepared, they were not included in this report.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity, since such fluctuations would for the most part be immune from changes in PTO processing such as occurred in years such as 1986 and 2005 when the PTO issued fewer patents than would have normally been expected due to administrative reasons. Note that a patent's "pendency" can be quite variable from one patent to another thereby affecting the date of patent grant. Such variation in pendency is

determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity. Part A1 presents data by year of patent grant ("Patents Granted by Date of Patent Grant"). Part A2 redistributes grant data by year of patent application ("Patents Granted by Date of Patent Application"). The location of patent origin is determined by the residence of the first-named inventor at the time of grant.

Patent ownership reflects ownership at the time of patent grant and does not include subsequent changes in ownership. If more than one assignee was declared at the time of grant, the patent is attributed to the first-named assignee. The U.S. and Foreign Corporation ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in these categories. While U.S. Government patent ownership includes only patents granted to the Federal Government, no similar distinction is made for Foreign Government patents.

Note that for a patent, the country of origin may differ from the country of ownership. Therefore, the sum of U.S. origin patents does not equal the sum of U.S. ownership category patents.

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) which have received 5 or more U.S. reissue patents since 1977. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented application was filed. Information on patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

^{*} As of **December 31, 2008**, UTILITY patent application data (most issued patent documents are utility patents) were approximately 98% complete for 2000 filings, 93% complete for 2001 filings, 90% complete for 2002 filings, 78% complete for 2003 filings, 60% complete for 2004 filings, 37% complete for 2005 filings, and 17% complete for 2006 filings. Data were essentially complete for applications filed prior to 2000. Currently, completion percentages restricted to reissue patents are not available.

Part A1 Patent Grants As Distributed By Year of Patent Grant

Page Al- 1

		Patents	Granted	By Da	te Of	Patent	Grant (Granted:	Jan 01,	1977 -	Dec 31,	2008)					
							NU	MBER OF	PATENTS								
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total	
Total	5650	316	279	277	298	448	524	480	460	421	298	245	519	508	647	11370	
U.S. Origin	3915	208	175	173	195	274	331	266	262	222	159	136	295	280	333	7224	
Foreign Origin	1735	108	104	104	103	174	193	214	198	199	139	109	224	228	314	4146	
JAPAN	664	61	49	51	48	86	112	98	87	98	67	55	115	106	143	1840	
GERMANY	293	9	9	10	15	20	13	23	23	21	12	10	13	20	19	510	
UNITED KINGDOM	213	6	11	8	8	8	13	11	18	8	8	4	10	12	19	357	
FRANCE	106	3	9	5	7	14	7	15	10	18	12	7	7	8	12	240	
CANADA	92	5	5	4	7	8	10	11	11	16	8	3	16	12	17	225	
ITALY	39	4	4	13	4	14	4	15	5	6	3	1	3	9	9	133	
SWEDEN	55	1	1	3	2	4		6	7	2	1	1	4	10	10	107	
NETHERLANDS	62	4	3	2	1	4	1	4	3	4	3	3	5		3	102	
SWITZERLAND	58	3	5		1	1	4	4	2		3		5	3	5	94	
KOREA, SOUTH	1	1	2	1		6	7	6	11	2	5	6	12	12	22	94	
TAIWAN	7	1		1			4	5	5	8	1	4	5	8	17	66	
ISRAEL	13	1	2		4	1	4	2	4	2	1	5	5	9	8	61	
AUSTRALIA	28	1	1		2	1	1	4	3	2			7	5	6	61	
DENMARK	20			1	2	4	2	2		2	2	1	3	3	1	43	
AUSTRIA	13	1			2	1	2	2	2	4	1	1		1	4	34	
BELGIUM	15						2		3	3			1	1	3	28	
FINLAND	7	2		1		1	1		1	2	1		2	1	2	21	
SPAIN	3	1		1			1				3	2	2	2	4	19	
NORWAY	14					1		1			1	1	1			19	
NEW ZEALAND	7		1				1	3					1	2		15	
CHINA, HONG KONG S.A.	R 2						1	1		1	1	2			1	9	
SINGAPORE								1				2	2	2	2	9	
SOUTH AFRICA	4						1		1							6	
RUSSIAN FEDERATION		1	1				1				1			1	1	6	
INDONESIA	1	2	1													4	
LUXEMBOURG	2								1				1			4	
ARGENTINA	2												1		1	4	
BRAZIL	2			1												3	
MEXICO	1			1							1					3	
PORTUGAL	1														1	2	
GREECE	1												1			2	
IRELAND	1			1												2	
THAILAND	1													1		2	
HUNGARY	2															2	
LIECHTENSTEIN	1	1														2	
CZECHOSLOVAKIA	2															2	
Others (12)	2						1		1		4	1	2		4	15	
Ownership:																	
U.S. Corporations	3205	164	134	146	163	214	265	234	211	198	136	114	254	242	297	5977	
U.S. Government	17	1		1		1	5	3			1	1	2	1		33	
U.S. Individuals	803	49	46	33	39	66	64	43	58	32	24	25	38	45	41	1406	
Foreign Corporations	1408	96	91	92	93	158	180	180	179	179	130	99	212	211	294	3602	
Foreign Government	20		1		1			1	1	1				2		27	
Foreign Individuals	197	6	7	5	2	9	10	19	11	11	7	6	13	7	15	325	

		Patents	Granted	By Da	te Of	Patent	Grant	(Granted:	Jan 01,	1977 -	Dec 31,	2008)					
							P	ERCENT OF	PATENTS								
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total	
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
U.S. Origin	69	66	63	62	65	61	63	55	57	53	53	56	57	55	51	64	
Foreign Origin	31	34	37	38	35	39	37	45	43	47	47	44	43	45	49	36	
JAPAN	12	19	18	18	16	19	21	20	19	23	22	22	22	21	22	16	
GERMANY	5	3	3	4	5	4	2	5	5	5	4	4	3	4	3	4	
UNITED KINGDOM	4	2	4	3	3	2	2	2	4	2	3	2	2	2	3	3	
FRANCE	2	1	3	2	2	3	1	3	2	4	4	3	1	2	2	2	
CANADA	2						2	2		4	3				3		
		2	2	1	2	2			2			1	3	2		2	
ITALY	1	1	1	5	1	3	1	3	1	1	1		1	2	1	1	
SWEDEN	1			1	1	1		1	2				1	2	2	1	
NETHERLANDS	1	1	1	1		1		1	1	1	1	1	1			1	
SWITZERLAND	1	1	2				1	1			1		1	1	1	1	
KOREA, SOUTH			1			1	1	1	2		2	2	2	2	3	1	
TAIWAN							1	1	1	2		2	1	2	3	1	
ISRAEL			1		1		1		1			2	1	2	1	1	
AUSTRALIA					1			1	1				1	1	1	1	
DENMARK					1	1					1		1	1		0	
AUSTRIA					1					1					1	0	
BELGIUM									1	1						0	
FINLAND		1														0	
SPAIN											1	1			1	0	
NORWAY											_	_			_	0	
NEW ZEALAND								1								0	
CHINA, HONG KONG S.A.	D							-				1				0	
SINGAPORE												1				0	
												_					
SOUTH AFRICA																0	
RUSSIAN FEDERATION		_														0	
INDONESIA		1														0	
LUXEMBOURG																0	
ARGENTINA																0	
BRAZIL																0	
MEXICO																0	
PORTUGAL																0	
GREECE																0	
IRELAND																0	
THAILAND																0	
HUNGARY																0	
LIECHTENSTEIN																0	
CZECHOSLOVAKIA																0	
Others (12)											1				1	0	
·																	
Ownership:																	
U.S. Corporations	57	52	48	53	55	48	51	49	46	47	46	47	49	48	46	53	
U.S. Government							1	1		= *						0	
U.S. Individuals	14	16	16	12	13	15	12	9	13	8	8	10	7	9	6	12	
J.D. HIMIVIGUALD	11	10	10	14	13	13	14	,	13	J	J	10	,	,	Ü	12	
Foreign Corporations	25	30	33	33	31	35	34	38	39	43	44	40	41	42	45	32	
Foreign Government	23	30	33	33	71	33	3-1	30	3,	-13	77	10	11	14	13	0	
Foreign Individuals	3	2	3	2	1	2	2	4	2	3	2	2	3	1	2	3	
roreign individuals	3		3	4		4	2	*	4	3	۷	4	3	_	4	3	

Part A2 Patent Grants As Distributed By Year of Patent Application

Foreign Individuals

REISSUE PATENTS REPORT, 1	977-2008								_						Page A2- 1	
-	Pat	ents Gr	anted B	y Date	Of Pat	ent App	lication	(Grant	ed: Jan	01, 1977	- Dec 3	1, 2008)				
				•												
						N	UMBER O	F PATENT	ED APPLI	CATIONS						
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 Total	
		400	400	4				400		250					44.000	
Total	6591	437	486	453	466	507	559	482	441	352	304	194	85	13	11370	
U.S. Origin	4491	256	308	256	270	285	300	271	243	218	163	113	43	7	7224	
Foreign Origin	2100	181	178	197	196	222	259	211	198	134	141	81	42	6	4146	
JAPAN	842	88	89	94	97	114	129	104	108	74	63	26	12		1840	
GERMANY	329	19	18	23	13	24	22	22	10	11	10	7	2		510	
UNITED KINGDOM	238	14	16	10	13	13	11	11	16	4	7	3	1		357	
FRANCE	126	17	9	5	10	10	19	19	7	7	6	4	1		240	
CANADA	109	7	7	8	13	11	15	14	13	7	9	7	3	2	225	
ITALY	60	17	5	12	5	10	7	2	2	2	1	4	5	1	133	
SWEDEN	60	5	8	7	4	5	2	4	1		2		9		107	
NETHERLANDS	74	4	4	4	2	4	3	3	2	2					102	
SWITZERLAND	69	1	2	2	3	4	2	1	2	3	2	2		1	94	
KOREA, SOUTH	7		4	6	10	10	11	5	12	5	13	9	1	1	94	
TAIWAN	9		1	1	5	6	8	6	7	6	8	7	2		66	
ISRAEL	17	2	4	4	3	1	10	4	4	3	4	4	1		61	
AUSTRALIA	33	1	4	4		4	4		3	1	3	4			61	
DENMARK	25	2	3	3	3			3	1		2		1		43	
AUSTRIA	14		3	2	2	1	5	2	2		2			1	34	
BELGIUM	15	1	1	3	2		2	3					1		28	
FINLAND	12			1	1	1	1	2		1	1		1		21	
NORWAY	14	1			2				1		1				19	
SPAIN	4	1		1	2	3			3	3	2				19	
NEW ZEALAND	10			2			1				1	1			15	
CHINA, HONG KONG S.A.R	2				2		2		1	1	1				9	
SINGAPORE				2	1		4				1	1			9	
SOUTH AFRICA	4			1	1										6	
RUSSIAN FEDERATION	2			1	1			1		1					6	
INDONESIA	4							_		_					4	
LUXEMBOURG	2							1	_	1					4	
ARGENTINA	2							1	1	_					4	
MEXICO	2	1								1					3	
BRAZIL PORTUGAL	1	_										1			2	
IRELAND	2											_			2	
CZECHOSLOVAKIA	2														2	
THAILAND	1												1		2	
LIECHTENSTEIN	2														2	
GREECE	1										1				2	
HUNGARY	2														2	
Others (12)	2			1	1	1	1	3	2	1	1	1	1		15	
Ownership:																
U.S. Corporations	3679	210	250	219	220	246	244	231	200	182	152	96	42	6	5977	
U.S. Government	20	2	3	1	1	1	1		1	1	2				33	
U.S. Individuals	924	51	65	42	53	49	59	44	42	33	18	19	5	2	1406	
Foreign Corporations	1728	165	158	182	181	194	242	195	185	132	126	74	36	4	3602	
Foreign Government	20	2	2			1		1	1						27	
The contract of the Contract o	200	-	•	•		1.0	1.0		10	4	_	_	_	-	205	

	Pat	tents Gr	ranted I	By Date	Of Pat	tent App	plication	(Grant	ed: Jan	01, 1977	- Dec 3	1, 2008)		•		
						1	PERCENT C	F PATENT	ED APPLI	CATIONS						
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 Total	
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
U.S. Origin	68	59	63	57	58	56	54	56	55	62	54	58	51	54	64	
Foreign Origin	32	41	37	43	42	44	46	44	45	38	46	42	49	46	36	
JAPAN	13	20	18	21	21	22	23	22	24	21	21	13	14		16	
GERMANY	5	4	4	5	3	5	4	5	2	3	3	4	2		4	
UNITED KINGDOM	4	3	3	2	3	3	2	2	4	1	2	2	1		3	
FRANCE	2	4	2	1	2	2	3	4	2	2	2	2	1		2	
CANADA	2	2	1	2	3	2	3	3	3	2	3	4	4	15	2	
ITALY	1	4	1	3	1	2	1			1		2	6	8	1	
SWEDEN	1	1	2	2	1	1		1			1		11		1	
NETHERLANDS	1	1	1	1	_	1	1	1		1	-				1	
SWITZERLAND	1	-	_	-	1	1	-	_		1	1	1		8	1	
KOREA, SOUTH	-		1	1	2	2	2	1	3	1	4	5	1	8	1	
TAIWAN			_	_	1	1	1	1	2	2	3	4	2	0	1	
ISRAEL			1	1	1		2	1	1	1	1	2	1		1	
AUSTRALIA	1		1	1	-	1	1	1	1	_	1	2	1			
	1		1		-	1	_	1	1			2	-		1	
DENMARK				1	1		_	1			1		1	•	0	
AUSTRIA			1	_			1	_			1			8	0	
BELGIUM				1				1					1		0	
FINLAND													1		0	
NORWAY															0	
SPAIN						1			1	1	1				0	
NEW ZEALAND												1			0	
CHINA, HONG KONG S.A	.R														0	
SINGAPORE							1					1			0	
SOUTH AFRICA															0	
RUSSIAN FEDERATION															0	
INDONESIA															0	
LUXEMBOURG															0	
ARGENTINA															0	
MEXICO															0	
BRAZIL															0	
PORTUGAL												1			0	
IRELAND															0	
CZECHOSLOVAKIA															0	
THAILAND													1		0	
LIECHTENSTEIN															0	
GREECE															0	
HUNGARY															0	
Others (12)								1				2	2		0	
,																
Ownership:																
U.S. Corporations	56	48	51	48	47	49	44	48	45	52	50	49	49	46	53	
U.S. Government			1								1				0	
U.S. Individuals	14	12	13	9	11	10	11	9	10	9	6	10	6	15	12	
0.2. 1141.144415				_				_		•	Ū		ŭ		12	
Foreign Corporations	26	38	33	40	39	38	43	40	42	38	41	38	42	31	32	
Foreign Government	23	- 50	- 55		- 55	- 50				50		50		71	0	
Foreign Individuals	3	2	2	2	2	3	2	2	3	1	2	3	2	8	3	
rorergn individuals	3	4	4		4	3	4	4	,		4	,	4	Ü	3	

Part B

Ranked Listing of Organizations with Patent Grants
As Distributed By Year of Patent Grant
and As Distributed By Year of Patent Application

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31,	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents	-
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
	1333	1,,,,	1330	100,	1330	1333	2000	2001	2002	2003	2001	2005	2000	2007	2000	1011111	
HITACHI, LTD																	
Patents By Year of Grant:	76	4	3	4	7	0	7	7	6	8	4	1	8	11	6	152	
Patents By Year of Application:	92	6	8	4	3	6	7	5	11	2	5	1	2	0	0	152	
MATSUSHITA ELECTRIC INDUSTRIAL CO., I																	
Patents By Year of Grant:	13	2	1	3	2	4	7	9	5	4	9	12	26	23	25	145	
Patents By Year of Application:	23	3	5	5	8	10	29	19	10	25	7	1	0	0	0	145	
GENERAL ELECTRIC COMPANY																	
Patents By Year of Grant:	64	3	2	2	1	2	2	0	1	0	1	0	3	2	2	85	
Patents By Year of Application:	69	3	0	2	2	0	2	0	1	4	1	1	0	0	0	85	
SONY CORPORATION																	
Patents By Year of Grant:	18	1	2	1	2	1	7	6	4	5	7	3	1	5	10	73	
Patents By Year of Application:	26	3	3	5	2	6	10	3	5	0	7	3	0	0	0	73	
INTERNATIONAL BUSINESS MACHINES CORPO	ORATION																
Patents By Year of Grant:	31	1	3	1	0	6	5	5	2	5	1	1	2	1	2	66	
Patents By Year of Application:	39	5	6	2	2	3	3	1	1	2	2	0	0	0	0	66	
MITSUBISHI DENKI KABUSHIKI KAISHA																	
Patents By Year of Grant:	21	2	3	4	1	7	9	0	2	2	2	2	2	1	5	63	
Patents By Year of Application:	29	6	6	5	5	1	2	2	2	2	0	0	3	0	0	63	
AT&T CORP.																	
Patents By Year of Grant:	57	2	0	0	0	0	1	0	0	0	0	0	0	0	0	60	
Patents By Year of Application:	59	0	1	0	0	0	0	0	0	0	0	0	0	0	0	60	
TOSHIBA CORPORATION																	
Patents By Year of Grant:	7	3	1	1	5	4	11	4	4	2	1	2	4	2	6	57	
Patents By Year of Application:	13	7	2	6	9	4	3	5	3	2	2	1	0	0	0	57	
CANON KABUSHIKI KAISHA																	
Patents By Year of Grant:	23	2	4	1	0	3	4	0	2	2	1	4	1	2	7	56	
Patents By Year of Application:	29	4	1	4	2	2	4	5	2	1	1	0	1	0	0	56	
MINNESOTA MINING AND MANUFACTURING CO	OMPANY 33	7	2	5	1	4	2	1	0	1	0	0	0	0	0	56	
Patents By Year of Grant:	46	2	3	3	1	4	0	0	0	0	0	0	0	0	0	56	
Patents By Year of Application:	40	2	3	3	1	1	U	U	U	U	U	U	U	U	U	50	
SEIKO EPSON CORPORATION																	
Patents By Year of Grant:	4	3	2	0	1	2	4	1	6	10	2	2	5	5	8	55	
Patents By Year of Application:	11	1	4	3	4	1	3	13	7	3	1	4	0	0	0	55	

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	I	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3						-										
	Pre	1005			1000	1000							2225			
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	38	1	1	0	5	0	1	0	1	2	1	0	1	2	0	53
Patents By Year of Application:	41	0	3	3	0	1	0	3	0	0	1	0	1	0	0	53
racenes by rear or approaches.		•		<u> </u>		-	•	J	•	•	-		-	•	•	33
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	39	0	1	0	2	1	1	3	1	1	0	0	1	0	2	52
Patents By Year of Application:	41	0	1	1	2	2	1	0	2	0	1	1	0	0	0	52
		-		_			_	-	_	-			-	-	-	
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	2	0	0	1	8	8	8	3	3	3	0	3	6	3	4	52
Patents By Year of Application:	2	9	25	0	1	1	0	5	6	3	0	0	0	0	0	52
_ = = = = = = = = = = = = = = = = = = =																
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	1	1	1	0	0	4	2	0	9	0	5	3	7	7	6	46
Patents By Year of Application:	5	0	1	3	2	5	10	5	6	2	7	0	0	0	0	46
FUJITSU LIMITED																
Patents By Year of Grant:	8	1	0	0	2	4	5	7	3	3	1	2	1	2	6	45
Patents By Year of Application:	9	1	7	7	1	10	3	2	0	2	0	1	2	0	0	45
NIKON CORPORATION																
Patents By Year of Grant:	8	0	0	2	3	2	4	5	4	5	5	1	3	2	1	45
Patents By Year of Application:	10	4	4	2	3	8	8	5	0	0	1	0	0	0	0	45
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	33	1	0	0	1	1	2	2	1	0	1	0	1	1	0	44
Patents By Year of Application:	34	2	0	2	0	2	1	0	1	2	0	0	0	0	0	44
RICOH COMPANY, LTD.																
Patents By Year of Grant:	9	1	0	2	0	3	2	6	3	3	1	1	1	6	5	43
Patents By Year of Application:	13	0	4	3	2	7	3	1	2	5	3	0	0	0	0	43
CATERPILLAR INC.																
Patents By Year of Grant:	29	0	1	0	0	1	1	1	1	0	0	1	0	1	1	37
Patents By Year of Application:	30	0	1	1	1	1	0	1	1	0	0	0	1	0	0	37
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	27	1	0	2	0	1	0	1	1	0	0	0	0	0	0	33
Patents By Year of Application:	30	2	0	0	0	1	0	0	0	0	0	0	0	0	0	33
XEROX CORPORATION																
Patents By Year of Grant:	21	0	0	2	1	0	0	1	0	1	1	1	1	1	2	32
Patents By Year of Application:	21	3	0	0	0	1	0	3	3	0	1	0	0	0	0	32

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	cents
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
EATON CORPORATION																
Patents By Year of Grant:	24	0	0	0	1	0	2	1	1	0	1	0	0	1	0	31
Patents By Year of Application:	25	0	2	1	0	0	2	0	0	1	0	0	0	0	0	31
RCA CORPORATION																
Patents By Year of Grant:	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Patents By Year of Application:	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	9	1	5	2	1	5	6	0	0	0	0	0	0	0	0	29
Patents By Year of Application:	16	9	4	0	0	0	0	0	0	0	0	0	0	0	0	29
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	26	0	0	1	0	0	0	1	0	0	0	0	0	0	0	28
Patents By Year of Application:	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
ELI LILLY AND COMPANY																
Patents By Year of Grant:	18	1	0	0	0	0	0	0	2	1	0	0	5	0	1	28
Patents By Year of Application:	19	0	0	0	0	3	1	1	1	3	0	0	0	0	0	28
NEC CORPORATION																
Patents By Year of Grant:	12	0	0	0	2	2	1	2	2	0	2	0	1	2	2	28
Patents By Year of Application:	13	1	0	2	1	3	2	1	2	1	0	2	0	0	0	28
L'OREAL S.A.																
Patents By Year of Grant:	4	0	0	0	0	0	0	1	2	10	3	3	1	1	1	26
Patents By Year of Application:	4	0	0	1	0	3	4	12	0	1	0	1	0	0	0	26
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	8	1	0	1	0	2	1	3	2	2	1	2	0	2	1	26
Patents By Year of Application:	10	1	0	1	1	4	2	2	2	3	0	0	0	0	0	26
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	14	2	2	0	0	1	3	0	0	1	0	0	0	1	0	24
Patents By Year of Application:	19	2	0	0	1	0	1	0	0	1	0	0	0	0	0	24
MOTOROLA, INC.																
Patents By Year of Grant:	18	0	2	0	0	0	2	0	1	0	0	0	0	0	0	23
Patents By Year of Application:	20	1	0	1	1	0	0	0	0	0	0	0	0	0	0	23
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	9	1	0	0	0	3	0	0	2	5	2	0	1	0	0	23
Patents By Year of Application:	10	1	1	1	0	0	1	6	3	0	0	0	0	0	0	23

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31,	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	6	0	0	0	1	0	1	1	3	1	1	2	4	1	2	23
Patents By Year of Application:	7	0	1	0	0	4	2	1	2	0	5	1	0	0	0	23
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	13	1	2	0	0	0	1	0	3	0	0	0	0	1	1	22
Patents By Year of Application:	16	1	2	0	0	0	0	1	0	1	0	1	0	0	0	22
LG ELECTRONICS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	3	4	0	0	0	2	3	4	6	22
Patents By Year of Application:	0	0	0	0	7	3	0	1	0	2	2	6	1	0	0	22
ALLIED-SIGNAL INC.	1.0	•		^	•	•	^	•	-	•	•	•	•	•		0.1
Patents By Year of Grant: Patents By Year of Application:	16 18	2 1	1	0	0	0	0 1	0	1	0 1	0	0	0	0	1	21 21
-	10	1	U	U	U	U	_	U	U	1	U	U	U	U	U	21
PAPST LICENSING GMBH & CO. KG																
Patents By Year of Grant:	1	0	1	1	2	1	1	3	3	3	3	1	1	0	0	21
Patents By Year of Application:	4	4	2	4	1	6	0	0	0	0	0	0	0	0	0	21
YAMAHA CORPORATION Patents By Year of Grant:	1	1	1	0	1	0	1	4	2	2	2	0	0	1	2	21
Patents By Year of Application:	7	0	1	2	2	3	4	1	0	0	1	0	0	0	0	21
3M INNOVATIVE PROPERTIES COMPANY	,	ŭ	-	-	-	J	•	-	ŭ	v	_	v	ŭ	ŭ	ŭ	22
Patents By Year of Grant:	0	0	0	0	0	0	2	3	2	5	0	2	1	2	3	20
Patents By Year of Application:	1	0	0	0	3	6	4	1	3	1	1	0	0	0	0	20
APPLE COMPUTER, INC.																
Patents By Year of Grant:	2	0	0	0	0	1	0	0	0	1	5	2	2	4	3	20
Patents By Year of Application:	2	1	0	0	0	1	1	7	3	3	1	1	0	0	0	20
INTEL CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	2	1	1	0	1	3	1	4	4	2	20
Patents By Year of Application:	1	2	2	2	1	0	2	2	3	4	0	1	0	0	0	20
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	9	1	0	0	1	3	1	3	1	0	0	0	1	0	0	20
Patents By Year of Application:	13	2	2	0	0	2	0	0	1	0	0	0	0	0	0	20
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	15	0	0	2	0	1	0	0	0	1	0	0	0	0	1	20
Patents By Year of Application:	16	2	0	1	0	1	0	0	0	0	0	0	0	0	0	20

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	2008)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	15	0	0	0	1	1	1	0	0	1	0	0	0	1	0	20
Patents By Year of Application:	15	0	1	0	1	2	0	0	0	0	1	0	0	0	0	20
raconos si rom es representa		ū	=	•	-	-	•	ū	•	•	-	•	ū			
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	12	1	0	1	0	0	0	3	2	0	0	0	0	0	0	19
Patents By Year of Application:	14	0	0	0	5	0	0	0	0	0	0	0	0	0	0	19
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	1	1	1	5	4	3	0	1	1	1	0	1	19
Patents By Year of Application:	3	2	3	1	2	3	1	1	2	0	0	1	0	0	0	19
MOBIL OIL CORP.	10	•	•	•	•	•	-	•	•	•	•	•	•	•	•	10
Patents By Year of Grant: Patents By Year of Application:	18 19	0	0	0	0	0	1 0	0	0	0	0	0	0	0	0	19 19
Patents by Year Or Application:	19	U	U	U	U	U	U	U	U	U	U	U	U	U	U	19
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	17	0	0	0	0	0	0	0	2	0	0	0	0	0	0	19
Patents By Year of Application:	17	0	2	0	0	0	0	0	0	0	0	0	0	0	0	19
SGS-THOMSON MICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	2	1	8	3	3	2	0	0	0	0	0	0	0	0	19
Patents By Year of Application:	9	7	2	1	0	0	0	0	0	0	0	0	0	0	0	19
CORNING INCORPORATED																
Patents By Year of Grant:	5	1	1	0	0	0	1	0	2	2	1	1	2	1	1	18
Patents By Year of Application:	7	0	1	1	1	2	0	2	2	1	0	0	0	1	0	18
WOMEN GENERAL MORNO MARIAMENT WATERLY (M		on ao .	·													
HONDA GIKEN KOGYO KABUSHIKI KAISHA (H Patents By Year of Grant:	IONDA MOTO	JR CO., . 1	LTD.)	0	0	1	0	0	1	0	0	1	1	0	2	18
Patents By Year of Application:	12	0	2	0	0	0	0	1	0	2	1	0	0	0	0	18
ratenes by rear or apprication:	12	U	2	U	U	U	U	-	U	2	_	U	U	U	U	10
UNISYS CORPORATION																
Patents By Year of Grant:	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Patents By Year of Application:	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YA	мана мото	OR CO.,	LTD.													
Patents By Year of Grant:	10	2	1	1	0	0	0	2	1	0	0	0	0	0	1	18
Patents By Year of Application:	14	1	0	0	2	0	0	0	0	0	1	0	0	0	0	18
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	14	0	0	0	1	1	0	0	1	0	0	0	0	0	0	17
Patents By Year of Application:	14	0	2	0	0	0	1	0	0	0	0	0	0	0	0	17

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	_															
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
HONEYWELL INC.																
Patents By Year of Grant:	10	1	1	1	0	1	3	0	0	0	0	0	0	0	0	17
Patents By Year of Application:	11	1	3	2	0	0	0	0	0	0	0	0	0	0	0	17
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	17
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
SHARP KABUSHIKI KAISHA (SHARP CORPORA	-															
Patents By Year of Grant:	5	0	1	2	0	0	0	3	2	1	0	1	1	1	0	17
Patents By Year of Application:	8	0	0	0	2	1	4	0	1	1	0	0	0	0	0	17
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	0	0	0	2	1	5	2	3	3	0	0	0	1	17
Patents By Year of Application:	2	5	1	1	0	5	1	1	0	1	0	0	0	0	0	17
UNION CARBIDE CORPORATION																
Patents By Year of Grant:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
AMP INCORPORATED																
Patents By Year of Grant:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	14	0	0	0	1	0	0	1	0	0	0	0	0	0	0	16
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
DOW CORNING CORPORATION		_	_	_	_	_	_	_	_	_	_	_	_	_	_	
Patents By Year of Grant:	11	1	1	1	0	0	1	0	0	1	0	0	0	0	0	16
Patents By Year of Application:	14	0	1	0	0	0	0	1	0	0	0	0	0	0	0	16
THE PHONE THE GO IND																
FUJI PHOTO FILM CO., LTD		_	_	_	_				_	_			_	•		
Patents By Year of Grant:	9	1	0	0	1	1	0	1	0	2	0	0	1	0	0	16
Patents By Year of Application:	11	1	0	1	0	0	2	0	1	0	0	0	0	0	0	16
NIDDON CANNI GHIDO WANGUINI WAR																
NIPPON GAKKI SEIZO KABUSHIKI KAISHA	1.0	^	^	^	^	^	^	^	^	^	^	^	^	^	^	16
Patents By Year of Grant:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	16	0	0	0	U	0	U	U	U	U	U	U	U	U	0	16
NISSAN MOTOR COMPANY, LIMITED																
	11	^	-1	-	0	0	^	-	-	-	^	^	^	0	^	16
Patents By Year of Application	11 13	0	1 0	1	0	0	0 3	1 0	1 0	1 0	0	0	0	0	0	16 16
Patents By Year of Application:	13	U	U	U	U	U	3	U	U	U	U	U	U	U	U	Τ0

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	9	1	0	0	0	1	2	0	0	1	0	0	0	1	1	16
Patents By Year of Application:	10	0	0	0	3	1	0	1	0	0	1	0	0	0	0	16
ROBERT BOSCH GMBH																
Patents By Year of Grant:	12	0	1	0	0	1	0	0	0	1	0	0	0	0	1	16
Patents By Year of Application:	13	0	0	1	0	0	1	0	1	0	0	0	0	0	0	16
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	15	0	0	0	1	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	12	0	0	0	1	1	0	1	0	0	0	0	0	0	0	15
Patents By Year of Application:	12	0	1	1	0	0	1	0	0	0	0	0	0	0	0	15
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	9	1	0	0	1	0	0	0	0	1	1	0	0	1	1	15
Patents By Year of Application:	10	0	1	1	0	0	0	1	1	0	1	0	0	0	0	15
DEERE + COMPANY																
Patents By Year of Grant:	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Patents By Year of Application:	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	12	0	0	0	0	0	1	0	1	0	0	0	0	0	0	14
Patents By Year of Application:	12	0	0	0	1	0	1	0	0	0	0	0	0	0	0	14
OUTBOARD MARINE CORPORATION																
Patents By Year of Grant:	12	1	0	0	0	1	0	0	0	0	0	0	0	0	0	14
Patents By Year of Application:	13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	14
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	12	0	1	0	0	1	0	0	0	0	0	0	0	0	0	14
Patents By Year of Application:	13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	14
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	0	0	0	0	0	2	1	1	3	2	0	1	0	2	2	14
Patents By Year of Application:	2	0	0	2	1	0	6	2	1	0	0	0	0	0	0	14
UNIVERSITY OF CALIFORNIA, THE REGENTS	OF															
Patents By Year of Grant:	6	0	0	1	0	0	0	0	1	1	0	0	1	1	3	14
Patents By Year of Application:	7	0	0	0	0	1	0	3	0	1	1	0	1	0	0	14

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	cents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	4	3	1	1	0	0	3	0	1	1	0	0	0	0	0	14
Patents By Year of Application:	9	0	0	0	2	1	2	0	0	0	0	0	0	0	0	14
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	4	2	1	1	0	1	0	0	0	0	0	1	2	0	1	13
Patents By Year of Application:	7	2	0	0	0	1	0	1	1	0	1	0	0	0	0	13
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	10	2	1	0	0	0	0	0	0	0	0	0	0	0	0	13
Patents By Year of Application:	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	5	1	0	0	1	1	1	0	3	0	0	0	0	1	0	13
Patents By Year of Application:	7	1	0	0	3	0	1	0	0	0	0	1	0	0	0	13
SGS-THOMSON MICROELECTRONICS S.A.																
Patents By Year of Grant:	2	0	3	1	1	4	2	0	0	0	0	0	0	0	0	13
Patents By Year of Application:	9	3	1	0	0	0	0	0	0	0	0	0	0	0	0	13
ABBOTT LABORATORIES																
Patents By Year of Grant:	7	0	0	0	0	0	1	0	0	0	0	0	2	2	0	12
Patents By Year of Application:	7	1	0	0	0	0	0	0	1	0	3	0	0	0	0	12
CARRIER CORPORATION																
Patents By Year of Grant:	5	0	0	0	1	1	1	0	1	0	0	0	1	1	1	12
Patents By Year of Application: DANA CORPORATION	5	1	2	0	1	0	0	1	1	1	0	0	0	0	0	12
	9	0	0	0	0	2	•	0	•	^	0	0	1	0	•	12
Patents By Year of Grant:	9	0	1	1	0	0	0	0	0	0	0	0	1	0	0	12
Patents By Year of Application:	9	U	1	1	U	U	U	U	U	1	U	U	U	U	U	12
KONICA CORPORATION	_	•	•		•	•		•		•	•	•	-	•		10
Patents By Year of Grant:	5 6	0	0	1	0	2	1	0	1	0 1	0	0	1	0	1	12 12
Patents By Year of Application:	ь	3	1	U	U	U	U	U	1	1	0	U	U	U	0	12
MEDTRONIC INC.		_			_	_		_	_		_			_		
Patents By Year of Grant:	6	0	0	1	0	0	1	2	0	0	1	1	0	0	0	12
Patents By Year of Application:	7	1	0	2	0	0	0	2	0	0	0	0	0	0	0	12
MOLEX INCORPORATED																
Patents By Year of Grant:	6	0	2	0	2	0	0	1	0	0	0	1	0	0	0	12
Patents By Year of Application:	7	1	2	0	0	1	0	0	1	0	0	0	0	0	0	12

Organizational Patentin	ng			(Grante	d: Jan 0	1, 1977	- Dec 31	2008)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents	
	Pre	1005	1005	1000	1000	1000					2224		2225				
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
SANDVIK INTELLECTUAL PROPERTY AB																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	12	
Patents By Year of Application:	0	0	2	1	0	0	0	0	0	0	0	0	9	0	0	12	
BAKER HUGHES INCORPORATED																	
Patents By Year of Grant:	2	0	1	0	0	1	1	1	0	1	1	1	0	0	2	11	
Patents By Year of Application:	3	1	0	1	2	0	0	1	1	0	2	0	0	0	0	11	
BRISTOL-MYERS SQUIBB COMPANY																	
Patents By Year of Grant:	5	0	0	1	0	1	0	0	0	0	0	0	2	1	1	11	
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	1	3	0	0	0	11	
HOECHST AKTIENGESELLSCHAFT																	
Patents By Year of Grant:	6	2	2	0	1	0	0	0	0	0	0	0	0	0	0	11	
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
HOFFMANN-LA ROCHE INC.	•		•	•	•	•		•	•	•	•	•	•	•	•		
Patents By Year of Grant: Patents By Year of Application:	9 10	1	0	0	0 1	0	1	0	0	0	0	0	0	0	0	11 11	
racents by rear of Application:	10	U	U	U	1	U	U	U	U	U	U	U	U	U	U	11	
OLIN CORPORATION																	
Patents By Year of Grant:	10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	11	
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
SHELL OIL COMPANY																	
Patents By Year of Grant:	8	0	1	1	0	0	1	0	0	0	0	0	0	0	0	11	
Patents By Year of Application:	8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	11	
GUDA WEGDOGWATTING TWG																	
SUN MICROSYSTEMS, INC. Patents By Year of Grant:	0	0	0	0	0	1	1	0	0	4	2	0	2	1	0	11	
Patents By Year of Application:		0	2	0	1	1	2	2	1	1	1	0	0	0	0	11	
14001105 57 1041 01 11	•	ū	=	·	=	-	_	_	_	=	-	·			•		
UPJOHN COMPANY																	
Patents By Year of Grant:	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
AMOCO CORPORATION					_					_							
Patents By Year of Grant:	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	10	
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
ASAHI KASEI KOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:	6	1	0	1	0	0	0	0	0	2	0	0	0	0	0	10	
Patents By Year of Application:	8	0	0	0	0	0	0	1	1	0	0	0	0	0	0	10	

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	I	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
	1993	1993	1990	1337	1990	1999	2000	2001	2002	2003	2004	2003	2000	2007	2008	TOTAL
BETHLEHEM STEEL CORPORATION																
Patents By Year of Grant:	8	0	0	1	0	0	0	0	1	0	0	0	0	0	0	10
Patents By Year of Application:	9	0	0	0	0	1	0	0	0	0	0	0	0	0	0	10
EBARA CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	0	2	0	3	2	1	0	10
Patents By Year of Application:	0	0	0	2	1	1	2	1	2	0	1	0	0	0	0	10
INTERNATIONAL PAPER CO.																
Patents By Year of Grant:	7	0	0	0	0	1	0	0	2	0	0	0	0	0	0	10
Patents By Year of Application:	7	0	0	1	1	1	0	0	0	0	0	0	0	0	0	10
NATIONAL RESEARCH DEVELOPMENT CORPORA																
Patents By Year of Grant:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
OTIS ENGINEERING CORPORATION																
Patents By Year of Grant:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	2	0	0	1	1	1	1	10
Patents By Year of Application:	4	1	0	0	0	0	2	0	1	0	1	1	0	0	0	10
THOMAS + BETTS CORPORATION																
Patents By Year of Grant:	8	1	0	0	0	0	0	0	0	1	0	0	0	0	0	10
Patents By Year of Application:	9	0	0	0	0	0	0	1	0	0	0	0	0	0	0	10
TOKYO ELECTRON LIMITED	•	•		•	•		•	-	•	•	•	•				10
Patents By Year of Grant:	0	0	0	0	0	1	2	1	0	0	0	0	1	1	4	10
Patents By Year of Application:	0	0	1	0	5	2	1	0	0	1	0	0	0	0	0	10
TOW THE																
TRW INC.	•	•	•	•	0	•	•		•	•	0	•	1	•	•	10
Patents By Year of Grant:	9	0	0	0	0 1	0 0	0	0	0	0	0	0	1 0	0	0	10 10
Patents By Year of Application:	9	U	U	U	1	U	U	U	U	U	U	U	U	U	U	10
ANALOG DEVICES, INC.																
Patents By Year of Grant:	4	0	0	0	1	0	1	0	1	1	0	0	0	0	1	9
Patents By Year of Grant: Patents By Year of Application:	4 5	0	0	0	1	2	0	0	0	0	0	0	1	0	0	9
racents by rear or application:	5	U	U	U		2	U	U	U	U	U	U		U	U	9
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	1	0	0	0	0	1	1	3	1	1	1	0	0	0	0	9
Patents By Year of Application:	1	0	1	1	2	1	2	1	0	0	0	0	0	0	0	9
racenes by rear or apprication:		J	_			_		-	J				Ü	J	Ü	,

REISSUE PATENTS REPORT, 1977-2008															Page	В - 11	
Organizational Patenting				(Grante	d• .Tan 01	. 1977	- Dec 31.	2008)	P	anked Lie	st of Or	ganizati	ong with	5 or	More Pat	ents	_
Organizacional Facencing				(Grance	u. Jan J.	., 1011	- Dec 31,	2000)	1	ankea DI.	SC OI OI	ganizaci	OIIS WICII	3 01	MOTE FAC	.encb	
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
AVENTIS PHARMA SA																	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	3	0	3	1	0	1	0	9	
Patents By Year of Application:	0	0	0	0	0	0	5	2	1	1	0	0	0	0	0	9	
BORG-WARNER CORPORATION																	
Patents By Year of Grant:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
BRITISH TELECOMMUNICATION, PLC	_	•	•	•	-	•	•	_	_	_	•	•	•	_	•	•	
Patents By Year of Grant:	3 6	2 0	0 1	0	1 0	0	0	0 2	2 0	0	0	0 0	0	1 0	0	9 9	
Patents By Year of Application:	6	U	1	U	U	U	U	2	U	U	U	U	U	U	U	9	
CHEVRON RESEARCH & TECHNOLOGY CO.																	
Patents By Year of Grant:	8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	9	
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
HITACHI METALS LTD.																	
Patents By Year of Grant:	4	0	0	0	0	0	0	0	1	2	0	0	0	0	2	9	
Patents By Year of Application:	4	0	0	0	1	0	0	2	0	1	1	0	0	0	0	9	
INFINEON TECHNOLOGIES AG																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	2	0	0	2	1	3	9	
Patents By Year of Application:	0	0	0	0	0	0	0	3	1	3	2	0	0	0	0	9	
MERCK + CO., INC.	_	_	_	_	_	_	_				_	_			_	_	
Patents By Year of Grant:	5 5	0	0 1	0 1	0 2	0 0	2 0	0	0	0	0	0 0	2 0	0	0	9	
Patents By Year of Application:	5	U	1	1	2	U	U	U	0	U	U	U	U	0	U	9	
PITNEY-BOWES, INC.																	
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	9	
Patents By Year of Application:	7	0	0	0	0	0	0	0	1	0	1	0	0	0	0	9	
14001105 27 1041 01 11571104010111	•		•	·	•	·	•	· ·	-		_	·	·	·		-	
ROHM AND HAAS COMPANY																	
Patents By Year of Grant:	8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	9	
Patents By Year of Application:	8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	9	
SEMICONDUCTOR ENERGY LABORATORY CO.,																	
Patents By Year of Grant:	3	0	0	0	0	1	0	1	0	2	0	1	1	0	0	9	
Patents By Year of Application:	3	1	1	2	1	0	0	1	0	0	0	0	0	0	0	9	
delivered interest																	
STANFORD UNIVERSITY					•	•	•					_	•	_		•	
Patents By Year of Grant:	3	1	1	0	0	0	0	1	0	1	1	0	0	0	1	9	

Patents By Year of Application:

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents	
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
TELEFONAKTIEBOLAGET LM ERICSSON																	
Patents By Year of Grant:	0	0	0	0	1	2	0	2	3	0	0	0	0	0	1	9	
Patents By Year of Application:	2	0	0	2	2	2	0	0	0	0	0	1	0	0	0	9	
UNITED STATES OF AMERICA, NAVY																	
Patents By Year of Grant:	3	0	0	0	0	1	2	1	0	0	0	0	2	0	0	9	
Patents By Year of Application:	3	1	1	0	1	0	1	0	0	0	2	0	0	0	0	9	
BECTON, DICKINSON AND COMPANY																	
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	1	0	2	1	1	8	
Patents By Year of Application:	3	0	0	0	2	2	0	0	0	0	1	0	0	0	0	8	
BLACK & DECKER INC.																	
Patents By Year of Grant:	1	0	0	0	0	1	0	2	1	0	0	0	1	0	2	8	
Patents By Year of Application:	2	0	0	0	1	2	0	0	1	1	0	1	0	0	0	8	
BOEING COMPANY																	
Patents By Year of Grant:	5	1	0	0	0	0	2	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	6	0	1	0	1	0	0	0	0	0	0	0	0	0	0	8	
BRUNSWICK CORPORATION																	
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	8	
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	1	0	0	0	0	8	
CASIO COMPUTER CO. LTD.																_	
Patents By Year of Grant:	5	0	0	0	0	1	0	0	0	1	0	0	1	0	0	8	
Patents By Year of Application: GIST-BROCADES N.V.	6	0	0	1	0	0	0	0	1	0	0	0	0	0	0	8	
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
GOODYEAR TIRE + RUBBER COMPANY	•	Ū	Ū	Ū	U	Ū	Ū	U	Ū	Ū	Ū	Ū	v	Ü	Ū	•	
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
	J	Ū	Ü	Ů	Ū	Ů	Ū	Ü	ŭ	Ů	v	Ü	v	Ü	Ü	Ü	
HALLIBURTON ENERGY SERVICES, INC.	0	0	0	0	0	0	0	0	1	0	3	0	2	0	2	8	
Patents By Year of Grant:	0	0	0	1	0	0	0	5	1	0	0	1	0	1	0	8	
Patents By Year of Application:	U	U	U	1	U	U	U	э	U	U	U	1	U	1	U	0	
MEAD CORPORATION	_		_														
Patents By Year of Grant:	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	

REISSUE PATENTS REPORT, 1977-2008 Page B - 13

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31,	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents	
	_																
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
	1000	1000	1330	1337	1,,,,	1,,,,	2000	2001	2002	2005	2001	2005	2000	2007	2000	1011111	
MICROSOFT CORPORATION																	
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	3	0	1	2	1	0	8	
Patents By Year of Application:	0	1	0	0	1	2	1	2	0	1	0	0	0	0	0	8	
NIPPONDENSO CO., LTD.	•		•		•	-	•	•	•	•	-	•	•	•	•		
Patents By Year of Grant: Patents By Year of Application:	2 6	3 1	0	1	0	1	0	0	0	0	1	0	0	0	0	8	
Pacents by rear or Apprication:	0		U	U	U	U	U	U	_	U	U	U	U	U	U	0	
NORDSON CORPORATION																	
Patents By Year of Grant:	4	1	0	0	1	0	0	0	0	0	1	0	1	0	0	8	
Patents By Year of Application:	5	0	1	0	0	0	0	1	0	1	0	0	0	0	0	8	
PAPST-MOTOREN KG																	
Patents By Year of Grant:	7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	8	
R. J. REYNOLDS TOBACCO COMPANY																	
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
racones by rear or approactors	J	J	v	ŭ	Ū	Ū	v	•	Ū	· ·	v	Ū	v	•	•	J	
SANDERS ASSOCIATES INC.																	
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
SECRETARY OF STATE FOR DEFENCE IN HER			STY'S GOV			NITED KI											
Patents By Year of Grant:	5	0	1	0	0	0	0	1	1	0	0	0	0	0	0	8	
Patents By Year of Application:	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	8	
SHIMANO INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	1	1	0	1	0	0	2	3	0	8	
Patents By Year of Application:	0	0	0	2	0	1	0	0	2	0	2	1	0	0	0	8	
	-	-	•	_	-	_	•		_	-	_	_	•				
SUWA SEIKOSHA CO., LTD.																	
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
WARNER-LAMBERT COMPANY	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_		
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	8	
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	8	
ADC TELECOMMUNICATIONS, INC.																	
Patents By Year of Grant:	0	1	0	0	0	0	0	0	1	1	0	0	0	1	3	7	
Patents By Year of Application:	1	0	0	1	1	0	1	0	0	0	1	2	0	0	0	7	
	_	-	-	_	_	-		-	-	-	_	_	-	-	-		

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	R	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
5 130				,		,,		,	_							
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	4	0	0	1	0	0	0	0	0	1	0	0	0	1	0	7
Patents By Year of Application:	4	0	1	0	0	0	0	0	1	1	0	0	0	0	0	, 7
racones by rear or approaction.	•		-		•		•		-	*	•	•		•	•	,
AKZONA INCORPORATED																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
ALTERA CORPORATION																
Patents By Year of Grant:	0	0	0	0	1	0	0	1	0	0	2	0	0	0	3	7
Patents By Year of Application:	0	0	1	0	2	0	0	2	0	0	2	0	0	0	0	7
BP CHEMICALS LIMITED																
Patents By Year of Grant:	3	0	2	1	0	0	1	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	3	3	0	0	1	0	0	0	0	0	0	0	0	0	0	7
BTG INTERNATIONAL LIMITED																
Patents By Year of Grant:	0	0	0	0	0	2	0	0	2	0	1	1	1	0	0	7
Patents By Year of Application:	0	0	0	1	2	1	0	0	2	1	0	0	0	0	0	7
CITIZEN WATCH CO., LTD.	_		_								_		_			_
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	7 7
Patents By Year of Application:	6	0	0	0	0	0	0	0	1	0	0	0	U	0	0	7
EXXON PRODUCTION RESEARCH COMPANY																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
racence by rear or appricacion.	,	· ·		J	•	•		J		· ·	· ·		•	· ·	·	,
FMC CORPORATION																
Patents By Year of Grant:	3	1	0	1	0	0	0	0	0	1	1	0	0	0	0	7
Patents By Year of Application:	4	0	1	0	0	2	0	0	0	0	0	0	0	0	0	, 7
	-		_			_										•
GENERAL INSTRUMENT CORPORATION																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	1	0	2	0	0	0	0	7
Patents By Year of Application:	4	0	0	0	0	2	0	1	0	0	0	0	0	0	0	7
HALLIBURTON CO.																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
HOBART CORPORATION																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7

Organizational Patenting	(Granted: Jan 01, 1977 - Dec 31, 2008) Ranked List of Organizations with 5 or More Patents

Organizational Patenting	•			(Grante	ea: Jan u	1, 1977	- Dec 31	, 2008)	F	kanked Li	st or Or	ganızatı	ons with	5 or	More Pat	cents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
HUSKY INJECTION MOLDING SYSTEMS LIMI	TED															
Patents By Year of Grant:	2	0	1	0	0	0	0	0	1	0	1	0	2	0	0	7
Patents By Year of Application:	3	0	0	0	0	0	1	1	0	2	0	0	0	0	0	7
KOBE STEEL LTD.																
Patents By Year of Grant:	3	0	0	0	0	1	0	0	1	1	0	0	1	0	0	7
Patents By Year of Application:	3	0	0	1	0	0	1	0	2	0	0	0	0	0	0	7
KONINKLIJKE PHILIPS ELECTRONICS N.V.	•	•	•	•		_	•		_				0	•	•	7
Patents By Year of Application	0 1	0	0	0	0	0 0	0 3	0 1	2	1 0	2 0	2 0	0 0	0	0	7 7
Patents By Year of Application:	1	U	U	U	U	U	3	1	2	U	U	U	U	U	U	,
L'AIR LIQUIDE, SOCIETE ANONYME A DIR	ECTOTRE E	T CONSET	T. DE SIIR	WETT.T.ANC	יו אווטם אי	א אמוודאי.	יד ידי די די.	OITATION	DES PRO	CEDES GE	ORGES CI.	AIIDE				
Patents By Year of Grant:	2	0	0	0	1	1	1	1	0	1	0	0	0	0	0	7
Patents By Year of Application:	2	2	1	0	1	0	0	0	1	0	0	0	0	0	0	7
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUN	G DER WIS	SENSCHAF	TEN E.V													
Patents By Year of Grant:	4	0	0	0	0	0	0	1	0	1	0	0	1	0	0	7
Patents By Year of Application:	4	0	0	0	1	0	2	0	0	0	0	0	0	0	0	7
NIPPON STEEL CORP.																
Patents By Year of Grant:	5	1	0	0	0	0	0	0	0	0	0	0	0	0	1	7
Patents By Year of Application:	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7
OWENS-ILLINOIS INC.	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Grant: Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
racents by rear or apprication:	,	U	U	U	U	U	U	U	U	U	U	U	U	U	U	,
PFIZER INC.																
Patents By Year of Grant:	2	0	0	0	1	0	0	0	0	0	1	0	2	1	0	7
Patents By Year of Application:	2	0	0	1	0	0	0	0	1	1	1	1	0	0	0	7
RAMBUS, INC.																
Patents By Year of Grant:	0	0	0	0	1	0	1	2	0	0	1	0	1	1	0	7
Patents By Year of Application:	0	0	0	1	0	1	4	1	0	0	0	0	0	0	0	7
STAUFFER CHEMICAL COMPANY																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31,	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents	
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
TORAY INDUSTRIES INC.																	
Patents By Year of Grant:	4	0	0	0	0	1	0	0	0	0	0	0	1	0	1	7	
Patents By Year of Application:	4	0	1	2	0	0	0	0	0	0	0	0	0	0	0	7	
TOYO BOSEKI KABUSHIKI KAISHA																	
Patents By Year of Grant:	0	0	0	0	1	1	0	0	0	0	0	1	1	2	1	7	
Patents By Year of Application:	0	0	0	1	1	2	0	1	0	0	2	0	0	0	0	7	
UNITED STATES OF AMERICA, HEALTH & HUN	MAN SERV	ICES															
Patents By Year of Grant:	1	1	0	0	0	0	1	1	0	0	1	1	0	1	0	7	
Patents By Year of Application:	2	1	0	1	0	1	0	0	1	1	0	0	0	0	0	7	
ADVANCED CARDIOVASCULAR SYSTEMS, INC.																	
Patents By Year of Grant:	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
AISIN SEIKI KABUSHIKI KAISHA																	
Patents By Year of Grant:	0	0	0	1	0	0	0	1	1	1	0	0	2	0	0	6	
Patents By Year of Application:	1	0	0	0	0	2	0	2	1	0	0	0	0	0	0	6	
AJINOMOTO COMPANY INCORPORATED																	
Patents By Year of Grant:	0	1	0	1	0	0	0	1	0	1	0	2	0	0	0	6	
Patents By Year of Application:	1	1	0	0	0	1	2	0	1	0	0	0	0	0	0	6	
AVENTIS PHARMACEUTICALS INC.										_					•	_	
Patents By Year of Grant:	0	0	0	0	0	0 1	0	2 0	1	1	0	0	2	0	0	6 6	
Patents By Year of Application: B. F. GOODRICH CO.	0	U	U	U	2	1	3	U	U	U	U	U	U	U	U	6	
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
BALL CORPORATION																	
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
BENDIX CORPORATION (NOW ALLIED-SIGNAL	INC.)																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
CASCHEM, INC.																	
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	

REISSUE PATENTS REPORT, 1977-2008 Page B - 17

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31,	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents	
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
CPC INTERNATIONAL INC.	_		_													_	
Patents By Year of Grant:	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
CUMMINS ENGINE CO., INC.																	
Patents By Year of Grant:	2	0	0	0	1	1	0	1	1	0	0	0	0	0	0	6	
Patents By Year of Application:	2	0	2	0	0	0	2	0	0	0	0	0	0	0	0	6	
racones by rear or approacton.	-	· ·	_	•	v	•	_	•	Ū	•	•	· ·	v	v	•	Ü	
DAICEL CHEMICAL INDUSTRIES LTD.																	
Patents By Year of Grant:	2	0	0	0	1	0	0	0	0	0	2	0	0	1	0	6	
Patents By Year of Application:	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0	6	
FORD GLOBAL TECHNOLOGIES, L.L.C.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	3	0	2	0	0	6	
FORD MOTOR COMPANY																	
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
GENERAL SIGNAL CORPORATION	_				_											_	
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
HARRIS CORP.																	
Patents By Year of Grant:	3	0	0	0	0	1	0	0	0	0	0	0	0	0	2	6	
Patents By Year of Application:	3	1	0	0	0	0	0	0	0	1	0	1	0	0	0	6	
racenes by rear or appricacion:	3	_	U	U	U	U	U	U	U	_	U	_	U	U	U	Ū	
HENKEL KOMMANDITGESELLSCHAFT AUF AKTI	EN (HENK	EL KGAA)															
Patents By Year of Grant:	2	0	0	0	0	1	1	0	0	0	0	0	1	0	1	6	
Patents By Year of Application:	3	1	0	0	0	0	0	0	0	1	1	0	0	0	0	6	
HERCULES INCORPORATED																	
Patents By Year of Grant:	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
HOYA CORPORATION																	
Patents By Year of Grant:	1	0	0	0	0	0	0	2	0	0	1	0	0	0	2	6	
Patents By Year of Application:	1	0	0	0	0	2	0	1	0	0	2	0	0	0	0	6	
IDEMITSU KOSAN COMPANY LIMITED	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
Patents By Year of Grant:	2	0	1	0	0	0	1	1	0	0	0	0	1	0	0	6	
Patents By Year of Application:	3	0	0	0	1	1	1	0	0	0	0	0	0	0	0	6	

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Organizational Patenting				(Grante	ea: Jan 0	11, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganızati	ons with	5 or	more Pat	ents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
INTERNATIONAL GAME TECHNOLOGY (IGT)																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	6
Patents By Year of Application:	0	0	5	0	0	0	0	0	1	0	0	0	0	0	0	6
J. M. HUBER CORPORATION																
Patents By Year of Grant:	3	0	2	1	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	0	0	0	0	0	1	2	0	0	1	0	1	0	0	1	6
Patents By Year of Application:	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	6
JOHNS-MANVILLE CORPORATION	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6

KENNAMETAL INC.		_	_	_	_	•	•	_	_	_	•	•	•	_	_	_
Patents By Year of Grant:	4	0	0	0	0	0	0	1	0	1	0	0	0	0	0	6
Patents By Year of Application:	4	0	0	0	0	1	0	1	0	0	0	0	0	0	0	6
T THEORY GUARANTA TWA																
LITTON SYSTEMS INC.	4	1	-	•	•	•	•	0	•	•	•	•	•	0	•	6
Patents By Year of Grant:	4 6	1 0	1 0	0	0	0	0	0	0	0	0	0 0	0	0	0	6 6
Patents By Year of Application:	6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	6
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	3	0	1	0	1	0	0	6
Patents By Year of Application:	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	6
racence by rear or apprication:		J	J	J	3	3	,	J	J	J	· ·	J	J		J	Ü
MITSUI CHEMICALS, INCORPORATED																
Patents By Year of Grant:	0	0	0	0	0	3	0	0	1	0	0	0	1	0	1	6
Patents By Year of Application:	1	1	0	1	0	0	1	1	0	0	1	0	0	0	0	6
	-	_	J	_	J	,	-	_	,		-				,	
MOORE BUSINESS FORMS INC.																
Patents By Year of Grant:	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	2	1	1	0	1	6
Patents By Year of Application:	1	0	0	0	0	0	0	1	3	0	1	0	0	0	0	6
POLAROID CORPORATION																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6

RELEASED THEMES RELEASE, 1577 2000															rage	2 17
Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
												-				
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	0	0	4	1	6
Patents By Year of Application:	0	0	0	0	0	0	3	2	1	0	0	0	0	0	0	6
RHONE-POULENC AGROCHIMIE LIMITED																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
SANSHIN KOGYO KABUSHIKI KAISHA	_		_	_	_		_	_	_	_		_	_	_		_
Patents By Year of Grant:	2	1	0	0	0	0	1	0	2	0	0	0	0	0	0	6
Patents By Year of Application:	3	0	1	1	0	0	1	0	0	0	0	0	0	0	0	6
SCHERING AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	2	1	0	0	0	2	0	6
Patents By Year of Application:	1	0	0	0	0	0	3	0	1	1	0	0	0	0	0	6
ratents by rear or application.	-	Ū	Ū	Ū	Ū	Ū	3	Ū	_	_	Ū	Ū	Ū	Ū	Ū	Ü
SEAGATE TECHNOLOGY, INCORPORATED																
Patents By Year of Grant:	2	0	1	0	1	0	2	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	6
SGS-THOMSON MICROELECTRONICS, INC.																
Patents By Year of Grant:	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	6
Patents By Year of Application:	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	6
SHIMANO INDUSTRIAL COMPANY, LIMITED																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
SINGER COMPANY		_				_							_		_	
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
GATHER THEFTHE HEAVILE THE																
SMITH INTERNATIONAL INC.	_	^	•	•	^	2		1	^	•	^	^	^	•	•	
Patents By Year of Application	2 2	0	0 3	0	0 1	2 0	1 0	1 0	0	0 0	0 0	0	0	0	0	6 6
Patents By Year of Application:	4	U	3	U	1	U	U	U	U	U	U	U	U	U	U	O
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	1	3	1	6
Patents By Year of Application:	0	1	0	0	0	1	0	0	1	0	2	1	0	0	0	6
	•	_	·	•	•	_	•	•	_	•	_	_	•	•	•	-
STMICROELECTRONICS S.A.																
Patents By Year of Grant:	0	0	0	0	0	0	1	1	0	1	2	1	0	0	0	6
Patents By Year of Application:	1	0	1	1	1	0	0	1	1	0	0	0	0	0	0	6

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31,	2008)	R	anked Li	st of Org	ganizati	ons with	5 or 1	More Pat	ents	
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
SUMITOMO ELECTRIC INDUSTRIES CO., LTD.	•																
Patents By Year of Grant:	1	0	1	0	0	0	0	0	1	1	0	1	0	1	0	6	
Patents By Year of Application:	2	0	0	0	1	0	1	1	1	0	0	0	0	0	0	6	
UNITED STATES OF AMERICA, DEPARTMENT (OF ENERG	Y															
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
USX CORPORATION																	
Patents By Year of Grant:	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
W. R. GRACE & COCONN.																	
Patents By Year of Grant:	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
WACOM CO., LTD.																	
Patents By Year of Grant:	4	0	1	0	0	0	0	0	0	0	0	0	0	1	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
WESTVACO CORPORATION																	
Patents By Year of Grant:	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application: AKZO N.V.	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Grant:	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
ALLERGAN, INC.	J	Ū	J	v	v	Ū	ŭ	ŭ	Ū	Ü	v	ŭ	v	v	Ū	J	
Patents By Year of Grant:	3	0	0	0	0	0	0	1	0	0	0	0	1	0	0	5	
Patents By Year of Application:	3	0	0	0	0	1	0	0	0	0	1	0	0	0	0	5	
AMPEX CORP.																	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
ATELIERS DES CHARMILLES S.A.																	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
ATLANTIC RICHFIELD COMPANY																	
Patents By Year of Grant:	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31,	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents	
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
	1,7,5	1,7,5	1330	1337	1330	1333	2000	2001	2002	2003	2001	2003	2000	2007	2000	1011111	
AUTOMOTIVE PRODUCTS PLC																	
Patents By Year of Grant:	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
BASELL POLYOLEFINE GMBH																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	0	0	1	2	1	5	
Patents By Year of Application:	0	0	0	2	0	1	1	1	0	0	0	0	0	0	0	5	
BAYER CROPSCIENCE KK																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	
Patents By Year of Application:	1	0	0	0	0	0	0	0	4	0	0	0	0	0	0	5	
BOEHRINGER MANNHEIM G.M.B.H.																	
Patents By Year of Grant:	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5	
CAPELLA PHOTONICS, INC.	_				_	_					_			_	_	_	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	
CHAMBERLAIN GROUP, INC.																	
Patents By Year of Grant:	0	0	1	0	0	0	1	0	1	1	0	0	0	0	1	5	
Patents By Year of Application:	0	1	1	0	0	0	3	0	0	0	0	0	0	0	0	5	
CHURCH + DWIGHT CO., INC.																	
Patents By Year of Grant:	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
CINCINNATI MILACRON INC.	_				_	_					_				_	_	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
COCA-COLA COMPANY																	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
COMMISSARIAT A L'ENERGIE ATOMIQUE																	
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	1	0	0	1	0	5	
Patents By Year of Application:	3	0	0	0	0	0	0	0	1	1	0	0	0	0	0	5	
DELPHI TECHNOLOGIES, INC.					_	_			_		_					_	
Patents By Year of Grant:	0	0	0	0	0	0	0	0 1	1	1	0	0	1	2	0	5 5	
Patents By Year of Application:	U	U	U	U	U	1	U	1	U	U	2	1	U	U	U	5	

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents	-
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
DIAGOVIATOV NAGOGINERA																	
DISCOVISION ASSOCIATES									_					_		_	
Patents By Year of Grant:	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
E-Z-EM, INC.																	
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	5	
Patents By Year of Application:	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	5	
EMERSON ELECTRIC CO.																	
Patents By Year of Grant:	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5	
ETHYL CORPORATION																	
Patents By Year of Grant:	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5	
Patents By Year of Application:	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5	
HEWLETT-PACKARD DEVELOPMENT COMPANY,	L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	5	
Patents By Year of Application:	0	0	0	0	0	0	1	2	1	0	1	0	0	0	0	5	
HITACHI CABLE, LTD.																	
Patents By Year of Grant:	3	0	0	0	0	1	0	1	0	0	0	0	0	0	0	5	
Patents By Year of Application:	3	0	0	0	1	1	0	0	0	0	0	0	0	0	0	5	
racence by rear or apprication.				•	-	-	, ,	, ,	•	Ū			•			<u> </u>	
INTERNATIONAL FLAVORS + FRAGRANCES IN	rc																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
racenes by rear or Apprication:	3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	5	
INTERNA GORDODA ETON																	
LAITRAM CORPORATION	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•	-	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	U	0	0	0	0	0	0	0	0	0	0	5	
LEVER BROTHERS COMPANY, DIVISION OF C																	
Patents By Year of Grant:	3	0	0	0	0	0	1	0	1	0	0	0	0	0	0	5	
Patents By Year of Application:	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	5	
LINEAR TECHNOLOGY CORPORATION																	
Patents By Year of Grant:	1	1	2	0	0	0	0	0	0	0	0	0	1	0	0	5	
Patents By Year of Application:	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5	
LOCKHEED MARTIN CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	1	0	1	0	0	1	0	0	1	1	5	
Patents By Year of Application:	0	1	0	0	0	1	1	1	0	0	0	1	0	0	0	5	

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
LUBRIZOL CORPORATION																
Patents By Year of Grant:	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	5
Patents By Year of Application:	3	0	0	1	0	0	0	0	1	0	0	0	0	0	0	5
MITSUBISHI RAYON CO., LTD.																
Patents By Year of Grant:	3	0	0	1	0	0	0	0	0	1	0	0	0	0	0	5
Patents By Year of Application:	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5
MLR, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	5
Patents By Year of Application:	1	0	0	0	0	1	0	1	1	1	0	0	0	0	0	5
MOLINS LIMITED																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
MONSANTO TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	0	1	2	1	0	5
Patents By Year of Application:	0	0	0	0	0	0	2	0	1	2	0	0	0	0	0	5
MOSAID TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3	5
Patents By Year of Application:	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	5
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	2	0	0	0	0	0	0	1	0	0	0	0	0	0	2	5
Patents By Year of Application:	2	0	0	0	0	1	0	0	0	1	1	0	0	0	0	5
NEGOTIATED DATA SOLUTIONS LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	5
Patents By Year of Application:	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	5
NGK INSULATORS LTD.																
Patents By Year of Grant:	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3	5
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	1	2	0	0	0	5
NIPPON SEIKO KABUSHIKI KAISHA																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents	
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
NIPPON THOMPSON CO., LTD.																	
Patents By Year of Grant:	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
NISSAN CHEMICAL INDUSTRIES, LTD.																	
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	
Patents By Year of Application:	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5	
NORTEL NETWORKS LIMITED																	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	1	0	0	1	2	5	
Patents By Year of Application:	0	0	0	1	0	1	0	1	0	1	0	0	1	0	0	5	
NORTH AMERICAN PHILIPS CORPORATION																	
Patents By Year of Grant:	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5	
Patents By Year of Application:	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5	
NORTHERN TELECOM LIMITED																	
Patents By Year of Grant:	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5	
NSK LIMITED Patents By Year of Grant:	0	0	0	0	0	1	1	0	0	1	0	0	0	2	0	5	
Patents By Year of Application:	0	0	1	1	0	0	0	2	1	0	0	0	0	0	0	5	
OKI ELECTRIC INDUSTRY CO., LTD.	Ū	Ū	-	_	v	U	v	2	_	Ū	Ū	Ū	v	Ū	Ū	3	
Patents By Year of Grant:	1	0	0	0	1	0	0	0	2	0	0	0	0	0	1	5	
Patents By Year of Application:	1	1	0	0	0	1	1	0	0	0	0	0	1	0	0	5	
OTIS ELEVATOR COMPANY																	
Patents By Year of Grant:	2	0	0	0	0	1	0	0	0	0	1	1	0	0	0	5	
Patents By Year of Application:	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0	5	
PIONEER CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	5	
Patents By Year of Application:	0	0	0	0	0	1	0	1	0	0	0	3	0	0	0	5	
PPG INDUSTRIES INC.																	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
RESEARCH CORPORATION TECHNOLOGIES, INC																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	1	1	1	0	1	0	0	5	
Patents By Year of Application:	1	0	1	0	1	1	0	0	1	0	0	0	0	0	0	5	

REISSUE PATENTS REPORT, 1977-2008 Page B - 25

Organizational Patenting	_			(Grante	ed: Jan 0	1, 1977	- Dec 31,	2008)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents	-
	Pre		1005	1000	1000	1000					0004	2225	0000				
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
ROCKY RESEARCH																	
Patents By Year of Grant:	2	0	0	0	0	2	1	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	2	0	1	1	1	0	0	0	0	0	0	0	0	0	0	5	
ROLLS-ROYCE PLC																	
Patents By Year of Grant:	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
S. C. JOHNSON + SON, INC.	_							_	_	_	_		_	_		_	
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	1	0	0	0	1	0	5	
Patents By Year of Application:	3	U	0	0	0	0	U	1	0	0	U	0	1	0	0	5	
SAINT-GOBAIN VITRAGE																	
Patents By Year of Grant:	3	0	0	0	0	0	0	1	0	1	0	0	0	0	0	5	
Patents By Year of Application:	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	5	
SANDEN CORPORATION																	
Patents By Year of Grant:	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5	
SANDVIK AKTIEBOLAG																	
Patents By Year of Grant:	2	1	0	0	0	1	0	0	1	0	0	0	0	0	0	5	
Patents By Year of Application:	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	
SANTA FE INTERNATIONAL CORPORATION																	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
racenes by rear or approaction.	3	Ū	·	v	Ū	v	· ·	Ū	ŭ	J	v	·	v	v	•	-	
SCM CORPORATION																	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
SEGA ENTERPRISES, LTD.																	
Patents By Year of Grant:	0	0	0	0	3	1	1	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	5	
AVITAL PRIOR GUPPATONI GO. LED																	
SHIN ETSU CHEMICAL CO., LTD. Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	
Patents By Year of Application:	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5	
racenes by rear or appricacion:	7	U	U	U	U	U	U	U	_	U	U	U	U	U	U	3	
SOUTHWEST RESEARCH INSTITUTE																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	1	0	0	0	0	1	2	5	
Patents By Year of Application:	1	0	0	1	0	0	0	0	0	0	2	1	0	0	0	5	

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents	
	Pre																
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
	1993	1995	1990	1997	1990	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	IOIAL	
STERLING DRUG INC.																	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
	_	-	-	-	_	-	-	_	-	-	_	-	-	_	-	_	
SUMITOMO CHEMICAL COMPANY, LIMITED																	
Patents By Year of Grant:	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
		-	-	-		-	-		-	-		-	-		-	_	
SUNDSTRAND CORPORATION																	
Patents By Year of Grant:	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
TAIWAN SEMICONDUCTOR MANUFACTURING CO.,	LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	5	
Patents By Year of Application:	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5	
TEKTRONIX INC.																	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
TELEFLEX INCORPORATED																	
Patents By Year of Grant:	1	0	0	1	0	0	2	0	0	0	0	0	1	0	0	5	
Patents By Year of Application:	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	5	
TORO COMPANY																	
Patents By Year of Grant:	3	1	0	0	0	0	1	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5	
TORRINGTON COMPANY																	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
UNIROYAL, INC.																	
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
UNITED STATES SURGICAL CORPORATION		•	•	•	•	•	•	•	•	•	•		•	•		-	
Patents By Year of Grant:	1	0	0	0	0	0	2	0	0	0	0	1	0	0	1	5	
Patents By Year of Application:	1	0	0	1	0	1	0	1	0	0	0	1	0	0	0	5	
INTUEDATEV OF MINNESONA FUE PROFITE OF																	
UNIVERSITY OF MINNESOTA, THE REGENTS OF		-	^	^	0	^	^	0	^	^	^	^	^	^	^	-	
Patents By Year of Grant: Patents By Year of Application:	4 5	1 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	5 5	
racents by rear or Apprication:	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	5	

	Technology	Assessment	and	Forecast	Report	
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Patents By Year of Application:

REISSUE PATENTS REPORT, 1977-2008

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5
Patents By Year of Application:	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5
XILINX, INC.																
Patents By Year of Grant:	3	0	0	0	0	0	0	1	0	0	0	0	0	0	1	5
Patents By Year of Application:	3	0	0	0	0	0	1	1	0	0	0	0	0	0	0	5
ZENITH ELECTRONICS CORPORATION																
Patents By Year of Grant:	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Other Organizations (4437)																
Patents By Year of Grant:	2728	151	141	158	167	224	268	256	224	221	151	124	278	284	372	5747

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