

REISSUE PATENTS
JANUARY 1977 -- DECEMBER 2006



March 2007
U.S. PATENT AND TRADEMARK OFFICE
ELECTRONIC INFORMATION PRODUCTS DIVISION / PTMT
MDW 4C18, ALEXANDRIA, VA 22313-1450
tel (571) 272-5600 / FAX (571) 273-0110

A PATENT TECHNOLOGY MONITORING TEAM REPORT

Reissue Patents Report 1/1977 - 12/2006 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 2006**. 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 1993" column corresponds to the period **January 1, 1977 through December 31, 1992**.

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 25% 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 24 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 2006**. 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 normally have 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.

Information on **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 Corporations ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in this category. While U.S. Government patent ownership includes only patents granted to the Federal Government, no such distinction is made for Foreign Government 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, 2006**, UTILITY patent application data (most issued patent documents are utility patents) were approximately 94% complete for patent applications filed in 2000, 86% complete for applications filed in 2001, 76% complete for applications filed in 2002, 54% complete for applications filed in 2003, and 27% complete for 2004 filings. They are 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

	----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2006) -----															
	----- NUMBER OF PATENTS -----															
	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
Total	5001	332	317	316	279	277	298	448	524	480	460	421	298	245	519	10215
U.S. Origin	3514	207	194	208	175	173	195	274	331	266	262	222	159	136	295	6611
Foreign Origin	1487	125	123	108	104	104	103	174	193	214	198	199	139	109	224	3604
JAPAN	544	61	59	61	49	51	48	86	112	98	87	98	67	55	115	1591
GERMANY	262	13	18	9	9	10	15	20	13	23	23	21	12	10	13	471
UNITED KINGDOM	186	16	11	6	11	8	8	8	13	11	18	8	8	4	10	326
FRANCE	90	9	7	3	9	5	7	14	7	15	10	18	12	7	7	220
CANADA	77	6	9	5	5	4	7	8	10	11	11	16	8	3	16	196
ITALY	36	1	2	4	4	13	4	14	4	15	5	6	3	1	3	115
NETHERLANDS	59	3		4	3	2	1	4	1	4	3	4	3	3	5	99
SWEDEN	51	3	1	1	1	3	2	4		6	7	2	1	1	4	87
SWITZERLAND	54	2	2	3	5		1	1	4	4	2		3		5	86
SOUTH KOREA		1		1	2	1		6	7	6	11	2	5	6	12	60
AUSTRALIA	23	1	4	1	1		2	1	1	4	3	2			7	50
ISRAEL	12	1		1	2		4	1	4	2	4	2	1	5	5	44
TAIWAN	4	1	2	1		1			4	5	5	8	1	4	5	41
DENMARK	17	1	2			1	2	4	2	2		2	2	1	3	39
AUSTRIA	10	2	1	1			2	1	2	2	2	4	1	1		29
BELGIUM	15								2		3	3			1	24
NORWAY	13	1						1		1			1	1	1	19
FINLAND	6	1		2		1		1	1		1	2	1		2	18
SPAIN	1		2	1		1			1				3	2	2	13
NEW ZEALAND	7				1				1	3					1	13
CHINA,HONG KONG S.A.R	1	1							1	1		1	1	2		8
SOUTH AFRICA	3	1							1		1					6
SINGAPORE										1				2	2	5
INDONESIA	1			2	1											4
LUXEMBOURG	2										1				1	4
RUSSIAN FEDERATION				1	1				1				1			4
MEXICO	1					1							1			3
ARGENTINA			2												1	3
BRAZIL	2					1										3
LIECHTENSTEIN	1			1												2
IRELAND	1					1										2
CZECHOSLOVAKIA	2															2
GREECE	1														1	2
HUNGARY	2															2
ICELAND													1		1	2
PERU			1													1
Others (10)	3								1		1		3	1	1	10
Ownership:																
U.S. Corporations	2897	156	152	164	134	146	163	214	265	234	211	198	136	114	254	5438
U.S. Government	13	3	1	1		1		1	5	3			1	1	2	32
U.S. Individuals	706	52	45	49	46	33	39	66	64	43	58	32	24	25	38	1320
Foreign Corporations	1193	105	110	96	91	92	93	158	180	180	179	179	130	99	212	3097
Foreign Government	16	3	1		1		1			1	1	1				25
Foreign Individuals	176	13	8	6	7	5	2	9	10	19	11	11	7	6	13	303

	----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2006) -----															
	----- PERCENT OF PATENTS -----															
	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	70	62	61	66	63	62	65	61	63	55	57	53	53	56	57	65
Foreign Origin	30	38	39	34	37	38	35	39	37	45	43	47	47	44	43	35
JAPAN	11	18	19	19	18	18	16	19	21	20	19	23	22	22	22	16
GERMANY	5	4	6	3	3	4	5	4	2	5	5	5	4	4	3	5
UNITED KINGDOM	4	5	3	2	4	3	3	2	2	2	4	2	3	2	2	3
FRANCE	2	3	2	1	3	2	2	3	1	3	2	4	4	3	1	2
CANADA	2	2	3	2	2	1	2	2	2	2	2	4	3	1	3	2
ITALY	1		1	1	1	5	1	3	1	3	1	1	1		1	1
NETHERLANDS	1	1		1	1	1		1		1	1	1	1	1	1	1
SWEDEN	1	1				1	1	1		1	2				1	1
SWITZERLAND	1	1	1	1	2				1	1			1		1	1
SOUTH KOREA					1			1	1	1	2		2	2	2	1
AUSTRALIA			1				1			1	1				1	0
ISRAEL					1		1		1		1			2	1	0
TAIWAN			1						1	1	1	2		2	1	0
DENMARK			1				1	1					1		1	0
AUSTRIA		1					1					1				0
BELGIUM											1	1				0
NORWAY																0
FINLAND				1												0
SPAIN			1										1	1		0
NEW ZEALAND									1							0
CHINA,HONG KONG S.A.R														1		0
SOUTH AFRICA																0
SINGAPORE														1		0
INDONESIA				1												0
LUXEMBOURG																0
RUSSIAN FEDERATION																0
MEXICO																0
ARGENTINA			1													0
BRAZIL																0
LIECHTENSTEIN																0
IRELAND																0
CZECHOSLOVAKIA																0
GREECE																0
HUNGARY																0
ICELAND																0
PERU																0
Others (10)													1			0
Ownership:																
U.S. Corporations	58	47	48	52	48	53	55	48	51	49	46	47	46	47	49	53
U.S. Government		1							1	1						0
U.S. Individuals	14	16	14	16	16	12	13	15	12	9	13	8	8	10	7	13
Foreign Corporations	24	32	35	30	33	33	31	35	34	38	39	43	44	40	41	30
Foreign Government		1														0
Foreign Individuals	4	4	3	2	3	2	1	2	2	4	2	3	2	2	3	3

Part A2

Patent Grants As Distributed By Year of Patent Application

----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2006) -----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
Total	5808	345	422	432	470	425	445	468	473	390	315	152	64	6		10215
U.S. Origin	4012	212	259	254	304	248	262	276	266	218	171	89	36	4		6611
Foreign Origin	1796	133	163	178	166	177	183	192	207	172	144	63	28	2		3604
JAPAN	702	61	76	88	86	89	91	97	98	82	75	30	14	2		1591
GERMANY	295	16	18	19	18	21	11	20	16	20	10	5	2			471
UNITED KINGDOM	214	13	11	13	11	9	13	10	10	7	11	3	1			326
FRANCE	108	7	11	17	9	5	9	10	16	18	6	2	2			220
CANADA	94	8	7	7	7	8	12	9	13	12	10	7	2			196
ITALY	43	5	12	17	4	11	5	9	5	2	2					115
NETHERLANDS	68	2	3	4	4	3	2	4	3	3	2	1				99
SWEDEN	55	2	2	5	6	5	3	5	1	2	1					87
SWITZERLAND	60	3	5	1	2	1	3	3	2		2	3	1			86
SOUTH KOREA	1	3	3		4	6	10	9	10	3	7	3	1			60
AUSTRALIA	29	1	2		4	2		4	4		2	1	1			50
ISRAEL	15	1	1	2	4	3	3	1	8	2	2	2				44
TAIWAN	7	2			1		5	6	8	5	5	1	1			41
DENMARK	19	2	3	2	3	3	3			3	1					39
AUSTRIA	13	1			3	1	2	1	4	2	1		1			29
BELGIUM	15					2	2		2	3						24
NORWAY	14			1			2				1		1			19
FINLAND	9	1	2			1	1	1	1	2						18
SPAIN	2	1	1	1		1		3			3	1				13
NEW ZEALAND	8		2			2			1							13
CHINA,HONG KONG S.A.R	2						2		2		1	1				8
SOUTH AFRICA	4					1	1									6
SINGAPORE						2	1		2							5
INDONESIA	2	1	1													4
LUXEMBOURG	2									1		1				4
RUSSIAN FEDERATION		1	1				1			1						4
BRAZIL	2			1												3
ARGENTINA	1	1								1						3
MEXICO	1		1									1				3
LIECHTENSTEIN	1		1													2
IRELAND	1	1														2
CZECHOSLOVAKIA	2															2
GREECE	1												1			2
HUNGARY	2															2
ICELAND										2						2
PORTUGAL	1															1
Others (10)	3					1	1		1	1	2	1				10
Ownership:																
U.S. Corporations	3280	179	213	208	245	212	212	238	218	179	140	74	36	4		5438
U.S. Government	17	3		2	3	1	1	1	1		1		2			32
U.S. Individuals	828	40	56	51	65	39	53	49	51	40	32	14	2			1320
Foreign Corporations	1463	114	142	162	147	164	168	168	192	162	132	60	21	2		3097
Foreign Government	19	1		2	2					1						25
Foreign Individuals	201	8	11	7	8	9	11	12	11	8	10	4	3			303

----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2006) -----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100		100
U.S. Origin	69	61	61	59	65	58	59	59	56	56	54	59	56	67		65
Foreign Origin	31	39	39	41	35	42	41	41	44	44	46	41	44	33		35
JAPAN	12	18	18	20	18	21	20	21	21	21	24	20	22	33		16
GERMANY	5	5	4	4	4	5	2	4	3	5	3	3	3			5
UNITED KINGDOM	4	4	3	3	2	2	3	2	2	2	3	2	2			3
FRANCE	2	2	3	4	2	1	2	2	3	5	2	1	3			2
CANADA	2	2	2	2	1	2	3	2	3	3	3	5	3			2
ITALY	1	1	3	4	1	3	1	2	1	1	1					1
NETHERLANDS	1	1	1	1	1	1		1	1	1	1	1				1
SWEDEN	1	1		1	1	1	1	1		1						1
SWITZERLAND	1	1	1				1	1			1	2	2			1
SOUTH KOREA		1	1		1	1	2	2	2	1	2	2	2			1
AUSTRALIA					1			1	1		1	1	2			0
ISRAEL					1	1	1		2	1	1	1				0
TAIWAN		1					1	1	2	1	2	1	2			0
DENMARK		1	1		1	1	1			1						0
AUSTRIA					1				1	1			2			0
BELGIUM										1						0
NORWAY													2			0
FINLAND										1						0
SPAIN								1			1	1				0
NEW ZEALAND																0
CHINA,HONG KONG S.A.R												1				0
SOUTH AFRICA																0
SINGAPORE																0
INDONESIA																0
LUXEMBOURG												1				0
RUSSIAN FEDERATION																0
BRAZIL																0
ARGENTINA																0
MEXICO												1				0
LIECHTENSTEIN																0
IRELAND																0
CZECHOSLOVAKIA																0
GREECE													2			0
HUNGARY																0
ICELAND										1						0
PORTUGAL																0
Others (10)											1	2				0
Ownership:																
U.S. Corporations	56	52	50	48	52	50	48	51	46	46	44	49	56	67		53
U.S. Government		1			1								3			0
U.S. Individuals	14	12	13	12	14	9	12	10	11	10	10	9	3			13
Foreign Corporations	25	33	34	38	31	39	38	36	41	42	42	39	33	33		30
Foreign Government																0
Foreign Individuals	3	2	3	2	2	2	2	3	2	2	3	3	5			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 (Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre															
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
HITACHI, LTD																
Patents By Year of Grant:	59	13	4	4	3	4	7	0	7	7	6	8	4	1	8	135
Patents By Year of Application:	89	1	2	6	8	4	3	6	5	5	3	1	2	0	0	135
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	12	0	1	2	1	3	2	4	7	9	5	4	9	12	26	97
Patents By Year of Application:	14	3	5	3	5	5	8	6	12	15	5	14	2	0	0	97
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	54	8	2	3	2	2	1	2	2	0	1	0	1	0	3	81
Patents By Year of Application:	63	2	4	3	0	2	2	0	1	0	1	2	1	0	0	81
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	29	0	2	1	3	1	0	6	5	5	2	5	1	1	2	63
Patents By Year of Application:	35	1	3	5	6	2	2	3	3	1	1	1	0	0	0	63
AT&T CORP.																
Patents By Year of Grant:	51	2	4	2	0	0	0	0	1	0	0	0	0	0	0	60
Patents By Year of Application:	58	1	0	0	1	0	0	0	0	0	0	0	0	0	0	60
SONY CORPORATION																
Patents By Year of Grant:	15	0	3	1	2	1	2	1	7	6	4	5	7	3	1	58
Patents By Year of Application:	17	4	5	3	3	5	2	6	8	2	3	0	0	0	0	58
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	12	3	6	2	3	4	1	7	9	0	2	2	2	2	2	57
Patents By Year of Application:	23	5	1	6	6	4	5	1	2	2	1	1	0	0	0	57
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	28	2	3	7	2	5	1	4	2	1	0	1	0	0	0	56
Patents By Year of Application:	37	5	4	2	3	3	1	1	0	0	0	0	0	0	0	56
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	37	0	1	1	1	0	5	0	1	0	1	2	1	0	1	51
Patents By Year of Application:	38	0	3	0	3	3	0	1	0	2	0	0	1	0	0	51
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	37	0	2	0	1	0	2	1	1	3	1	1	0	0	1	50
Patents By Year of Application:	39	1	1	0	1	1	2	2	1	0	2	0	0	0	0	50
TOSHIBA CORPORATION																
Patents By Year of Grant:	5	0	2	3	1	1	5	4	11	4	4	2	1	2	4	49
Patents By Year of Application:	7	4	2	7	2	6	9	4	2	3	2	1	0	0	0	49

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	21	1	1	2	4	1	0	3	4	0	2	2	1	4	1	47
Patents By Year of Application:	26	3	0	4	1	4	2	1	1	3	1	0	1	0	0	47
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	0	1	1	0	0	1	8	8	8	3	3	3	0	3	6	45
Patents By Year of Application:	1	1	0	9	25	0	0	1	0	3	5	0	0	0	0	45
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	30	0	3	1	0	0	1	1	2	2	1	0	1	0	1	43
Patents By Year of Application:	31	3	0	2	0	2	0	2	1	0	1	1	0	0	0	43
NIKON CORPORATION																
Patents By Year of Grant:	6	1	1	0	0	2	3	2	4	5	4	5	5	1	3	42
Patents By Year of Application:	8	0	2	4	4	2	3	6	8	5	0	0	0	0	0	42
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	3	1	0	3	2	0	1	2	4	1	6	10	2	2	5	42
Patents By Year of Application:	7	0	3	1	4	1	4	0	3	12	6	1	0	0	0	42
FUJITSU LIMITED																
Patents By Year of Grant:	6	2	0	1	0	0	2	4	5	7	3	3	1	2	1	37
Patents By Year of Application:	8	1	0	1	7	7	1	9	2	1	0	0	0	0	0	37
CATERPILLAR INC.																
Patents By Year of Grant:	29	0	0	0	1	0	0	1	1	1	1	0	0	1	0	35
Patents By Year of Application:	29	0	1	0	1	1	1	1	0	1	0	0	0	0	0	35
RICOH COMPANY, LTD.																
Patents By Year of Grant:	8	1	0	2	0	2	0	3	2	6	3	3	1	1	1	33
Patents By Year of Application:	11	0	3	0	4	3	2	6	1	1	1	1	0	0	0	33
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	0	1	0	1	1	0	0	4	2	0	9	0	5	3	7	33
Patents By Year of Application:	1	3	1	0	1	3	2	4	9	4	3	1	1	0	0	33
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	25	1	1	1	0	2	0	1	0	1	1	0	0	0	0	33
Patents By Year of Application:	28	1	1	2	0	0	0	1	0	0	0	0	0	0	0	33
EATON CORPORATION																
Patents By Year of Grant:	22	1	1	0	0	0	1	0	2	1	1	0	1	0	0	30
Patents By Year of Application:	25	0	0	0	2	1	0	0	2	0	0	0	0	0	0	30

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
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:	6	2	1	1	5	2	1	5	6	0	0	0	0	0	0	29
Patents By Year of Application:	9	1	6	9	4	0	0	0	0	0	0	0	0	0	0	29
XEROX CORPORATION																
Patents By Year of Grant:	21	0	0	0	0	2	1	0	0	1	0	1	1	1	1	29
Patents By Year of Application:	21	0	0	3	0	0	0	1	0	3	1	0	0	0	0	29
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	23	0	3	0	0	1	0	0	0	1	0	0	0	0	0	28
Patents By Year of Application:	26	1	1	0	0	0	0	0	0	0	0	0	0	0	0	28
ELI LILLY AND COMPANY																
Patents By Year of Grant:	18	0	0	1	0	0	0	0	0	0	2	1	0	0	5	27
Patents By Year of Application:	19	0	0	0	0	0	0	3	1	0	1	3	0	0	0	27
L'OREAL S.A.																
Patents By Year of Grant:	3	1	0	0	0	0	0	0	0	1	2	10	3	3	1	24
Patents By Year of Application:	4	0	0	0	0	1	0	3	4	12	0	0	0	0	0	24
NEC CORPORATION																
Patents By Year of Grant:	11	1	0	0	0	0	2	2	1	2	2	0	2	0	1	24
Patents By Year of Application:	12	0	1	1	0	2	1	3	2	1	1	0	0	0	0	24
MOTOROLA, INC.																
Patents By Year of Grant:	16	1	1	0	2	0	0	0	2	0	1	0	0	0	0	23
Patents By Year of Application:	18	1	1	1	0	1	1	0	0	0	0	0	0	0	0	23
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	6	1	1	1	0	1	0	2	1	3	2	2	1	2	0	23
Patents By Year of Application:	9	1	0	1	0	1	1	4	2	1	2	1	0	0	0	23
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	9	0	0	1	0	0	0	3	0	0	2	5	2	0	1	23
Patents By Year of Application:	9	1	0	1	1	1	0	0	1	6	3	0	0	0	0	23
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	12	1	1	2	2	0	0	1	3	0	0	1	0	0	0	23
Patents By Year of Application:	16	1	2	2	0	0	1	0	1	0	0	0	0	0	0	23

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
PAPST LICENSING GMBH & CO. KG																
Patents By Year of Grant:	0	0	1	0	1	1	2	1	1	3	3	3	3	1	1	21
Patents By Year of Application:	2	1	1	4	2	4	1	6	0	0	0	0	0	0	0	21
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	14	1	1	2	1	0	0	0	0	0	1	0	0	0	0	20
Patents By Year of Application:	16	1	1	1	0	0	0	0	1	0	0	0	0	0	0	20
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	12	0	1	1	2	0	0	0	1	0	3	0	0	0	0	20
Patents By Year of Application:	13	1	2	1	2	0	0	0	0	1	0	0	0	0	0	20
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	8	0	1	1	0	0	1	3	1	3	1	0	0	0	1	20
Patents By Year of Application:	10	1	2	2	2	0	0	2	0	0	1	0	0	0	0	20
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	6	0	0	0	0	0	1	0	1	1	3	1	1	2	4	20
Patents By Year of Application:	6	1	0	0	1	0	0	4	2	1	2	0	3	0	0	20
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	12	0	0	1	0	1	0	0	0	3	2	0	0	0	0	19
Patents By Year of Application:	12	2	0	0	0	0	5	0	0	0	0	0	0	0	0	19
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	9	4	2	0	0	2	0	1	0	0	0	1	0	0	0	19
Patents By Year of Application:	15	1	0	2	0	1	0	0	0	0	0	0	0	0	0	19
MOBIL OIL CORP.																
Patents By Year of Grant:	16	2	0	0	0	0	0	0	1	0	0	0	0	0	0	19
Patents By Year of Application:	18	0	1	0	0	0	0	0	0	0	0	0	0	0	0	19
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	15	2	0	0	0	0	0	0	0	0	2	0	0	0	0	19
Patents By Year of Application:	17	0	0	0	2	0	0	0	0	0	0	0	0	0	0	19
SGS-THOMSON MICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	0	2	1	8	3	3	2	0	0	0	0	0	0	19
Patents By Year of Application:	2	1	6	7	2	1	0	0	0	0	0	0	0	0	0	19
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	15	0	0	0	0	0	1	1	1	0	0	1	0	0	0	19
Patents By Year of Application:	15	0	0	0	1	0	1	2	0	0	0	0	0	0	0	19

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre															
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	0	1	1	1	5	4	3	0	1	1	1	18
Patents By Year of Application:	0	0	3	2	3	1	2	3	1	1	2	0	0	0	0	18
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 CORPORATION																
Patents By Year of Grant:	3	0	1	1	1	0	1	0	1	4	2	2	2	0	0	18
Patents By Year of Application:	5	1	1	0	1	2	2	2	3	1	0	0	0	0	0	18
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	14	0	0	0	0	0	1	1	0	0	1	0	0	0	0	17
Patents By Year of Application:	14	0	0	0	2	0	0	0	1	0	0	0	0	0	0	17
HONEYWELL INC.																
Patents By Year of Grant:	10	0	0	1	1	1	0	1	3	0	0	0	0	0	0	17
Patents By Year of Application:	10	0	1	1	3	2	0	0	0	0	0	0	0	0	0	17
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	13	1	1	0	1	0	0	1	0	0	0	0	0	0	0	17
Patents By Year of Application:	16	1	0	0	0	0	0	0	0	0	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
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	7	1	2	2	1	1	0	0	0	2	1	0	0	0	0	17
Patents By Year of Application:	11	0	3	1	0	0	2	0	0	0	0	0	0	0	0	17
AMP INCORPORATED																
Patents By Year of Grant:	15	0	1	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:	13	0	1	0	0	0	1	0	0	1	0	0	0	0	0	16
Patents By Year of Application:	13	2	1	0	0	0	0	0	0	0	0	0	0	0	0	16
CORNING INCORPORATED																
Patents By Year of Grant:	3	0	2	1	1	0	0	0	1	0	2	2	1	1	2	16
Patents By Year of Application:	5	1	1	0	1	0	1	2	0	2	2	1	0	0	0	16

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
DOW CORNING CORPORATION																
Patents By Year of Grant:	10	0	1	1	1	1	0	0	1	0	0	1	0	0	0	16
Patents By Year of Application:	11	2	1	0	1	0	0	0	0	1	0	0	0	0	0	16
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	8	1	0	1	0	0	1	1	0	1	0	2	0	0	1	16
Patents By Year of Application:	11	0	0	1	0	1	0	0	2	0	1	0	0	0	0	16
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	10	0	1	1	0	0	0	1	0	0	1	0	0	1	1	16
Patents By Year of Application:	11	0	1	0	2	0	0	0	0	1	0	1	0	0	0	16
NIPPON GAKKI SEIZO KABUSHIKI KAISHA																
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
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	9	1	1	0	1	1	0	0	0	1	1	1	0	0	0	16
Patents By Year of Application:	12	0	1	0	0	0	0	0	3	0	0	0	0	0	0	16
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	4	1	0	0	1	2	0	0	0	3	2	1	0	1	1	16
Patents By Year of Application:	5	2	1	0	0	0	2	1	3	0	1	1	0	0	0	16
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	1	5	2	3	3	0	0	16
Patents By Year of Application:	0	1	1	5	1	1	0	5	1	1	0	0	0	0	0	16
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	15	0	0	0	0	0	1	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
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	3	2	5	0	2	1	15
Patents By Year of Application:	1	0	0	0	0	0	1	6	4	1	2	0	0	0	0	15
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	10	0	2	0	0	0	1	1	0	1	0	0	0	0	0	15
Patents By Year of Application:	11	1	0	0	1	1	0	0	1	0	0	0	0	0	0	15
ROBERT BOSCH GMBH																
Patents By Year of Grant:	11	0	1	0	1	0	0	1	0	0	0	1	0	0	0	15
Patents By Year of Application:	12	1	0	0	0	1	0	0	1	0	0	0	0	0	0	15

---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

(Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
UPJOHN COMPANY																
Patents By Year of Grant:	10	0	0	1	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
ABBOTT LABORATORIES																
Patents By Year of Grant:	6	1	0	0	0	0	0	0	1	0	0	0	0	0	2	10
Patents By Year of Application:	7	0	0	1	0	0	0	0	0	0	1	0	1	0	0	10
AMOCO CORPORATION																
Patents By Year of Grant:	7	2	0	0	0	1	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	10
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	6	0	0	1	0	1	0	0	0	0	0	2	0	0	0	10
Patents By Year of Application:	7	0	1	0	0	0	0	0	0	1	1	0	0	0	0	10
BETHLEHEM STEEL CORPORATION																
Patents By Year of Grant:	8	0	0	0	0	1	0	0	0	0	1	0	0	0	0	10
Patents By Year of Application:	8	0	1	0	0	0	0	1	0	0	0	0	0	0	0	10
CARRIER CORPORATION																
Patents By Year of Grant:	5	0	0	0	0	0	1	1	1	0	1	0	0	0	1	10
Patents By Year of Application:	5	0	0	1	2	0	1	0	0	0	1	0	0	0	0	10
INTERNATIONAL PAPER CO.																
Patents By Year of Grant:	7	0	0	0	0	0	0	1	0	0	2	0	0	0	0	10
Patents By Year of Application:	7	0	0	0	0	1	1	1	0	0	0	0	0	0	0	10
NATIONAL RESEARCH DEVELOPMENT CORPORATION																
Patents By Year of Grant:	8	2	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
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	1	1	3	2	0	1	0	10
Patents By Year of Application:	0	0	2	0	0	2	1	0	4	1	0	0	0	0	0	10
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	0	0	4	2	0	2	10
Patents By Year of Application:	0	0	0	0	2	0	1	1	2	2	1	1	0	0	0	10

Page B - 10

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	2	0	1	0	0	0	0	1	0	1	0	2	0	1	1	9
Patents By Year of Application:	3	0	0	1	1	2	1	0	0	1	0	0	0	0	0	9
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	1	2	0	0	0	0	0	1	2	1	0	0	0	0	2	9
Patents By Year of Application:	3	0	0	1	1	0	1	0	1	0	0	0	2	0	0	9
AVENTIS PHARMA SA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	3	0	3	1	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	5	2	0	1	0	0	0	8
BOEING COMPANY																
Patents By Year of Grant:	5	0	0	1	0	0	0	0	2	0	0	0	0	0	0	8
Patents By Year of Application:	5	1	0	0	1	0	1	0	0	0	0	0	0	0	0	8
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	1	1	1	2	0	0	1	0	0	0	2	0	0	0	0	8
Patents By Year of Application:	4	2	0	0	0	0	0	0	0	2	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	0	0	1	8
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	8
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	3	2	0	0	0	0	0	1	0	0	0	1	0	0	1	8
Patents By Year of Application:	6	0	0	0	0	1	0	0	0	0	1	0	0	0	0	8
GIST-BROCADES N.V.																
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																
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
MEAD CORPORATION																
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
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	1	0	1	3	0	1	0	1	0	0	0	0	1	0	0	8
Patents By Year of Application:	2	4	0	1	0	0	0	0	0	0	1	0	0	0	0	8

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre															
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
BP CHEMICALS LIMITED																
Patents By Year of Grant:	2	1	0	0	2	1	0	0	1	0	0	0	0	0	0	7
Patents By Year of Application:	3	0	0	3	0	0	1	0	0	0	0	0	0	0	0	7
BTG INTERNATIONAL LIMITED																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	0	0	2	0	1	1	1	7
Patents By Year of Application:	0	0	0	0	0	1	2	1	0	0	2	1	0	0	0	7
CITIZEN WATCH CO., LTD.																
Patents By Year of Grant:	5	0	1	0	0	0	0	0	0	0	0	0	1	0	0	7
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	1	0	0	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
FMC CORPORATION																
Patents By Year of Grant:	3	0	0	1	0	1	0	0	0	0	0	1	1	0	0	7
Patents By Year of Application:	3	1	0	0	1	0	0	2	0	0	0	0	0	0	0	7
GENERAL INSTRUMENT CORPORATION																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	0	1	0	2	0	0	7
Patents By Year of Application:	4	0	0	0	0	0	0	2	0	1	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
HITACHI METALS LTD.																
Patents By Year of Grant:	3	1	0	0	0	0	0	0	0	0	1	2	0	0	0	7
Patents By Year of Application:	4	0	0	0	0	0	1	0	0	2	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
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7
HUSKY INJECTION MOLDING SYSTEMS LIMITED																
Patents By Year of Grant:	1	1	0	0	1	0	0	0	0	0	1	0	1	0	2	7
Patents By Year of Application:	2	1	0	0	0	0	0	0	1	1	0	2	0	0	0	7

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
KOBE STEEL LTD.																
Patents By Year of Grant:	3	0	0	0	0	0	0	1	0	0	1	1	0	0	1	7
Patents By Year of Application:	3	0	0	0	0	1	0	0	1	0	2	0	0	0	0	7
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	1	2	2	0	7
Patents By Year of Application:	0	1	0	0	0	0	0	0	3	1	2	0	0	0	0	7
L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE																
Patents By Year of Grant:	1	0	1	0	0	0	1	1	1	1	0	1	0	0	0	7
Patents By Year of Application:	2	0	0	2	1	0	1	0	0	0	1	0	0	0	0	7
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	1	0	1	0	0	1	7
Patents By Year of Application:	4	0	0	0	0	0	1	0	2	0	0	0	0	0	0	7
MICROSOFT CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	3	0	1	2	7
Patents By Year of Application:	0	0	0	1	0	0	1	2	1	2	0	0	0	0	0	7
OWENS-ILLINOIS INC.																
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
PITNEY-BOWES, INC.																
Patents By Year of Grant:	5	2	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
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
WARNER-LAMBERT 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
ADVANCED CARDIOVASCULAR SYSTEMS, INC.																
Patents By Year of Grant:	2	1	2	0	1	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
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	3	0	1	0	0	1	0	0	0	0	0	1	0	0	0	6
Patents By Year of Application:	4	0	0	0	1	0	0	0	0	0	1	0	0	0	0	6

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	0	0	0	0	0	1	0	0	0	1	1	1	0	0	2	6
Patents By Year of Application:	1	0	0	0	0	0	0	2	0	2	1	0	0	0	0	6
AJINOMOTO COMPANY INCORPORATED																
Patents By Year of Grant:	0	0	0	1	0	1	0	0	0	1	0	1	0	2	0	6
Patents By Year of Application:	0	1	0	1	0	0	0	1	2	0	1	0	0	0	0	6
AVENTIS PHARMACEUTICALS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	1	0	0	2	6
Patents By Year of Application:	0	0	0	0	0	0	2	1	3	0	0	0	0	0	0	6
B. F. GOODRICH CO.																
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
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
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	0	1	0	2	6
Patents By Year of Application:	3	0	0	0	0	0	1	2	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
BLACK & DECKER INC.																
Patents By Year of Grant:	1	0	0	0	0	0	0	1	0	2	1	0	0	0	1	6
Patents By Year of Application:	1	1	0	0	0	0	1	2	0	0	0	1	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
CPC INTERNATIONAL INC.																
Patents By Year of Grant:	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	5	0	0	1	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	0	0	1	1	0	1	1	0	0	0	0	6
Patents By Year of Application:	2	0	0	0	2	0	0	0	2	0	0	0	0	0	0	6

(Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

```

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

```

[illegible]

(Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
MITSUBISHI RAYON CO., LTD.																
Patents By Year of Grant:	3	0	0	0	0	1	0	0	0	0	0	1	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
MITSUI CHEMICALS, INCORPORATED																
Patents By Year of Grant:	0	0	0	0	0	0	0	3	0	0	1	0	0	0	1	5
Patents By Year of Application:	0	1	0	1	0	1	0	0	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
NEGOTIATED DATA SOLUTIONS LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5
Patents By Year of Application:	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	5
NIPPON SEIKO KABUSHIKI KAISHA																
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
NIPPON THOMPSON CO., LTD.																
Patents By Year of Grant:	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	5
NISSAN CHEMICAL INDUSTRIES, LTD.																
Patents By Year of Grant:	1	2	1	0	0	0	0	0	0	0	0	1	0	0	0	5
Patents By Year of Application:	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5
NORTH AMERICAN PHILIPS CORPORATION																
Patents By Year of Grant:	3	1	0	0	0	0	0	0	0	0	1	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
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	3	1	0	0	0	0	0	0	1	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
OTIS ELEVATOR COMPANY																
Patents By Year of Grant:	2	0	0	0	0	0	0	1	0	0	0	0	1	1	0	5
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	5
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	0	0	1	0	0	0	0	0	0	0	0	0	2	1	1	5
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	1	3	0	0	0	0	5

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
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	0	0	1	1	1	0	1	5
Patents By Year of Application:	1	0	0	0	1	0	1	1	0	0	1	0	0	0	0	5
ROCKY RESEARCH																
Patents By Year of Grant:	0	1	1	0	0	0	0	2	1	0	0	0	0	0	0	5
Patents By Year of Application:	2	0	0	0	1	1	1	0	0	0	0	0	0	0	0	5
ROLLS-ROYCE PLC																
Patents By Year of Grant:	2	2	0	0	0	1	0	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
SAINT-GOBAIN VITRAGE																
Patents By Year of Grant:	0	0	3	0	0	0	0	0	0	1	0	1	0	0	0	5
Patents By Year of Application:	3	0	0	0	1	0	0	1	0	0	0	0	0	0	0	5
SANDEN CORPORATION																
Patents By Year of Grant:	3	0	0	0	0	1	1	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	5
SANDVIK AKTIEBOLAG																
Patents By Year of Grant:	2	0	0	1	0	0	0	1	0	0	1	0	0	0	0	5
Patents By Year of Application:	2	0	1	0	0	2	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
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	0	0	3	1	1	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	5
SHIMANO INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	1	0	1	0	0	2	5
Patents By Year of Application:	0	0	0	0	0	2	0	1	0	0	1	0	0	1	0	5

---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

----- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2006) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre																
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL	
WACOM CO., LTD.																	
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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
WISCONSIN ALUMNI RESEARCH FOUNDATION																	
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	0	1	0	0	0	0	0	0	5	
ZENITH ELECTRONICS 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	
Other Organizations (4026)																	
Patents By Year of Grant:	2431	163	160	152	142	158	170	228	273	266	235	229	160	130	292	5189	
Patents By Year of Application:	2825	176	224	224	229	254	249	249	263	193	174	88	39	2	0	5189	