

REISSUE PATENTS
JANUARY 1977 -- DECEMBER 2004



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U.S. PATENT AND TRADEMARK OFFICE
OFFICE OF ELECTRONIC INFORMATION PRODUCTS / PTMD
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A PATENT TECHNOLOGY MONITORING DIVISION REPORT

Reissue Patents Report 1/1977 - 12/2004 Explanation of Data

This Patent Technology Monitoring Division (PTMD) Program Report profiles patent activity for U.S. reissue patents (hereafter referred to as patents) granted between **1977 and December 2004**. The source of the data used for this report is the PTMD database maintained by the Information Products Division.

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 1991" column corresponds to the period **January 1, 1977 through December 31, 1990**.

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 2004**. 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 when the PTO issued fewer patents than would normally have been expected due to a lack of funds to print patents. 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, 2004**, UTILITY patent application data (most issued patent documents are utility patents) were approximately 93% complete for patent applications filed in 1999, 84% complete for applications filed in 2000, and 66% complete for 2001 filings, and 44% complete for applications filed in 2002. They are essentially complete for applications filed prior to 1999. 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, 2004) -----															
	----- NUMBER OF PATENTS -----															
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	4378	263	360	332	317	316	279	277	298	448	524	480	460	421	298	9451
U.S. Origin	3112	171	231	207	194	208	175	173	195	274	331	266	262	222	159	6180
Foreign Origin	1266	92	129	125	123	108	104	104	103	174	193	214	198	199	139	3271
JAPAN	425	53	66	61	59	61	49	51	48	86	112	98	87	98	67	1421
GERMANY	235	8	19	13	18	9	9	10	15	20	13	23	23	21	12	448
UNITED KINGDOM	172	4	10	16	11	6	11	8	8	8	13	11	18	8	8	312
FRANCE	81	5	4	9	7	3	9	5	7	14	7	15	10	18	12	206
CANADA	66	6	5	6	9	5	5	4	7	8	10	11	11	16	8	177
ITALY	32	3	1	1	2	4	4	13	4	14	4	15	5	6	3	111
NETHERLANDS	48	5	6	3		4	3	2	1	4	1	4	3	4	3	91
SWEDEN	46	2	3	3	1	1	1	3	2	4		6	7	2	1	82
SWITZERLAND	47	3	4	2	2	3	5		1	1	4	4	2		3	81
AUSTRALIA	19	1	3	1	4	1	1		2	1	1	4	3	2		43
SOUTH KOREA				1		1	2	1		6	7	6	11	2	5	42
DENMARK	16		1	1	2			1	2	4	2	2		2	2	35
ISRAEL	12			1		1	2		4	1	4	2	4	2	1	34
TAIWAN	2		2	1	2	1		1			4	5	5	8	1	32
AUSTRIA	8		2	2	1	1			2	1	2	2	2	4	1	28
BELGIUM	14		1								2		3	3		23
NORWAY	13			1						1		1			1	17
FINLAND	5		1	1		2		1		1	1		1	2	1	16
NEW ZEALAND	7						1				1	3				12
SPAIN	1				2	1		1			1				3	9
SOUTH AFRICA	3			1							1		1			6
CHINA,HONG KONG S.A.R	1			1							1	1		1	1	6
INDONESIA	1					2	1									4
RUSSIAN FEDERATION						1	1				1				1	4
MEXICO	1							1							1	3
BRAZIL	2							1								3
LUXEMBOURG	1	1											1			3
HUNGARY	2															2
CZECHOSLOVAKIA	2															2
IRELAND		1						1								2
ARGENTINA					2											2
LIECHTENSTEIN	1					1										2
THAILAND			1													1
GREECE	1															1
CHILE	1															1
PERU					1											1
Others (8)	1										1	1	1		4	8
Ownership:																
U.S. Corporations	2576	133	188	156	152	164	134	146	163	214	265	234	211	198	136	5070
U.S. Government	10	1	2	3	1	1		1		1	5	3			1	29
U.S. Individuals	615	44	47	52	45	49	46	33	39	66	64	43	58	32	24	1257
Foreign Corporations	1003	78	112	105	110	96	91	92	93	158	180	180	179	179	130	2786
Foreign Government	14		2	3	1		1		1			1	1	1		25
Foreign Individuals	160	7	9	13	8	6	7	5	2	9	10	19	11	11	7	284

	----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2004) -----															
	----- PERCENT OF PATENTS -----															
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	71	65	64	62	61	66	63	62	65	61	63	55	57	53	53	65
Foreign Origin	29	35	36	38	39	34	37	38	35	39	37	45	43	47	47	35
JAPAN	10	20	18	18	19	19	18	18	16	19	21	20	19	23	22	15
GERMANY	5	3	5	4	6	3	3	4	5	4	2	5	5	5	4	5
UNITED KINGDOM	4	2	3	5	3	2	4	3	3	2	2	2	4	2	3	3
FRANCE	2	2	1	3	2	1	3	2	2	3	1	3	2	4	4	2
CANADA	2	2	1	2	3	2	2	1	2	2	2	2	2	4	3	2
ITALY	1	1			1	1	1	5	1	3	1	3	1	1	1	1
NETHERLANDS	1	2	2	1		1	1	1		1		1	1	1	1	1
SWEDEN	1	1	1	1				1	1	1		1	2			1
SWITZERLAND	1	1	1	1	1	1	2				1	1			1	1
AUSTRALIA			1		1				1			1	1			0
SOUTH KOREA							1			1	1	1	2			0
DENMARK					1				1	1					1	0
ISRAEL							1		1		1		1			0
TAIWAN			1		1						1	1	1	2		0
AUSTRIA			1	1					1					1		0
BELGIUM													1	1		0
NORWAY																0
FINLAND						1										0
NEW ZEALAND											1					0
SPAIN					1										1	0
SOUTH AFRICA																0
CHINA,HONG KONG S.A.R																0
INDONESIA						1										0
RUSSIAN FEDERATION																0
MEXICO																0
BRAZIL																0
LUXEMBOURG																0
HUNGARY																0
CZECHOSLOVAKIA																0
IRELAND																0
ARGENTINA					1											0
LIECHTENSTEIN																0
THAILAND																0
GREECE																0
CHILE																0
PERU																0
Others (8)															1	0
Ownership:																
U.S. Corporations	59	51	52	47	48	52	48	53	55	48	51	49	46	47	46	54
U.S. Government			1	1							1	1				0
U.S. Individuals	14	17	13	16	14	16	16	12	13	15	12	9	13	8	8	13
Foreign Corporations	23	30	31	32	35	30	33	33	31	35	34	38	39	43	44	29
Foreign Government			1	1												0
Foreign Individuals	4	3	3	4	3	2	3	2	1	2	2	4	2	3	2	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, 2004) -----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	5094	357	354	343	413	423	446	398	415	421	389	261	127	10		9451
U.S. Origin	3566	217	228	211	257	249	291	237	247	250	216	137	70	4		6180
Foreign Origin	1528	140	126	132	156	174	155	161	168	171	173	124	57	6		3271
JAPAN	573	65	64	61	75	85	82	83	83	88	81	53	27	1		1421
GERMANY	265	17	12	16	18	19	18	18	11	19	13	16	4	2		448
UNITED KINGDOM	192	9	13	13	11	12	11	9	13	10	9	6	4			312
FRANCE	95	7	6	7	10	17	9	5	9	8	13	17	3			206
CANADA	78	9	6	7	7	7	7	8	11	9	12	10	6			177
ITALY	36	3	4	5	12	17	4	10	4	9	4	2	1			111
NETHERLANDS	59	4	5	2	2	4	1	3	1	3	3	2	1	1		91
SWEDEN	51	3	1	2	1	5	3	5	3	5	1	1	1			82
SWITZERLAND	54	2	4	3	5	1	2	1	2	3	2		1	1		81
AUSTRALIA	22	6	1	1	2		4	1		2	4					43
SOUTH KOREA		1		3	2		4	6	9	6	9	1	1			42
DENMARK	16	3		2	2	2	3	1	2			3	1			35
ISRAEL	14		1	1	1	2	3	3	2	1	6					34
TAIWAN	3	2	2	2			1		5	6	7	3	1			32
AUSTRIA	8	2	3	1			3	1	2	1	4	2	1			28
BELGIUM	15							2	2		2	2				23
NORWAY	13		1			1			2							17
FINLAND	7	1	1	1	2				1		1	2				16
NEW ZEALAND	7		1		1			2			1					12
SPAIN	1	1		1	1	1		1		1			2			9
SOUTH AFRICA	3	1						1	1							6
CHINA,HONG KONG S.A.R	1		1						2		1		1			6
INDONESIA	1	1		1	1											4
RUSSIAN FEDERATION				1	1				1			1				4
LUXEMBOURG	2											1				3
MEXICO	1				1									1		3
BRAZIL	2					1										3
HUNGARY	2															2
LIECHTENSTEIN	1				1											2
IRELAND	1			1												2
ARGENTINA		1		1												2
CZECHOSLOVAKIA	2															2
CHILE	1															1
THAILAND		1														1
PERU		1														1
GREECE	1															1
Others (8)	1							1	2			2	2			8
Ownership:																
U.S. Corporations	2933	175	172	178	213	204	230	200	199	216	176	112	59	3		5070
U.S. Government	15	1	1	3		2	3	1	1	1	1					29
U.S. Individuals	721	50	57	40	55	50	65	39	51	45	45	25	12	2		1257
Foreign Corporations	1226	119	115	113	134	158	139	150	154	147	158	117	52	4		2786
Foreign Government	16	2	1	1		2	2					1				25
Foreign Individuals	183	10	8	8	11	7	7	8	10	12	9	6	4	1		284

----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2004) -----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100		100
U.S. Origin	70	61	64	62	62	59	65	60	60	59	56	52	55	40		65
Foreign Origin	30	39	36	38	38	41	35	40	40	41	44	48	45	60		35
JAPAN	11	18	18	18	18	20	18	21	20	21	21	20	21	10		15
GERMANY	5	5	3	5	4	4	4	5	3	5	3	6	3	20		5
UNITED KINGDOM	4	3	4	4	3	3	2	2	3	2	2	2	3			3
FRANCE	2	2	2	2	2	4	2	1	2	2	3	7	2			2
CANADA	2	3	2	2	2	2	2	2	3	2	3	4	5			2
ITALY	1	1	1	1	3	4	1	3	1	2	1	1	1			1
NETHERLANDS	1	1	1	1		1		1		1	1	1	1	10		1
SWEDEN	1	1		1		1	1	1	1	1			1			1
SWITZERLAND	1	1	1	1	1					1	1		1	10		1
AUSTRALIA		2					1				1					0
SOUTH KOREA				1			1	2	2	1	2		1			0
DENMARK		1		1			1					1	1			0
ISRAEL							1	1			2					0
TAIWAN		1	1	1					1	1	2	1	1			0
AUSTRIA		1	1				1				1	1	1			0
BELGIUM								1			1	1				0
NORWAY																0
FINLAND												1				0
NEW ZEALAND								1								0
SPAIN													2			0
SOUTH AFRICA																0
CHINA,HONG KONG S.A.R													1			0
INDONESIA																0
RUSSIAN FEDERATION																0
LUXEMBOURG																0
MEXICO														10		0
BRAZIL																0
HUNGARY																0
LIECHTENSTEIN																0
IRELAND																0
ARGENTINA																0
CZECHOSLOVAKIA																0
CHILE																0
THAILAND																0
PERU																0
GREECE																0
Others (8)												1	4			0
Ownership:																
U.S. Corporations	58	49	49	52	52	48	52	50	48	51	45	43	46	30		54
U.S. Government				1			1									0
U.S. Individuals	14	14	16	12	13	12	15	10	12	11	12	10	9	20		13
Foreign Corporations	24	33	32	33	32	37	31	38	37	35	41	45	41	40		29
Foreign Government		1														0
Foreign Individuals	4	3	2	2	3	2	2	2	2	3	2	2	3	10		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, 2004) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
HITACHI, LTD																
Patents By Year of Grant:	45	7	7	13	4	4	3	4	7	0	7	7	6	8	4	126
Patents By Year of Application:	67	14	8	1	2	6	8	4	3	5	4	3	1	0	0	126
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	43	6	5	8	2	3	2	2	1	2	2	0	1	0	1	78
Patents By Year of Application:	54	7	2	2	4	3	0	2	2	0	1	0	0	1	0	78
AT&T CORP.																
Patents By Year of Grant:	45	5	1	2	4	2	0	0	0	0	1	0	0	0	0	60
Patents By Year of Application:	51	1	6	1	0	0	1	0	0	0	0	0	0	0	0	60
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	21	1	7	0	2	1	3	1	0	6	5	5	2	5	1	60
Patents By Year of Application:	30	4	1	1	3	5	6	2	2	2	3	1	0	0	0	60
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	8	4	0	0	1	2	1	3	2	4	7	9	5	4	9	59
Patents By Year of Application:	12	1	1	3	5	3	5	3	6	5	7	6	1	1	0	59
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	27	0	1	2	3	7	2	5	1	4	2	1	0	1	0	56
Patents By Year of Application:	31	1	5	5	4	2	3	3	1	1	0	0	0	0	0	56
SONY CORPORATION																
Patents By Year of Grant:	13	2	0	0	3	1	2	1	2	1	7	6	4	5	7	54
Patents By Year of Application:	15	1	1	4	5	3	3	5	2	5	7	1	2	0	0	54
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	9	2	1	3	6	2	3	4	1	7	9	0	2	2	2	53
Patents By Year of Application:	13	5	5	5	1	6	6	4	4	1	1	2	0	0	0	53
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	35	0	2	0	1	1	1	0	5	0	1	0	1	2	1	50
Patents By Year of Application:	37	1	0	0	3	0	3	3	0	1	0	2	0	0	0	50
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	34	2	1	0	2	0	1	0	2	1	1	3	1	1	0	49
Patents By Year of Application:	36	1	2	1	1	0	1	1	2	2	1	0	1	0	0	49
TOSHIBA CORPORATION																
Patents By Year of Grant:	3	0	2	0	2	3	1	1	5	4	11	4	4	2	1	43
Patents By Year of Application:	5	0	2	4	2	7	2	6	9	3	2	1	0	0	0	43

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	5	0	1	2	1	1	5	2	1	5	6	0	0	0	0	29
Patents By Year of Application:	5	3	1	1	6	9	4	0	0	0	0	0	0	0	0	29
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	21	1	1	0	3	0	0	1	0	0	0	1	0	0	0	28
Patents By Year of Application:	22	1	3	1	1	0	0	0	0	0	0	0	0	0	0	28
XEROX CORPORATION																
Patents By Year of Grant:	20	0	1	0	0	0	0	2	1	0	0	1	0	1	1	27
Patents By Year of Application:	21	0	0	0	0	3	0	0	0	1	0	1	1	0	0	27
MOTOROLA, INC.																
Patents By Year of Grant:	15	0	1	1	1	0	2	0	0	0	2	0	1	0	0	23
Patents By Year of Application:	16	1	1	1	1	1	0	1	1	0	0	0	0	0	0	23
NEC CORPORATION																
Patents By Year of Grant:	10	1	0	1	0	0	0	0	2	2	1	2	2	0	2	23
Patents By Year of Application:	11	1	0	0	1	1	0	2	1	3	2	1	0	0	0	23
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	0	0	0	1	0	1	1	0	0	4	2	0	9	0	5	23
Patents By Year of Application:	0	1	0	3	0	0	1	3	2	2	8	2	1	0	0	23
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	10	1	1	1	1	2	2	0	0	1	3	0	0	1	0	23
Patents By Year of Application:	15	0	1	1	2	2	0	0	1	0	1	0	0	0	0	23
ELI LILLY AND COMPANY																
Patents By Year of Grant:	18	0	0	0	0	1	0	0	0	0	0	0	2	1	0	22
Patents By Year of Application:	18	0	1	0	0	0	0	0	0	3	0	0	0	0	0	22
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	7	1	1	0	0	1	0	0	0	3	0	0	2	5	2	22
Patents By Year of Application:	9	0	0	1	0	1	1	1	0	0	1	6	2	0	0	22
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	2	1	3	1	1	1	0	1	0	2	1	3	2	2	1	21
Patents By Year of Application:	6	3	0	1	0	1	0	1	1	4	2	1	1	0	0	21
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	14	0	0	1	1	2	1	0	0	0	0	0	1	0	0	20
Patents By Year of Application:	14	1	1	1	1	1	0	0	0	0	1	0	0	0	0	20

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

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----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ----- Ranked List of Organizations with 5 or More Patents -----

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----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	7	0	2	1	1	0	1	1	0	0	0	1	1	1	0	16
Patents By Year of Application:	11	0	1	0	1	0	0	0	0	0	3	0	0	0	0	16
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	5	2	3	3	16
Patents By Year of Application:	0	0	0	1	1	5	1	1	0	5	1	1	0	0	0	16
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	16
Patents By Year of Application:	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	16
FUJII PHOTO FILM CO., LTD																
Patents By Year of Grant:	7	0	1	1	0	1	0	0	1	1	0	1	0	2	0	15
Patents By Year of Application:	8	1	2	0	0	1	0	1	0	0	1	0	1	0	0	15
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	5	3	2	0	2	0	0	0	1	1	0	1	0	0	0	15
Patents By Year of Application:	8	2	1	1	0	0	1	1	0	0	1	0	0	0	0	15
ROBERT BOSCH GMBH																
Patents By Year of Grant:	11	0	0	0	1	0	1	0	0	1	0	0	0	1	0	15
Patents By Year of Application:	11	0	1	1	0	0	0	1	0	0	1	0	0	0	0	15
DEERE + COMPANY																
Patents By Year of Grant:	13	0	1	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
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	7	1	2	0	1	1	0	0	0	1	0	0	1	0	0	14
Patents By Year of Application:	11	0	0	0	1	0	2	0	0	0	0	0	0	0	0	14
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	12	0	0	0	0	0	0	0	0	0	1	0	1	0	0	14
Patents By Year of Application:	12	0	0	0	0	0	0	0	1	0	1	0	0	0	0	14
OUTBOARD MARINE CORPORATION																
Patents By Year of Grant:	9	0	1	1	1	1	0	0	0	1	0	0	0	0	0	14
Patents By Year of Application:	11	0	1	1	0	0	1	0	0	0	0	0	0	0	0	14
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	5	0	2	0	2	1	0	0	0	1	2	0	0	1	0	14
Patents By Year of Application:	8	2	0	0	0	0	0	0	2	1	0	1	0	0	0	14

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	12	0	0	0	0	0	1	0	0	1	0	0	0	0	0	14
Patents By Year of Application:	12	0	1	0	0	0	1	0	0	0	0	0	0	0	0	14
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	4	0	0	1	0	0	1	2	0	0	0	3	2	1	0	14
Patents By Year of Application:	4	0	1	2	1	0	0	0	2	1	3	0	0	0	0	14
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	1	4	1	0	0	0	0	0	1	0	1	1	3	1	1	14
Patents By Year of Application:	6	0	0	1	0	0	1	0	0	3	2	0	1	0	0	14
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	4	0	0	0	0	3	1	1	0	0	3	0	1	1	0	14
Patents By Year of Application:	4	0	1	3	1	0	0	0	2	1	2	0	0	0	0	14
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	9	0	0	0	1	2	1	0	0	0	0	0	0	0	0	13
Patents By Year of Application:	9	0	1	2	1	0	0	0	0	0	0	0	0	0	0	13
CORNING INCORPORATED																
Patents By Year of Grant:	3	0	0	0	2	1	1	0	0	0	1	0	2	2	1	13
Patents By Year of Application:	4	0	1	1	1	0	1	0	1	2	0	2	0	0	0	13
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	9	0	0	0	0	1	0	0	1	0	0	0	0	1	1	13
Patents By Year of Application:	9	0	0	0	1	0	1	0	0	0	0	1	1	0	0	13
SGS-THOMSON MICROELECTRONICS S.A.																
Patents By Year of Grant:	0	0	0	0	2	0	3	1	1	4	2	0	0	0	0	13
Patents By Year of Application:	0	1	0	3	5	3	1	0	0	0	0	0	0	0	0	13
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	3	2	5	0	12
Patents By Year of Application:	0	0	1	0	0	0	0	0	1	5	3	1	1	0	0	12
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	5	0	0	0	0	1	0	0	1	1	1	0	3	0	0	12
Patents By Year of Application:	5	0	0	0	2	1	0	0	3	0	1	0	0	0	0	12
DANA CORPORATION																
Patents By Year of Grant:	6	1	2	0	0	0	0	0	0	2	0	0	0	0	0	11
Patents By Year of Application:	8	1	0	0	0	0	1	1	0	0	0	0	0	0	0	11

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(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
HOECHST AKTIENGESELLSCHAFT																
Patents By Year of Grant:	6	0	0	0	0	2	2	0	1	0	0	0	0	0	0	11
Patents By Year of Application:	7	0	2	0	2	0	0	0	0	0	0	0	0	0	0	11
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	8	0	1	0	0	1	0	0	0	0	1	0	0	0	0	11
Patents By Year of Application:	9	0	1	0	0	0	0	0	1	0	0	0	0	0	0	11
MEDTRONIC INC.																
Patents By Year of Grant:	6	0	0	0	0	0	0	1	0	0	1	2	0	0	1	11
Patents By Year of Application:	6	0	0	0	1	1	0	2	0	0	0	1	0	0	0	11
MOLEX INCORPORATED																
Patents By Year of Grant:	3	1	0	1	1	0	2	0	2	0	0	1	0	0	0	11
Patents By Year of Application:	4	1	0	2	0	1	2	0	0	1	0	0	0	0	0	11
OLIN CORPORATION																
Patents By Year of Grant:	9	0	1	0	0	0	1	0	0	0	0	0	0	0	0	11
Patents By Year of Application:	10	0	0	0	1	0	0	0	0	0	0	0	0	0	0	11
SHELL OIL COMPANY																
Patents By Year of Grant:	8	0	0	0	0	0	1	1	0	0	1	0	0	0	0	11
Patents By Year of Application:	8	0	0	0	0	2	0	1	0	0	0	0	0	0	0	11
UPJOHN COMPANY																
Patents By Year of Grant:	10	0	0	0	0	1	0	0	0	0	0	0	0	0	0	11
Patents By Year of Application:	10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	11
AMOCO CORPORATION																
Patents By Year of Grant:	7	0	0	2	0	0	0	1	0	0	0	0	0	0	0	10
Patents By Year of Application:	8	0	1	0	1	0	0	0	0	0	0	0	0	0	0	10
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	5	0	1	0	0	1	0	1	0	0	0	0	0	2	0	10
Patents By Year of Application:	7	0	0	0	1	0	0	0	0	0	0	1	1	0	0	10
BETHLEHEM STEEL CORPORATION																
Patents By Year of Grant:	8	0	0	0	0	0	0	1	0	0	0	0	1	0	0	10
Patents By Year of Application:	8	0	0	0	1	0	0	0	0	1	0	0	0	0	0	10
INTERNATIONAL PAPER CO.																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	1	0	0	2	0	0	10
Patents By Year of Application:	7	0	0	0	0	0	0	1	1	1	0	0	0	0	0	10

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
KONICA CORPORATION																
Patents By Year of Grant:	1	1	1	1	1	0	0	1	0	2	1	0	1	0	0	10
Patents By Year of Application:	6	0	0	0	0	3	1	0	0	0	0	0	0	0	0	10
NATIONAL RESEARCH DEVELOPMENT CORPORATION																
Patents By Year of Grant:	6	1	1	2	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	10
OTIS ENGINEERING CORPORATION																
Patents By Year of Grant:	9	1	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
THOMAS + BETTS CORPORATION																
Patents By Year of Grant:	8	0	0	0	0	1	0	0	0	0	0	0	0	1	0	10
Patents By Year of Application:	8	0	0	1	0	0	0	0	0	0	0	1	0	0	0	10
APPLE COMPUTER, INC.																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	1	0	0	0	1	5	9
Patents By Year of Application:	2	0	0	0	0	1	0	0	0	1	1	3	1	0	0	9
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	1	1	3	1	1	1	9
Patents By Year of Application:	1	0	0	0	0	0	1	1	2	1	2	1	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
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	2	0	0	1	1	2	1	1	0	1	0	0	0	0	0	9
Patents By Year of Application:	4	1	1	0	1	2	0	0	0	0	0	0	0	0	0	9
CARRIER CORPORATION																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	1	1	1	0	1	0	0	9
Patents By Year of Application:	5	0	0	0	0	1	2	0	1	0	0	0	0	0	0	9
CHEVRON RESEARCH & TECHNOLOGY CO.																
Patents By Year of Grant:	7	0	0	1	0	0	0	0	0	1	0	0	0	0	0	9
Patents By Year of Application:	7	1	0	0	1	0	0	0	0	0	0	0	0	0	0	9
INTEL CORPORATION																
Patents By Year of Grant:	0	1	0	0	0	0	0	0	0	2	1	1	0	1	3	9
Patents By Year of Application:	1	0	0	0	0	2	2	1	0	0	1	2	0	0	0	9

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---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	1	0	0	0	1	3	0	1	0	1	0	0	0	0	1	8
Patents By Year of Application:	2	0	0	4	0	1	0	0	0	0	0	0	1	0	0	8
PAPST-MOTOREN KG																
Patents By Year of Grant:	3	0	2	2	0	0	0	0	1	0	0	0	0	0	0	8
Patents By Year of Application:	7	0	0	0	0	0	1	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
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 BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM																
Patents By Year of Grant:	4	0	0	0	1	0	1	0	0	0	0	1	1	0	0	8
Patents By Year of Application:	4	0	0	1	0	2	1	0	0	0	0	0	0	0	0	8
STANFORD UNIVERSITY, LELAND JUNIOR, THE BOARD OF TRUSTEES OF																
Patents By Year of Grant:	2	0	0	0	1	1	1	0	0	0	0	1	0	1	1	8
Patents By Year of Application:	3	0	0	2	0	0	0	0	0	1	0	0	2	0	0	8
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	0	0	4	2	8
Patents By Year of Application:	0	0	0	0	0	0	2	0	0	1	2	2	0	1	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
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	2	0	2	3	0	0	8
Patents By Year of Application:	0	0	0	2	0	0	0	2	2	2	0	0	0	0	0	8
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
ANALOG DEVICES, INC.																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	1	0	0	0	1	1	0	7
Patents By Year of Application:	4	0	0	0	1	0	0	0	0	2	0	0	0	0	0	7

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(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL	
AVENTIS PHARMA SA																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	3	0	3	7	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	7	
BP CHEMICALS LIMITED																	
Patents By Year of Grant:	2	0	0	1	0	0	2	1	0	0	1	0	0	0	0	7	
Patents By Year of Application:	2	0	1	0	0	3	0	0	1	0	0	0	0	0	0	7	
BRISTOL-MYERS SQUIBB COMPANY																	
Patents By Year of Grant:	5	0	0	0	0	0	0	1	0	1	0	0	0	0	0	7	
Patents By Year of Application:	5	0	0	1	1	0	0	0	0	0	0	0	0	0	0	7	
BRUNSWICK CORPORATION																	
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	
CASIO COMPUTER CO. LTD.																	
Patents By Year of Grant:	1	2	0	2	0	0	0	0	0	1	0	0	0	1	0	7	
Patents By Year of Application:	4	1	1	0	0	0	0	1	0	0	0	0	0	0	0	7	
CITIZEN WATCH CO., LTD.																	
Patents By Year of Grant:	5	0	0	0	1	0	0	0	0	0	0	0	0	0	1	7	
Patents By Year of Application:	5	0	1	0	0	0	0	0	0	0	0	0	1	0	0	7	
EXXON PRODUCTION RESEARCH COMPANY																	
Patents By Year of Grant:	6	0	1	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	0	0	1	0	1	0	0	0	0	0	1	1	7	
Patents By Year of Application:	3	0	0	1	0	0	1	0	0	2	0	0	0	0	0	7	
GENERAL INSTRUMENT CORPORATION																	
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	0	0	0	1	0	2	7	
Patents By Year of Application:	4	0	0	0	0	0	0	0	0	2	0	1	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:	2	1	0	1	0	0	0	0	0	0	0	0	1	2	0	7	
Patents By Year of Application:	4	0	0	0	0	0	0	0	1	0	0	2	0	0	0	7	

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(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
HOBART CORPORATION																
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
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	4	0	0	2	0	1	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	4	2	0	0	1	0	0	0	0	0	0	0	0	0	0	7
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE																
Patents By Year of Grant:	1	0	0	0	1	0	0	0	1	1	1	1	0	1	0	7
Patents By Year of Application:	1	1	0	0	0	2	1	0	1	0	0	0	1	0	0	7
LG ELECTRONICS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7
MERCK + CO., INC.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	2	0	0	0	0	7
Patents By Year of Application:	5	0	0	0	0	0	0	0	2	0	0	0	0	0	0	7
NORDSON CORPORATION																
Patents By Year of Grant:	4	0	0	0	0	1	0	0	1	0	0	0	0	0	1	7
Patents By Year of Application:	4	0	0	1	0	0	1	0	0	0	0	1	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	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	1	0	1	0	1	0	0	0	0	1	0	1	0	2	0	7
Patents By Year of Application:	2	0	1	0	0	0	1	1	1	0	0	1	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
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	0	0	1	2	0	0	0	0	0	1	2	1	0	0	0	7
Patents By Year of Application:	2	1	0	0	0	1	1	0	1	0	1	0	0	0	0	7

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

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[illegible]

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
SANSKIN KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	2	0	0	0	0	1	0	0	0	0	1	0	2	0	0	6
Patents By Year of Application:	2	0	0	1	0	0	1	1	0	0	1	0	0	0	0	6
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	2	1	0	1	0	0	0	0	0	0	0	0	2	0	0	6
Patents By Year of Application:	3	0	1	0	0	1	0	0	0	0	1	0	0	0	0	6
SEAGATE TECHNOLOGY, INCORPORATED																
Patents By Year of Grant:	0	0	2	0	0	0	1	0	1	0	2	0	0	0	0	6
Patents By Year of Application:	1	1	0	0	2	1	0	0	1	0	0	0	0	0	0	6
SGS-THOMSON MICROELECTRONICS, INC.																
Patents By Year of Grant:	1	0	0	0	0	1	0	1	1	1	0	1	0	0	0	6
Patents By Year of Application:	1	0	1	0	2	1	0	1	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
SMITH INTERNATIONAL INC.																
Patents By Year of Grant:	1	1	0	0	0	0	0	0	0	2	1	1	0	0	0	6
Patents By Year of Application:	2	0	0	0	0	0	3	0	1	0	0	0	0	0	0	6
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
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	0	0	0	0	1	0	0	0	0	0	0	0	6
Patents By Year of Application:	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6
W. R. GRACE & CO.-CONN.																
Patents By Year of Grant:	4	0	0	0	0	1	1	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6
WESTVACO CORPORATION																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	6
Patents By Year of Application:	5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	6

----	Organizational Patenting				(Granted: Jan 01, 1977 - Dec 31, 2004)												----	Ranked List of Organizations with 5 or More Patents		----
	Pre																			
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL				
AKZO N.V.																				
Patents By Year of Grant:	2	0	0	1	0	1	1	0	0	0	0	0	0	0	0	5				
Patents By Year of Application:	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5				
AMPEX CORP.																				
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				
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	0	0	0	0	2	0	0	0	0	0	0	0	5				
Patents By Year of Application:	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	5				
AUTOMOTIVE PRODUCTS PLC																				
Patents By Year of Grant:	3	1	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				
BLACK & DECKER INC.																				
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	1	0	2	1	0	0	5				
Patents By Year of Application:	1	0	0	1	0	0	0	0	1	2	0	0	0	0	0	5				
BOEHRINGER MANNHEIM G.M.B.H.																				
Patents By Year of Grant:	0	0	0	1	2	1	0	0	1	0	0	0	0	0	0	5				
Patents By Year of Application:	0	1	2	1	0	0	1	0	0	0	0	0	0	0	0	5				
BTG INTERNATIONAL LIMITED																				
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	5				
Patents By Year of Application:	0	0	0	0	0	0	0	1	2	1	0	0	1	0	0	5				
CHURCH + DWIGHT CO., INC.																				
Patents By Year of Grant:	1	0	0	0	0	4	0	0	0	0	0	0	0	0	0	5				
Patents By Year of Application:	1	0	0	0	4	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:	4	0	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				

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
DAICEL CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	1	0	0	1	0	0	0	0	1	0	0	0	0	0	2	5
Patents By Year of Application:	1	0	1	0	0	0	0	2	0	0	0	0	1	0	0	5
DISCOVISION ASSOCIATES																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5
Patents By Year of Application:	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5
EMERSON ELECTRIC CO.																
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	0	0	0	1	0	0	0	0	0	0	0	5
ETHYL CORPORATION																
Patents By Year of Grant:	4	0	0	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
HITACHI CABLE, LTD.																
Patents By Year of Grant:	2	0	0	0	1	0	0	0	0	1	0	1	0	0	0	5
Patents By Year of Application:	3	0	0	0	0	0	0	0	1	1	0	0	0	0	0	5
HUSKY INJECTION MOLDING SYSTEMS LIMITED																
Patents By Year of Grant:	1	0	0	1	0	0	1	0	0	0	0	0	1	0	1	5
Patents By Year of Application:	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	5
IDEMITSU KOSAN COMPANY LIMITED																
Patents By Year of Grant:	2	0	0	0	0	0	1	0	0	0	1	1	0	0	0	5
Patents By Year of Application:	2	0	0	1	0	0	0	0	1	0	1	0	0	0	0	5
INTERNATIONAL FLAVORS + FRAGRANCES 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
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
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	1	0	0	0	0	0	0	3	0	1	0	0	5
LAITRAM CORPORATION																
Patents By Year of Grant:	2	0	1	0	2	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	5
LEVER BROTHERS COMPANY, DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	2	0	1	0	0	0	0	0	0	0	1	0	1	0	0	5
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	5

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
LUBRIZOL CORPORATION																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	0	1	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
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	3	0	1	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	5
MITSUBISHI RAYON CO., LTD.																
Patents By Year of Grant:	2	0	1	0	0	0	0	1	0	0	0	0	0	1	0	5
Patents By Year of Application:	3	0	0	0	1	0	0	1	0	0	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
NIPPON SEIKO KABUSHIKI KAISHA																
Patents By Year of Grant:	2	0	2	1	0	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
NIPPON THOMPSON CO., LTD.																
Patents By Year of Grant:	0	0	0	0	1	3	1	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	1	3	1	0	0	0	0	0	0	0	0	0	5
NISSAN CHEMICAL INDUSTRIES, LTD.																
Patents By Year of Grant:	1	0	0	2	1	0	0	0	0	0	0	0	0	1	0	5
Patents By Year of Application:	1	0	3	0	0	0	0	0	0	0	0	1	0	0	0	5
NORTH AMERICAN PHILIPS CORPORATION																
Patents By Year of Grant:	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0	5
Patents By Year of Application:	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	5
Patents By Year of Application:	3	1	0	0	0	0	0	1	0	0	0	0	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
RAMBUS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	1	2	0	0	1	5
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	1	3	0	0	0	0	5

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
SUNDSTRAND CORPORATION																
Patents By Year of Grant:	4	0	0	0	0	1	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
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
TORAY INDUSTRIES INC.																
Patents By Year of Grant:	3	1	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	1	0	0	0	0	0	0	0	0	5
TORO COMPANY																
Patents By Year of Grant:	2	1	0	0	0	1	0	0	0	0	1	0	0	0	0	5
Patents By Year of Application:	3	0	0	1	0	0	0	0	1	0	0	0	0	0	0	5
TORRINGTON COMPANY																
Patents By Year of Grant:	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	1	2	1	1	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
UNIVERSITY OF MINNESOTA, THE REGENTS OF																
Patents By Year of Grant:	4	0	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
WACOM CO., LTD.																
Patents By Year of Grant:	0	1	2	1	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
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	4	0	0	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	0	1	0	0	0	0	5
ZENITH ELECTRONICS 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
Other Organizations (3765)																
Patents By Year of Grant:	2127	126	197	164	161	155	145	161	172	235	282	276	242	243	170	4856
Patents By Year of Application:	2480	189	177	180	222	223	217	243	244	240	220	137	80	4	0	4856