REISSUE PATENTS JANUARY 1977 -- DECEMBER 2013



March 2014
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 - 12/2013

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 January 1, 1977 and December 31, 2013. 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 YYYY" column correspond to the time period prior to year YYYY.

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 (HISTORICALLY ~ 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 29 months, the patented application data for the most recent years of this report are incomplete.* This is because a significant number of the applications filed during the most recent years were still pending at the end of the report period. While many of these applications eventually will be patented, they will not be patented until sometime following the report period.

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.

Patent data in the "Pre YYYY" column correspond to the time period prior to YYYY.

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 ownership category 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.

^{*} For example, in a report profiling utility patents granted through December 2013, patent grant data, as distributed by year of application are approximately 96% complete for utility patent applications filed in 2004, 92% complete for applications filed in 2005, 84% complete for applications filed in 2006, 74% complete for applications filed in 2007, 59% complete for applications filed in 2008, 50% complete for applications filed in 2009, 39% complete for applications filed in 2010, and 24% complete for applications filed in 2011; data are essentially complete for applications filed prior to 2004. About 90% of all patent documents granted by USPTO (i.e., including utility, design, plant, and reissue patents, statutory invention registrations, and defensive publications) are utility patent grants. Currently, completion percentages restricted to reissue patents are not available.

Part A1 Patent Grants As Distributed By Year of Patent Grant

Free December 1 Part			Patents	Granted	By Da	ate Of	Patent	Grant.	(Granted:	Jan 01.	1977 -	Dec 31.	2013)					
Part 2009 2000 2001 2002 2004 2006 2006 2007 2008 2009 2010 2011 2012 2013 2014 2014 2015 20			1 4 5 5 1 5 5	02411004	_, _,			020110	(024110041	Juli 11,		200 01,						
TOLAL TO								N	UMBER OF	PATENTS								
U.S. Oxigina 4840 331 266 262 222 189 136 236 280 333 236 443 557 401 393 974 Foreign Dixigin Ciginal		Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total	
U.S. Oxigina 4840 331 266 262 222 189 136 236 286 280 333 236 463 557 401 393 9274 Foreign Dixigin Dixigin Civilian (1.5) 210 189 189 189 189 189 189 189 189 189 189																		
FOREIGN CILIDAD 190																		
JAPAN 959 112 98 87 98 67 55 115 106 143 90 204 181 153 121 2589	_																	
CHEMMAY	Foreign Origin	2328	193	214	198	199	139	109	224	228	314	217	484	4/2	421	405	6145	
CHEMMAY	.TA DA N	959	112	98	87	98	67	55	115	106	143	90	204	181	153	121	2589	
WILTER KINDROM KORRA, SOUTH 11 7 6 11 2 5 6 61 2 12 19 9 24 19 67 16 450																		
MARIANA 121																		
FRANCE 144 7 15 10 18 12 7 7 8 12 8 16 19 8 29 300 TATININ 9 4 5 5 8 8 1 4 5 6 8 17 15 47 38 24 23 2313 TITALY 78 4 15 5 6 8 3 1 3 3 9 9 4 8 8 9 10 7 171 SWIDDIN 66 6 6 6 7 2 1 1 4 10 10 10 10 10 10 10 10 10 6 10 11 6 5 149 NETHIRLANDS 76 1 4 3 3 4 3 3 3 5 3 3 2 4 5 5 12 16 141 SHITTERIAND 68 4 4 4 2 3 3 5 5 3 5 4 4 3 3 7 6 118 TITALY 9 1 4 2 4 2 1 5 5 5 9 8 3 3 4 12 6 6 9 95 AUSTRALY 33 1 4 3 2 5 7 7 7 8 8 3 4 4 12 6 9 9 95 AUSTRALY 33 1 4 3 2 5 7 7 7 8 8 3 4 4 12 6 9 9 95 AUSTRALY 33 1 4 3 2 5 7 7 7 14 11 61 FENDAMO 11 1 1 1 1 1 2 1 2 1 1 2 1 3 2 1 2 1 7 7 7 14 11 61 FENDAMO 11 1 1 1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 61 FENDAMO 15 1 7 2 2 2 2 2 2 1 2 3 3 1 1 1 2 6 5 5 7 7 AUSTRALY 17 2 2 2 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11		6	11		5	6	12	12	22	19		75		95	421	
TATION	CANADA	121	10	11	11	16	8	3	16	12	17	12	21	31	18	20	327	
TYALY	FRANCE	144	7	15	10	18	12	7	7	8	12	8	16	19	8	9	300	
SWEDEN 66	TAIWAN	9	4	5	5	8	1	4	5	8	17	15	47	38	24	23	213	
NETHERLANDS 76 1 4 4 3 4 3 3 5 5 3 5 4 4 5 12 16 141 SHITZERLAND 68 4 4 2 2 3 3 5 5 3 5 4 4 5 7 6 6 118 ISRAEL 21 4 2 2 1 5 5 5 9 8 3 4 12 6 9 95 AUSTRALIA 33 1 4 3 2 7 5 6 3 4 4 3 3 7 6 6 118 FINLAND 11 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 1 2 1	ITALY	78	4	15	5		3	1		9	9	4	8	9	10			
SWITZERIAND 68 4 4 4 2 3 3 5 3 5 4 4 6 3 7 6 118 ISRAML 121 4 2 4 2 1 5 5 5 9 8 8 3 4 12 6 9 95 ADSTRALIA 33 1 4 3 2 5 7 5 5 6 3 4 12 6 9 95 ADSTRALIA 33 1 4 3 2 5 7 5 5 6 3 4 12 6 9 95 ADSTRALIA 33 1 4 4 3 2 5 7 7 5 5 6 3 4 2 3 3 7 81 ADSTRALIA 131 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					-					10								
ISBAREL 21 4 2 4 2 1 5 5 5 9 8 8 3 4 12 6 9 95 AUSTRALIA 33 1 4 3 2 7 5 6 6 3 4 3 3 7 81 FINLAND 11 1 1 1 1 2 1 2 1 2 1 2 1 7 7 5 6 6 3 4 3 3 7 81 FINLAND 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						4		3										
## ADSTRALIA 33 1 4 3 2 7 5 6 3 4 3 3 7 81				_		_		_										
FINLAND PENMARK 27 2 2 2 2 2 1 3 3 1 1 2 1 7 7 7 14 11 61 PENMARK 17 2 2 2 2 2 1 1 3 3 3 1 1 1 2 6 6 5 5 77 AUSTEIA 17 2 2 2 2 2 4 1 1 1 1 1 4 1 3 10 49 BELGIUM 15 2 3 3 3 1 1 1 2 2 1 4 2 1 4 2 1 4 2 2 1 4 2 2 41 SPAIN 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							1	5										
DEMMARK 27 2 2 2 2 4 1 3 3 1 1 2 6 5 57 AUSTRIA 17 2 2 2 2 2 4 1 1 1 1 1 4 1 1 3 10 4 BELIGIUM 15 2 3 3 3 1 1 1 2 6 5 2 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				4														
MUSTRIA 17 2 2 2 2 4 1 1 1 1 4 1 3 10 48 BELGIUM 15 2 3 3 3				2	1			1								11		
BELGIUM 15 2 3 3					2				3			-			3	10		
SPAIN 5 1							_		1			4			4			
NORRAY 15 1 3 1 1 1 1 2 2 26 NEW ZEALAND 8 1 3 3						_	3	2										
CHINA, PEOPLE'S REPUB CHINA, HONG KONG S.A.R 2 1 1 1 1 1 2 6 6 3 7 20 CHINA, HONG KONG S.A.R 2 1 1 1 1 2 1 1 1 2 3 1 1 16 SINGAPORE SINGAPORE 1 1 1 1 2 3 1 1 15 RUSSIAN FEDERATION 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NORWAY	15		1				1	1				3	1	1	2	26	
CHINA, HONG KONG S.A.R 2 1 1 1 2 2 2 2 2 2 3 1 1 1 15 SINGAPORE 1 1 2 2 2 2 2 2 1 3 1 1 15 RUSSIAN FEDERATION 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NEW ZEALAND	8	1	3					1	2		1	2	3		1	22	
SINGAPORE 1	CHINA, PEOPLE'S REPU	3					1				1	2		6	3	7	20	
RUSSIAN FEDERATION 2 1	CHINA, HONG KONG S.A.F	₹ 2	1	1		1	1	2			1	1	2	3	1		16	
INDIA SOUTH AFRICA 4 1 1 1 1 1 1 1 1 1 1 9 MEXICO 2 1 1 1 1 1 1 1 1 5 LUXEMBOURG 2 1 1 1 1 1 1 1 5 INDIASTRA 4 1 1 1 1 1 1 1 5 INDIASTRA 4 1 1 1 1 1 1 1 1 5 INDIASTRA 4 1 1 1 1 1 1 1 1 5 INDIASTRA 4 1 1 1 1 1 1 1 1 1 5 INDIASTRA 4 1 1 1 1 1 1 1 1 1 5 INDIASTRA 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SINGAPORE			1				2	2	2	2	1	3		1	1	15	
SOUTH AFRICA 4 1 1 1 1 1 5 1 1 5 1 5 1 1 5 1 5 1 1 5 1 5 1 5 1 1 5 1 5 1 5 1 1 5 1		2	1				1			1		1						
MEXICO 2 1 1 1 1 5 LUXEMBOURG 2 1 1 1 1 1 1 5 LUXEMBOURG 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									1		1			1		2		
LUXEMBOURG 2 1 1 1 1 5 5 1 5 1 5 1 1 5 5 1 1 1 1 5 5 1 1 1 1 1 1 1 1 1 1 1 1 5 5 1			1		1							1	1					
INDONESIA 4 THAILAND 1 ARGENTINA 2 LINEARY 2 LINEARD 3 ENRICH 3 ENR					_		1		_						1	1		
THAILAND 1					1				1				1					
ARGENTINA 2										1		2						
HUNGARY 2									1	_	1	2						
TRELAND 2									-		-				1	1		
PORTUGAL 1												1			_	_		
ANDORRA Others (23) 9 1 1 1 3 1 2 2 1 1 5 4 2 31 Ownership: U.S. Corporations 4026 265 234 211 198 136 114 254 242 297 203 367 528 411 358 7844 U.S. Government 20 5 3 1 1 1 2 1 4 2 3 2 5 49 U.S. Individuals 1036 64 43 58 32 24 25 38 45 41 37 94 69 36 37 1679 Foreign Corporations 1938 180 180 179 179 130 99 212 211 294 186 420 409 364 383 5364 Foreign Government 22 1 1 1 1 1 2 2 1 294 186 420 409 364 383 5364											1					1		
Others (23) 9 1 1 3 1 2 2 1 5 4 2 31 Ownership: U.S. Corporations 4026 265 234 211 198 136 114 254 242 297 203 367 528 411 358 7844 U.S. Government 20 5 3 1 1 2 1 4 2 3 2 5 49 U.S. Individuals 1036 64 43 58 32 24 25 38 45 41 37 94 69 36 37 1679 Foreign Corporations 1938 180 180 179 179 130 99 212 211 294 186 420 409 364 383 5364 Foreign Government 22 1 1 1 1 2 2 1 294 186 420 409 364 383 5364	BRAZIL	3															3	
Ownership: U.S. Corporations 4026 265 234 211 198 136 114 254 242 297 203 367 528 411 358 7844 U.S. Government 20 5 3 1 1 1 2 1 4 2 3 2 5 49 U.S. Individuals 1036 64 43 58 32 24 25 38 45 41 37 94 69 36 37 1679 Foreign Corporations 1938 180 180 179 179 130 99 212 211 294 186 420 409 364 383 5364 Foreign Government 22 1 1 1 1 1 2 2 1 1 1 1 30	ANDORRA											1	1		1		3	
U.S. Corporations 4026 265 234 211 198 136 114 254 242 297 203 367 528 411 358 7844 U.S. Government 20 5 3 1 1 1 2 1 4 2 3 2 5 49 U.S. Individuals 1036 64 43 58 32 24 25 38 45 41 37 94 69 36 37 1679 Foreign Corporations 1938 180 180 179 179 130 99 212 211 294 186 420 409 364 383 5364 Foreign Government 22 1 1 1 1 1 2 2 1 1 1 1 30	Others (23)	9	1		1		3	1	2		2		1	5	4	2	31	
U.S. Corporations 4026 265 234 211 198 136 114 254 242 297 203 367 528 411 358 7844 U.S. Government 20 5 3 1 1 1 2 1 4 2 3 2 5 49 U.S. Individuals 1036 64 43 58 32 24 25 38 45 41 37 94 69 36 37 1679 Foreign Corporations 1938 180 180 179 179 130 99 212 211 294 186 420 409 364 383 5364 Foreign Government 22 1 1 1 1 1 2 2 1 1 1 1 30																		
U.S. Government 20 5 3 1 1 1 2 1 4 2 3 2 5 49 U.S. Individuals 1036 64 43 58 32 24 25 38 45 41 37 94 69 36 37 1679 Foreign Corporations 1938 180 180 179 179 130 99 212 211 294 186 420 409 364 383 5364 Foreign Government 22 1 1 1 1 2 2 1 1 1 30				004	0.1.1				65.4	0.10			2.55	F00	4	250	7044	
U.S. Individuals 1036 64 43 58 32 24 25 38 45 41 37 94 69 36 37 1679 Foreign Corporations 1938 180 180 179 179 130 99 212 211 294 186 420 409 364 383 5364 Foreign Government 22 1 1 1 1 2 2 1 1 1 30	= = = = = = = = = = = = = = = = = = = =				211	198					297							
Foreign Corporations 1938 180 180 179 179 130 99 212 211 294 186 420 409 364 383 5364 Foreign Government 22 1 1 1 1 2 2 1 1 1 30					5.0	30					<i>A</i> 1							
Foreign Government 22 1 1 1 1 2 1 1 1 30	0.5. Individuals	1036	04	43	36	32	24	25	30	40	41	31	24	09	30	٠, د	10/9	
Foreign Government 22 1 1 1 1 2 1 1 1 30	Foreign Corporations	1938	180	180	179	179	130	99	212	211	294	186	420	409	364	383	5364	
roreign individuals 226 10 19 11 11 / 6 13 / 15 23 64 19 8 14 453	Foreign Individuals	226	10	19	11	11	7	6	13	7	15	23	64	19	8	14	453	

		Patents	Granted	By Da	te Of	Patent	Grant	(Granted:	Jan 01,	1977 -	Dec 31,	2013)				
							PI	ERCENT OF	PATENTS	:						
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	68	63	55	57	53	53	56	57	55	51	52	49	54	49	49	60
Foreign Origin	32	37	45	43	47	47	44	43	45	49	48	51	46	51	51	40
																4.5
JAPAN	13	21	20	19	23	22	22	22	21	22	20	22	18	19	15	17
GERMANY	5	2	5	5	5	4	4	3	4	3	4	4	3 2	4	3	4
UNITED KINGDOM	3	2 1	2 1	4 2	2	3 2	2 2	2 2	2 2	3 3	2 4	3 7	7	3 9	2 12	3 3
KOREA, SOUTH CANADA	2	2	2	2	4	3	1	3	2	3	3	2	3	2	3	2
FRANCE	2	1	3	2	4	4	3	1	2	2	2	2	2	1	1	2
TAIWAN	2	1	1	1	2	-	2	1	2	3	3	5	4	3	3	1
ITALY	1	1	3	1	1	1	_	1	2	1	1	1	1	1	1	1
SWEDEN	1	_	1	2	-	_		1	2	2	2	1	1	1	1	1
NETHERLANDS	1		1	1	1	1	1	1	_	_	_		_	1	2	1
SWITZERLAND	1	1	1	_		1		1	1	1	1			1	1	1
ISRAEL		1		1			2	1	2	1	1		1	1	1	1
AUSTRALIA			1	1				1	1	1	1				1	1
FINLAND												1	1	2	1	0
DENMARK						1		1	1				1	1		0
AUSTRIA					1					1					1	0
BELGIUM				1	1						1					0
SPAIN						1	1			1						0
NORWAY																0
NEW ZEALAND			1													0
CHINA, PEOPLE'S REPU	В												1		1	0
CHINA, HONG KONG S.A.	R						1									0
SINGAPORE							1									0
RUSSIAN FEDERATION																0
INDIA																0
SOUTH AFRICA																0
MEXICO																0
LUXEMBOURG																0
INDONESIA THAILAND																0
ARGENTINA																0
HUNGARY																0
IRELAND																0
PORTUGAL																0
BRAZIL																0
ANDORRA																0
Others (23)						1										0
Ownership:																
U.S. Corporations	55	51	49	46	47	46	47	49	48	46	45	39	51	50	45	51
U.S. Government		1	1								1				1	0
U.S. Individuals	14	12	9	13	8	8	10	7	9	6	8	10	7	4	5	11
Foreign Corporations	27	34	38	39	43	44	40	41	42	45	41	44	40	44	48	35
Foreign Government																0
Foreign Individuals	3	2	4	2	3	2	2	3	1	2	5	7	2	1	2	3

Part A2 Patent Grants As Distributed By Year of Patent Application

	Pat	tente Gr	ranted F	By Date	Of Pat	ent An	plication	(Grant	ed: Jan	01 1977	- Dec 3	1 2013)				
	140		ianicca i	y Date	or ru	cere rip	pricación	(Ozum	ca. oun	01, 13,,,	200 3	1, 2013,				
						1	NUMBER C	F PATENT	ED APPLI	CATIONS						
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	9096	663	627	570	530	539	565	558	505	447	388	381	339	198	13	15419
U.S. Origin	5917	335	338	301	312	286	299	290	281	241	213	176	175	101	9	9274
Foreign Origin	3179	328	289	269	218	253	266	268	224	206	175	205	164	97	4	6145
T3 D3 W	1054	154	126	140	110	100	00	0.5	70	0.1	7.6	01		0.6		0500
JAPAN GERMANY	1354 436	154 28	136 30	140 19	112 20	108 21	93 17	95 11	78 10	81 19	76 14	91 8	44 15	26 6	1 1	2589 655
UNITED KINGDOM	316	22	14	22	10	9	9	15	6	7	7	6	4	2	1	450
KOREA, SOUTH	47	14	8	15	10	29	33	24	53	36	25	60	40	26	1	421
CANADA	157	18	20	15	9	14	14	14	20	14	10	7	11	4	-	327
FRANCE	184	23	28	10	7	10	11	11	2	2	7	2	2	1		300
TAIWAN	22	8	6	8	8	13	44	38	25	12	11	5	5	8		213
ITALY	112	8	3	3	6	3	6	14	3	2	1	5	3	2		171
SWEDEN	98	5	5	2		4	3	16	4	3	1	5	3			149
NETHERLANDS	93	5	3	4	5	6	1	1		8	2		7	6		141
SWITZERLAND	82	4	2	5	4	4	4	1	3	1	1	1	5	1		118
ISRAEL	32	12	7	7	4	4	6	5	2	5	3	1	6	1		95
AUSTRALIA	50	4	1	3	2	5	4	2	2		2	1	5			81
FINLAND	18	3	7		3	1	5	4	5	3	3	2	2	5		61
DENMARK	38	_	3	2	2	3	1	3	2	_	2	1		_		57
AUSTRIA	22	5	3	3	•	2	1	1	2	1	2	2	3	1		48
BELGIUM SPAIN	25 12	3 2	3	3	2 3	2 5	1	1		2	1	1 1	3 1	1		41 31
NORWAY	18	2		2	2	1				2		1	1			26
NEW ZEALAND	13	3		2	1	2	2		1	2		1				22
CHINA, PEOPLE'S REPU			1		1	1	2	2	-	2	1	2	2	6		20
CHINA, HONG KONG S.A.		2	_	1	1	2	_	1		_	2	1	1	•		16
SINGAPORE	4	4				1	1	1	2		1	1				15
RUSSIAN FEDERATION	4		1		1		2	1		1						10
INDIA			2		1		1		1	4		1				10
SOUTH AFRICA	6				1						1		1			9
MEXICO	2				1				2							5
LUXEMBOURG	2		1		1					1						5
INDONESIA	4															4
HUNGARY	2			1			1									4
ARGENTINA	2		1	1				_								4
THAILAND IRELAND	1 2						1	3								4
PORTUGAL	1						1		1							3
BRAZIL	3						-		-							3
ANDORRA	J						1	2								3
Others (23)	12	1	4	3	1	3	1	2			2		1	1		31
· · ·		=	=	=	=	-	=	_			_		=	=		
wnership:																
U.S. Corporations	4877	284	301	248	269	270	261	253	240	232	211	150	160	85	3	7844
U.S. Government	30	4		1	1	3	1	3	3				1	2		49
U.S. Individuals	1188	61	54	50	42	32	53	54	47	35	16	19	18	10		1679
Foreign Corporations	2694	294	258	252	212	225	215	217	195	171	156	210	156	99	10	5364
Foreign Government	26		2	2	_	_				_	_	_	_	_		30
Foreign Individuals	281	20	12	17	6	9	35	31	20	9	5	2	4	2		453

REISSUE PATENTS REPORT

				y Date												
						1	PERCENT O	PATENTI	D APPLT	CATIONS						
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
otal	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	65	51	54	53	59	53	53	52	56	54	55	46	52	51	69	60
Foreign Origin	35	49	46	47	41	47	47	48	44	46	45	54	48	49	31	40
JAPAN	15	23	22	25	21	20	16	17	15	18	20	24	13	13	8	17
GERMANY	5	4	5	3	4	4	3	2	2	4	4	2	4	3	8	4
UNITED KINGDOM	3	3	2	4	2	2	2	3	1	2	2	2	1	1	8	3
KOREA, SOUTH	1	2	1	3	2	5	6	4	10	8	6	16	12	13	8	3
CANADA	2	3	3	3	2	3	2	3	4	3	3	2	3	2		2
FRANCE	2	3	4	2	1	2	2	2			2	1	1	1		2
TAIWAN		1	1	1	2	2	8	7	5	3	3	1	1	4		1
ITALY	1	1		1	1	1	1	3	1			1	1	1		1
SWEDEN	1	1	1			1	1	3	1	1		1	1			1
NETHERLANDS	1	1		1	1	1				2	1		2	3		1
SWITZERLAND	1	1		1	1	1	1		1				1	1		1
ISRAEL		2	1	1	1	1	1	1		1	1		2	1		1
AUSTRALIA	1	1		1		1	1				1		1			1
FINLAND			1		1		1	1	1	1	1	1	1	3		C
DENMARK						1		1			1					C
AUSTRIA		1		1							1	1	1	1		C
BELGIUM													1			C
SPAIN				1	1	1								1		C
NORWAY																c
NEW ZEALAND																C
CHINA, PEOPLE'S REPU	JB											1	1	3		C
CHINA, HONG KONG S.A.											1					C
SINGAPORE		1														C
RUSSIAN FEDERATION																C
INDIA										1						C
SOUTH AFRICA																(
MEXICO																(
LUXEMBOURG																(
INDONESIA																(
HUNGARY																c
ARGENTINA																(
THAILAND								1								(
IRELAND																(
PORTUGAL																(
BRAZIL																(
ANDORRA																(
Others (23)			1	1		1					1			2		C
mership:																
U.S. Corporations	54	43	48	44	51	50	46	45	48	52	54	39	47	43	23	51
U.S. Government		1				1		1	1					1		C
U.S. Individuals	13	9	9	9	8	6	9	10	9	8	4	5	5	5		11
Foreign Corporations	30	44	41	44	40	42	38	39	39	38	40	55	46	50	77	35
Foreign Government																(
oreign Individuals	3	3	2	3	1	2	6	6	4	2	1	1	1	1		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. Tan O	1 1077	- Dec 31	2013)	T	Panked Li	et of Or	anizati	one with	5 or 1	More Dat	ents
Olganizacional Facencino	4			(Grance	u. Dan U	1, 1977	- Dec 31	, 2013)	1	Manked III	St OI OI	ganizaci	Olis With	3 01 1	MOIE FAC	encs
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
LG ELECTRONICS INC.																
Patents By Year of Grant:	0	3	4	0	0	0	2	3	4	6	4	43	50	33	41	193
Patents By Year of Application:	10	0	1	0	5	9	19	17	45	22	14	27	17	7	0	193
HITACHI, LTD																
Patents By Year of Grant:	94	7	7	6	8	4	1	8	11	6	4	5	8	4	2	175
Patents By Year of Application:	120	8	6	11	3	5	5	4	3	1	3	3	2	1	0	175
MATSUSHITA ELECTRIC INDUSTRIAL CO.,	LTD.															
Patents By Year of Grant:	25	7	9	5	4	9	12	26	23	25	1	0	1	0	0	147
Patents By Year of Application:	54	29	20	10	26	7	1	0	0	0	0	0	0	0	0	147
SONY CORPORATION																
Patents By Year of Grant:	25	7	6	4	5	7	3	1	5	10	6	19	12	15	21	146
Patents By Year of Application:	48	13	6	5	1	13	6	5	4	17	8	7	7	6	0	146
TOSHIBA CORPORATION																
Patents By Year of Grant:	21	11	4	4	2	1	2	4	2	6	6	15	24	17	23	142
Patents By Year of Application:	42	3	5	5	4	5	4	12	3	11	20	22	5	1	0	142
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	7	2	0	9	0	5	3	7	7	6	14	19	12	17	14	122
Patents By Year of Application:	25	12	7	8	3	12	10	7	6	4	5	6	11	6	0	122
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	74	2	0	1	0	1	0	3	2	2	2	4	2	0	2	95
Patents By Year of Application:	76	3	0	1	5	1	2	4	2	0	0	0	1	0	0	95
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	12	4	1	6	10	2	2	5	5	8	3	8	9	9	7	91
Patents By Year of Application:	26	5	14	7	3	1	6	2	7	4	4	6	5	1	0	91
Panasonic Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	27	33	10	12	5	89
Patents By Year of Application:	6	8	8	6	7	8	9	8	11	7	5	3	2	1	0	89
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	33	4	0	2	2	1	4	2	2	7	2	3	10	4	7	83
Patents By Year of Application:	43	6	5	2	2	1	3	3	3	4	1	2	6	2	0	83
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	38	9	0	2	2	2	2	2	1	5	2	5	2	3	3	78
Patents By Year of Application:	53	2	3	2	3	2	3	3	1	2	0	4	0	0	0	78

REISSUE PATENTS REPORT

REISSUE PATENTS REPORT															Page	B - 2	
Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2013)	1	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents	
	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
INTERNATIONAL BUSINESS MACHINES CORPOR	RATION																
Patents By Year of Grant:	42	5	5	2	5	1	1	2	1	2	1	1	1	0	1	70	
Patents By Year of Application:	57	3	1	1	3	2	1	0	0	0	2	0	0	0	0	70	
RICOH COMPANY, LTD.																	
Patents By Year of Grant:	15	2	6	3	3	1	1	1	6	5	3	6	5	5	0	62	
Patents By Year of Application:	31	3	3	3	8	3	3	2	2	1	2	1	0	0	0	62	
AT&T CORP.																	
Patents By Year of Grant:	59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	60	
Patents By Year of Application:	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	
MICRON TECHNOLOGY, INC.																	
Patents By Year of Grant:	19	8	3	3	3	0	3	6	3	4	5	2	0	1	0	60	
Patents By Year of Application:	39	1	7	6	3	1	0	1	1	0	0	0	1	0	0	60	
EASTMAN KODAK COMPANY																	
Patents By Year of Grant:	45	1	0	1	2	1	0	1	2	0	0	3	1	1	0	58	
Patents By Year of Application:	49	0	3	0	0	1	1	1	1	0	2	0	0	0	0	58	
FUJITSU LIMITED																	
Patents By Year of Grant:	15	5	7	3	3	1	2	1	2	6	1	1	5	3	1	56	
Patents By Year of Application:	35	3	4	1	2	1	1	5	0	0	0	4	0	0	0	56	
MINNESOTA MINING AND MANUFACTURING COM		_		_		_	_	_			_	_	_	_			
Patents By Year of Grant:	52	2	1	0	1	0	0	0	0	0	0	0	0	0	0	56	
Patents By Year of Application:	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	
Apple, Inc.	•	•		•		_	•	•		•	_	_	_	_	•		
Patents By Year of Grant:	3	0	0	0	7	5	2	2	4	3	7	5	7	7	8	54	
Patents By Year of Application:	6	1	10	8	7	4	2	7	1	1	4	1	1	1	0	54	
E. I. DU PONT DE NEMOURS AND COMPANY						_											
Patents By Year of Grant:	43	1	3	1	1	0	0	1	0	2	0	0	0	0	0	52	
Patents By Year of Application:	47	1	0	2	0	1	1	0	0	0	0	0	0	0	0	52	
NIKON CORPORATION																	
Patents By Year of Grant:	15	4	5	4	5	5	1	3	2	1	0	2	0	0	0	47	
Patents By Year of Application:	31	8	5	0	0	2	0	0	1	0	0	0	0	0	0	47	

BAYER AKTIENGESELLSCHAFT
Patents By Year of Grant:

Patents By Year of Application:

Organizational Patenting				(Granta	ad: Jan 0	1 1077	- Dec 31	20131	7	anked T:	et of O-	anizati	one with	5 05	More Pot	cents
Organizational Patenting				(Grante	su. Jan U	11, 19//	- Dec 31	, 2013)	F	ankeu Ll	SC OI OF	yanızatl	Ous with	3 OF	MOTE Pat	Jenics
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
CATERPILLAR INC.																
Patents By Year of Grant:	31	1	1	1	0	0	1	0	1	1	0	2	0	0	1	40
Patents By Year of Application:	34	0	1	1	0	0	0	2	0	2	0	0	0	0	0	40
SHARP KABUSHIKI KAISHA (SHARP CORPORA	ATION)															
Patents By Year of Grant:	8	0	3	2	1	0	1	1	1	0	1	1	1	9	11	40
Patents By Year of Application:	11	4	2	1	1	0	0	1	1	2	3	6	7	1	0	40
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	7	1	1	3	1	1	2	4	1	2	1	5	7	3	0	39
Patents By Year of Application:	12	2	3	3	1	7	1	3	2	3	2	0	0	0	0	39
NEC CORPORATION																
Patents By Year of Grant:	16	1	2	2	0	2	0	1	2	2	1	3	1	2	2	37
Patents By Year of Application:	20	2	1	2	4	2	2	2	0	0	0	2	0	0	0	37
Round Rock Research, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	8	13	7	7	35
Patents By Year of Application:	0	0	0	0	3	2	2	1	16	2	5	2	1	1	0	35
XEROX CORPORATION																
Patents By Year of Grant:	24	0	1	0	1	1	1	1	1	2	0	1	2	0	0	35
Patents By Year of Application:	25	0	3	3	0	1	0	0	1	0	1	1	0	0	0	35
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	31	0	1	1	0	0	0	0	0	0	0	0	0	0	0	33
Patents By Year of Application:	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
ELI LILLY AND COMPANY								_								
Patents By Year of Grant:	19	0	0	2	1	0	0	5	0	1	1	1	1	1	0	32
Patents By Year of Application:	22	2	1	1	3	0	1	0	0	0	0	1	1	0	0	32
INTEL CORPORATION	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
Patents By Year of Grant:	3	1	1	0	1	3	1	4	4	2	3	5	0	1	3	32
Patents By Year of Application:	8	3	3	3	6	4	3	1	0	0	0	1	0	0	0	32
EAMON CORPORANTOS																
EATON CORPORATION		_	_	_	_	_	•	_	_	•	•	•	•	•	_	21
Patents By Year of Grant:	25	2	1	1	0	1	0	0	1	0	0	0	0	0	0	31
Patents By Year of Application:	28	2	0	0	1	0	0	0	0	0	0	0	0	0	0	31
ELECTRONICA AND MELECOMONICA DI	EGEADOU T	NO. T.														
ELECTRONICS AND TELECOMMUNICATIONS RI	ESEARCH I	NSTITUTE 0		•	0	0	0		•	2	•	1		•	01	20
Patents By Year of Grant:	•	0	0	0 1	0	0	0 3	1 0	0	3 1	0 1	1	4 7	0 1	21	30
Patents By Year of Application:	0	U	1	1	1	1	3	U	2	1	1	11	7	1	0	30

REISSUE PATENTS REPORT

REISSUE PATENTS REPORT															rage	B - 4
Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2013)	F	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	cents
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	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
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	19	3	0	0	1	0	0	0	1	0	0	1	3	1	1	30
Patents By Year of Application:	22	1	0	0	1	1	1	1	1	0	2	0	0	0	0	30
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	2	3	2	5	0	2	1	2	3	3	1	3	1	1	29
Patents By Year of Application:	10	4	2	3	1	3	1	1	3	0	0	0	1	0	0	29
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	23	6	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Patents By Year of Application:	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	13	0	0	2	5	2	0	1	0	0	1	0	0	3	2	29
Patents By Year of Application:	13	2	7	3	1	2	0	0	0	0	0	0	1	0	0	29
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	27	0	1	0	0	0	0	0	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
Patents By Year of Grant:	4	0	1	2	10	3	3	1	1	1	0	1	1	0	0	28
Patents By Year of Application:	8	4	13	0	1	1	1	0	0	0	0	0	0	0	0	28
NOKIA CORPORATION	J	-		·	_	-	_	·	·	·	·	·	·	·	·	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	2	1	3	4	7	10	28
Patents By Year of Application:	2	1	1	2	2	0	3	3	1	3	2	1	1	6	0	28
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	14	1	3	1	0	0	0	1	0	0	1	3	1	2	0	27
Patents By Year of Application:	20	0	0	1	0	1	0	1	0	2	1	1	0	0	0	27
Intellectual Ventures I LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	3	15	8	26
Patents By Year of Application:	2	1	3	0	0	0	2	4	1	2	7	1	2	1	0	26
OLYMPUS OPTICAL CO., LTD.																

Patents By Year of Grant:

Patents By Year of Application:

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2013)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	cents
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
UNIVERSITY OF CALIFORNIA, THE REGENTS	OF															
Patents By Year of Grant:	7	0	0	1	1	0	0	1	1	3	3	3	4	2	0	26
Patents By Year of Application:	8	0	3	0	1	1	0	8	0	1	2	1	1	0	0	26
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	1	0	0	1	1	0	0	0	1	3	5	5	3	2	3	25
Patents By Year of Application:	3	1	3	0	1	1	4	1	3	4	2	1	1	0	0	25
YAMAHA CORPORATION																
Patents By Year of Grant:	7	1	4	2	2	2	0	0	1	2	0	2	0	1	1	25
Patents By Year of Application:	16	4	2	0	0	1	0	0	0	0	0	1	1	0	0	25
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	9	0	0	0	0	0	1	2	0	1	2	1	3	5	0	24
Patents By Year of Application:	11	0	1	1	0	1	1	3	5	0	0	0	1	0	0	24
INTERSIL AMERICAS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	2	0	0	1	1	1	9	6	4	24
Patents By Year of Application:	0	0	0	1	1	0	2	2	1	5	3	5	3	1	0	24
STMICROELECTRONICS S.R.L.			_	_	_	_										
Patents By Year of Grant:	2	1	5	2	3	3	0	0	0	1	0	3	1	1	2	24
Patents By Year of Application:	14	1	1	1	4	0	0	0	0	0	0	2	0	1	0	24
GODNING TWOOD DODAWED																
CORNING INCORPORATED	7	1	•	2	2	1	1	2	1	1	0	2	0	1	2	23
Patents By Year of Grant:		1	0 2	2	1	0	0	1	2	0	1	1	0	0	0	23
Patents By Year of Application:	12	1	2	2		U	U	1	2	U	1	1	U	U	U	23
MOTOROLA, INC.																
Patents By Year of Grant:	20	2	0	1	0	0	0	0	0	0	0	0	0	0	0	23
Patents By Year of Application:	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
racenes by rear or approaches.		•		•		•	•	•		•		•	•	•		
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	16	1	0	3	0	0	0	0	1	1	0	0	0	0	0	22
Patents By Year of Application:	19	0	1	0	1	0	1	0	0	0	0	0	0	0	0	22
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	13	0	1	1	1	0	0	0	0	0	0	1	2	3	0	22
Patents By Year of Application:	13	3	0	0	0	0	0	0	1	0	1	2	1	1	0	22
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	17	1	0	0	1	0	0	0	1	0	0	0	0	1	1	22
Patents By Year of Application:	19	0	1	0	0	1	0	0	0	0	0	0	1	0	0	22

REISSUE PATENTS REPORT

REISSUE PATENTS REPORT														rage	в - 6
Organizational Patentin	ıg		(Gran	ted: Jan	01, 1977	- Dec 31	, 2013)	R	anked Li	st of Or	ganizatio	ons with	5 or 1	More Pat	cents
	Pre														
	2000	2000 20	001 2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
ALLIED-SIGNAL INC.															
Patents By Year of Grant:	19	0	0 1	. 0	0	0	0	0	1	0	0	0	0	0	21
Patents By Year of Application:	19	1	0 0	1	0	0	0	0	0	0	0	0	0	0	21
HONDA GIKEN KOGYO KABUSHIKI KAISHA	(HONDA MOTOR	R CO., LTD.	.)												
Patents By Year of Grant:	13	0	0 1	. 0	0	1	1	0	2	0	0	1	1	1	21
Patents By Year of Application:	14	0	2 0	2	2	0	0	0	0	0	1	0	0	0	21
PAPST LICENSING GMBH & CO. KG															
Patents By Year of Grant:	6	1	3 3	3	3	1	1	0	0	0	0	0	0	0	21
Patents By Year of Application:	21	0	0 0		0	0	0	0	0	0	0	0	0	0	21
-	21	Ü	0 0	· ·	Ū	Ů	Ū	Ū	v	Ū	v	Ū	v	Ū	21
PROCTER + GAMBLE COMPANY		•			•	•	•			_	_	•		•	0.1
Patents By Year of Grant:	11	2	0 0	_	0	0	0	1	1 2	1 0	1	2	1 0	0	21
Patents By Year of Application:	14	1	1 0	0	2	0	U	U	2	U	U	1	U	0	21
KONINKLIJKE PHILIPS ELECTRONICS N.V	7.														
Patents By Year of Grant:	0	0	0 2	1	2	2	0	0	0	0	1	3	4	5	20
Patents By Year of Application:	1	3	1 3	2	2	2	0	2	1	1	1	0	1	0	20
LUCENT TECHNOLOGIES INC.															
Patents By Year of Grant:	3	5	4 3	0	1	1	1	0	1	0	1	0	0	0	20
Patents By Year of Application:	14	1	1 2	0	1	1	0	0	0	0	0	0	0	0	20
MINOLTA CAMERA CO., LTD.															
Patents By Year of Grant:	18	0	0 0	1	0	0	0	0	1	0	0	0	0	0	20
Patents By Year of Application:	20	0	0 0	0	0	0	0	0	0	0	0	0	0	0	20
SANDVIK INTELLECTUAL PROPERTY AB															
Patents By Year of Grant:	0	0	0 0	0	0	0	0	5	7	4	4	0	0	0	20
Patents By Year of Application:	4	0	0 0	0	0	0	15	1	0	0	0	0	0	0	20
STMICROELECTRONICS, INC.															
Patents By Year of Grant:	2	1	1 3	2	0	1	0	2	2	0	4	1	0	1	20
Patents By Year of Application:	6	8	3 1	. 0	0	1	0	0	0	0	0	1	0	0	20
YAMAHA HATSUDOKI KABUSHIKI KAISHA,	уамана мотог	R CO., LTD													
Patents By Year of Grant:	14	0	2 1	. 0	0	0	0	0	1	0	0	1	1	0	20
Patents By Year of Application:	17	0	0 0	0	1	0	0	0	1	0	1	0	0	0	20
BRISTOL-MYERS SQUIBB COMPANY															
	-	•			•	•	•	_	_	•		•	•		

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Patents By Year of Grant:

Patents By Year of Application:

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Organizational Patenting				(Grante	ed: Jan U	1, 1977	- Dec 31	, 2013)	F	Ranked Li	st of Or	ganızatı	ons with	5 or	More Pat	tents
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	14	0	3	2	0	0	0	0	0	0	0	0	0	0	0	19
Patents By Year of Application:	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
WODEL OIL GODD																
MOBIL OIL CORP.		_			•	•	•			•	•		•			
Patents By Year of Grant:	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Patents By Year of Application:	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
DUTTI THE DEMPOTERN COMPANY																
PHILLIPS PETROLEUM COMPANY	17	0	0	2	0	0	0	0	0	0	0	0	0	0	0	19
Patents By Year of Grant:		0	0	0	0	0	0	0	0	0	0	0	0	0	0	19 19
Patents By Year of Application:	19	U	U	U	U	U	U	U	U	U	U	U	U	U	U	19
SEMICONDUCTOR ENERGY LABORATORY CO.,	ד.ייים															
Patents By Year of Grant:	лт <i>D</i> .	0	1	0	2	0	1	1	0	0	0	2	3	4	1	19
-	8	0	2	0	1	2	0	1	0	0	4	0	0	1	0	19
Patents By Year of Application:	Ö	J	2	U		2	U	1	U	J	4	U	U	1	J	13
SGS-THOMSON MICROELECTRONICS S.R.L.																
Patents By Year of Grant:	17	2	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Patents By Year of Application:	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
ratents by rear or apprication.	19		U	U U				· ·	· ·	· ·	· ·		U		· ·	19
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	6	0	0	0	1	0	0	1	0	0	1	2	2	4	1	18
Patents By Year of Application:	7	1	0	1	0	0	1	1	3	0	0	3	1	0	0	18
ratenes by rear or apprication.			, ,		Ū	Ū	_		,			,		Ū	•	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
reaction by rear or impricacion.	-5	J	J	J		J		J	J	J	<u> </u>	,	<u> </u>		J	
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	16	0	0	1	0	0	0	0	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
	_,										•					
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	4	1	1	0	1	1	1	0	0	2	1	0	2	2	1	17
Patents By Year of Application:	7	0	1	1	0	3	0	0	0	1	0	2	2	0	0	17
		-		_		-	-	-	-	_		_	_	-	-	
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	15	0	1	0	0	0	0	0	0	0	0	0	0	1	0	17
Patents By Year of Application:	16	0	0	0	1	0	0	0	0	0	0	0	0	0	0	17
			-									-		-		
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	0	0	0	1	0	3	0	2	0	2	1	4	4	0	0	17
Patents By Year of Application:	1	1	6	0	1	1	2	1	3	0	1	0	0	0	0	17
• • • • • • • • • • • • • • • • • • • •																

REISSUE PATENTS REPORT															Page	В - 8
Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2013)	F	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	tents
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
HEWLETT-PACKARD DEVELOPMENT COMPANY,	L.P.															
Patents By Year of Grant:	0	0	0	0	0	0	0	2	1	2	3	1	4	4	0	17
Patents By Year of Application:	0	1	5	2	0	2	1	3	0	1	0	2	0	0	0	17
HONEYWELL INC.																
Patents By Year of Grant:	14	3	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
IMPERIAL CHEMICAL INDUSTRIES PLC																
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
SEAGATE TECHNOLOGY, LLC												_		_		
Patents By Year of Grant:	4	2	0	0	2	0	0	0	0	1	0	0	3	3	2	17
Patents By Year of Application:	7	0	1	0	2	0	0	0	0	0	1	4	2	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
VICTOR COMPANY OF JAPAN, LIMITED	_													_		
Patents By Year of Grant:	9	3	0	1	1	0	0	0	0	0	0	1	2	0	0	17
Patents By Year of Application: AMP INCORPORATED	12	2	0	0	0	0	0	2	1	0	0	0	0	0	0	17
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
BLACK & DECKER INC.																
Patents By Year of Grant:	2	0	2	1	0	0	0	1	0	2	1	1	1	2	3	16
Patents By Year of Application:	5	0	0	1	1	0	3	0	0	1	1	1	1	2	0	16
DOW CORNING CORPORATION																
Patents By Year of Grant:	14	1	0	0	1	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	16
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	12	0	1	0	2	0	0	1	0	0	0	0	0	0	0	16
Patents By Year of Application:	13	2	0	1	0	0	0	0	0	0	0	0	0	0	0	16
MEDTRONIC INC.																

Patents By Year of Grant:

Patents By Year of Application:

Out of the Principle				(0	1 7 0	1 1077	5 21	00101	_							
Organizational Patenting				(Grante	ed: Jan U	1, 1977	- Dec 31	, 2013)	F	Ranked Li	st of Or	ganızatı	ons with	5 or	More Pat	tents
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
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
DODEDE DOGGE GERE																
ROBERT BOSCH GMBH			•		_				•		•		•	•		
Patents By Year of Grant:	14	0	0	0 1	1 0	0	0	0	0	1 0	0	0	0	0	0	16
Patents By Year of Application:	14	1	U	1	U	0	0	0	U	U	0	0	U	0	0	16
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	11	0	0	0	1	1	0	0	1	1	0	0	0	1	0	16
Patents By Year of Application:	12	1	1	1	0	1	0	0	0	0	0	0	0	0	0	16
racents by rear or Apprication:	12	1		1	U	1	U	J	U	U	U	U	U	U	U	10
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	1	2	1	0	0	0	0	1	1	4	1	1	3	1	0	16
Patents By Year of Application:	9	1	0	0	2	0	0	1	1	0	0	1	1	0	0	16
							-				•					
WESTINGHOUSE ELECTRIC CORP.																
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
ALTERA CORPORATION																
Patents By Year of Grant:	1	0	1	0	0	2	0	0	0	3	3	4	1	0	0	15
Patents By Year of Application:	3	0	2	0	1	5	0	1	0	1	2	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	1	0	15
Patents By Year of Application:	14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	15
DENSO CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	1	2	1	3	4	2	1	15
Patents By Year of Application:	1	0	0	5	0	1	1	1	2	0	2	1	1	0	0	15
GENERAL MOTORS CORPORATION	1.4	•	_	•	•	•	•	•	•	•	•	•	•	•	•	1.5
Patents By Year of Grant:	14	0	1	0	0	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	15
INFINEON TECHNOLOGIES AG																
	0	0	0	1	2	0	0	2	1	3	0	4	1	1	0	15
Patents By Year of Grant:	0	0	4	1	4	2	0	0	1	0	1	4 1	1	0	0	15 15
Patents By Year of Application:	U	U	4	1	4	2	U	J	1	U	1	1	1	U	U	13
MOLEX INCORPORATED																
Patents By Year of Grant:	10	0	1	0	0	0	1	0	0	0	0	1	0	2	0	15
Patents By Year of Application:	11	0	0	1	0	0	0	1	0	0	0	2	0	0	0	15
racente by rear or appricacion:	11	U	U	_	U	U	U	1	J	U	U		U	U	U	13

 Organizational Patenting	(Granted: Jan 01, 1977 - Dec 31, 2013)	Ranked List of Organizations with 5 or More Patents

### Part													-				
### STHEANO INC. Patents By Year of Grant:		Pre															
Patents By Year of Application: 0		2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
Patents By Year of Application: 0	SHIMANO INC																
Patents By Year of Application: 3 0 0 0 2 1 0 5 1 1 0 0 2 0 0 0 0 0 0 0 15 ONITED STATES OF AMERICA, NAVY Patents By Year of Application: 6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	1	1	0	1	0	0	2	3	0	1	2	2	2	0	15
UNITED STATES OF AMERICA, NAVY Patents By Year of Grant:	-				-												
Patente By Vear of Grant:				-	_	_		_	_	-	_	·	·	•		•	
Patents By Year of Application: 6 1 0 0 0 0 3 0 1 3 0 0 0 0 0 1 0 0 0 1 1 0 0 15 ***********************************	•		•		^	•	•	^	•	•	^		^	•		•	1.5
ABSOUT LANGMATCRIES Patente By Year of Grant: 7 1 0 0 0 0 0 0 0 0 2 2 2 0 0 1 0 0 0 0 1 14 Patente By Year of Application: 8 0 0 0 1 1 3 3 0 0 0 1 0 0 0 0 0 0 0 1 14 ANNL METHERLANDS B. V. Patente By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 2 1 2 0 0 1 0 0 1 1 0 0 1 1 1 1	-	-			•	•		•									
Patents By Year of Cannt: 7 1 0 0 0 0 0 0 0 2 2 0 0 0 1 0 0 0 1 14 RATHER SPACE OF CANNEY OF CA	Patents by rear or Application:	6	1	U	U	U	3	U	1	3	U	U	U	1	U	U	15
Patents By Year of Application: 8 0 0 1 1 1 3 0 0 0 1 0 0 0 0 0 0 0 1 4	ABBOTT LABORATORIES																
ASML NETHERLANDS B.V. Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Grant:	7	1	0	0	0	0	0	2	2	0	0	1	0	0	1	14
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	8	0	0	1	1	3	0	0	0	1	0	0	0	0	0	14
Patents By Year of Application: 1	ASML NETHERLANDS B.V.																
HEWLETT-PACKARD COMPANY Patents By Year of Grant: 8 1 0 3 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 14 Patents By Year of Application: 11 1 0 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 14 Patents By Year of Application: 11 1 0 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 14 HOFFMANN-LA ROCHE INC. Fatents By Year of Grant: 10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 14 Patents By Year of Application: 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 0 14 MONSANTO COMPANY, INC. Patents By Year of Grant: 12 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	2	4	3	2	14
Patents By Year of Grant: 8 1 0 3 0 0 0 0 1 0 0 1 0 0 0 1 0 0 14 Patents By Year of Application: 11 1 0 0 0 0 0 0 1 1 0 0 0 0 0 14 HOFFMANN-LA ROCHE INC. Patents By Year of Grant: 10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 14 Patents By Year of Application: 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 14 MONSANTO COMPANY, INC. Patents By Year of Grant: 12 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	1	0	0	1	0	2	1	3	0	3	1	0	1	1	0	14
Patents By Year of Application: 11 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 1 4 HOFFMANN-LA ROCHE INC. Patents By Year of Grant: 10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 1	HEWLETT-PACKARD COMPANY																
HOFFMANN-LA ROCHE INC. Patents By Year of Grant: 10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 14 Patents By Year of Application: 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 14 MONSANTO COMPANY, INC. Patents By Year of Grant: 12 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Grant:	8	1	0	3	0	0	0	0	1	0	0	0	1	0	0	14
Patents By Year of Grant: 10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 14 Patents By Year of Application: 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 14 MONSANTO COMPANY, INC. Patents By Year of Grant: 12 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	11	1	0	0	0	0	1	1	0	0	0	0	0	0	0	14
Patents By Year of Application: 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 0 14 MONSANTO COMPANY, INC. Patents By Year of Grant: 12 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HOFFMANN-LA ROCHE INC.																
MONSANTO COMPANY, INC. Patents By Year of Grant: 12 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 Patents By Year of Application: 13 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Grant:	10	1	0	0	0	0	0	0	0	0	0	0	0	1	2	14
Patents By Year of Grant: 12 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	1	2	0	14
Patents By Year of Grant: 12 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MONSANTO COMPANY, INC.																
Patents By Year of Application: 13 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		12	1	0	1	0	0	0	0	0	0	0	0	0	0	0	14
Patents By Year of Grant: 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Patents By Year of Grant: 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OUTBOARD MARINE CORPORATION																
Patents By Year of Application: 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Patents By Year of Grant: 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		14		0	0	0	0	0	0	0	0	0	0	0	0	0	
Patents By Year of Application: 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ROCKWELL INTERNATIONAL CORPORATION																
SUN MICROSYSTEMS, INC. Patents By Year of Grant: 1 1 0 0 4 2 0 2 1 0 2 1 0 0 0 14 Patents By Year of Application: 5 2 4 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. Patents By Year of Grant: 0 0 0 0 0 0 1 1 1 1 1 2 0 3 4 1 1 1 14	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 Grant: 1 1 0 0 4 2 0 2 1 0 2 1 0 0 0 14 Patents By Year of Application: 5 2 4 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 14 TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. Patents By Year of Grant: 0 0 0 0 0 0 1 1 1 1 2 0 3 4 1 1 1 14	Patents By Year of Application:	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Patents By Year of Grant: 1 1 0 0 4 2 0 2 1 0 2 1 0 0 0 14 Patents By Year of Application: 5 2 4 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 14 TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. Patents By Year of Grant: 0 0 0 0 0 0 1 1 1 1 2 0 3 4 1 1 1 14	SUN MICROSYSTEMS, INC.																
Patents By Year of Application: 5 2 4 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 14 TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. Patents By Year of Grant: 0 0 0 0 0 0 1 1 1 2 0 3 4 1 1 1 14		1	1	0	0	4	2	0	2	1	0	2	1	0	0	0	14
Patents By Year of Grant: 0 0 0 0 0 0 1 1 1 2 0 3 4 1 1 14	-	5	2	4	1	1	1	0	0	0	0	0	0	0	0	0	14
Patents By Year of Grant: 0 0 0 0 0 0 1 1 1 2 0 3 4 1 1 14	TAIWAN SEMICONDUCTOR MANUFACTURING CO	O., LTD															
•			0	0	0	0	0	1	1	1	2	0	3	4	1	1	14
	-	0	0	0	2	3	0	2	1	2	0	2	1	1	0	0	14

Organizational Patenting				(Cranto	d. Tan O	1 1077	- Dog 31	2013)	E	ankod Ti	at of Or	anni mati	ona with	5 or 1	Moro Dat	cents
Organizational Patenting				(Grante	a: Jan U	1, 1977	- Dec 31	, 2013)	F	kanked Li	st of Or	ganizati	ons with	5 OF 1	More Pat	tents
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
CARRIER CORPORATION																
Patents By Year of Grant:	7	1	0	1	0	0	0	1	1	1	0	0	1	0	0	13
Patents By Year of Application:	9	0	1	1	1	0	0	1	0	0	0	0	0	0	0	13
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	13	0	0	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
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	5	1	3	2	1	0	13
Patents By Year of Application:	0	0	2	0	0	3	1	3	3	0	1	0	0	0	0	13
KONICA CORPORATION																
Patents By Year of Grant:	8	1	0	1	0	0	0	1	0	1	0	0	0	0	1	13
Patents By Year of Application:	10	0	0	1	1	0	0	0	0	1	0	0	0	0	0	13
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	1	3	0	1	0	1	0	0	1	2	3	1	0	13
Patents By Year of Application:	0	3	3	0	1	0	2	0	2	0	0	2	0	0	0	13
Renesas Electronics Corp.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	1	4	4	13
Patents By Year of Application:	0	1	1	1	0	0	3	0	0	1	0	5	0	1	0	13
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	2	4	5	1	13
Patents By Year of Application:	1	0	0	0	0	1	0	1	0	0	0	9	1	0	0	13
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	4	0	0	2	0	0	1	1	1	1	0	1	2	0	0	13
Patents By Year of Application:	6	2	0	2	0	1	1	0	0	1	0	0	0	0	0	13
SGS-THOMSON MICROELECTRONICS S.A.																
Patents By Year of Grant:	11	2	0	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
SHELL OIL COMPANY			_	_	_	_	_	_	_	_	_	_	_	_	_	
Patents By Year of Grant:	10	1	0	0	0	0	0	0	0	0	1	0	0	0	1	13
Patents By Year of Application:	11	0	0	1	0	0	0	0	1	0	0	0	0	0	0	13
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL	•	_	ē	_	_	_		_							_	
Patents By Year of Grant:	3	0	2	3	0	0	0	0	0	1	3	0	0	0	1	13
Patents By Year of Application:	9	0	0	1	0	1	1	0	0	0	0	1	0	0	0	13

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2013)	I	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	2	1	3	1	1	1	0	0	0	0	0	3	0	0	0	12
Patents By Year of Application:	6	2	1	0	0	0	0	0	1	2	0	0	0	0	0	12
ratents by rear or application.	· ·	_	_	v	Ū	Ū	·	Ū	_	_	Ū	Ū	v	Ū	v	12
DANA CORPORATION																
Patents By Year of Grant:	11	0	0	0	0	0	0	1	0	0	0	0	0	0	0	12
Patents By Year of Application:	11	0	0	0	1	0	0	0	0	0	0	0	0	0	0	12
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	2	0	1	3	2	3	12
Patents By Year of Application:	1	0	1	1	0	1	0	0	1	2	0	1	0	4	0	12
RAMBUS, INC.																
Patents By Year of Grant:	1	1	2	0	0	1	0	1	1	0	0	0	3	1	1	12
Patents By Year of Application:	2	4	1	0	0	0	1	1	0	0	1	2	0	0	0	12
THOMSON LICENSING S.A. Patents By Year of Grant:	•	0	0	^	•	•	^	•	•	1		2	2	•		12
Patents By Year of Application:	0	1	0	0	0	0	0	0	2	1	1	0	2	0	4 1	12
racents by rear or Application:	1	1	U	3	1	2	2	U	U	U	1	U	U	U	1	12
AVERY DENNISON CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	3	2	4	0	11
Patents By Year of Application:	0	0	0	1	0	0	0	2	2	0	0	0	6	0	0	11
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	3	0	0	0	0	1	0	0	1	0	1	3	1	0	1	11
Patents By Year of Application:	3	0	1	2	1	0	1	3	0	0	0	0	0	0	0	11
HOECHST AKTIENGESELLSCHAFT																
Patents By Year of Grant:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11

Patents By Year of Application:

INTERNATIONAL GAME TECHNOLOGY (IGT)
Patents By Year of Grant:

Patents By Year of Grant:

PIONEER ELECTRONIC CORPORATION
Patents By Year of Grant:

OLIN CORPORATION

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31,	2013)	F	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SONY DEUTSCHLAND GMBH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	0	2	5	2	11
Patents By Year of Application:	0	0	0	0	0	0	4	2	0	0	2	1	1	1	0	11
UNITED STATES OF AMERICA, DEPARTMENT	OF HEALT	H & HUMA	N SERVIC	ES												
Patents By Year of Grant:	2	1	1	0	0	1	1	0	1	0	2	1	0	0	1	11
Patents By Year of Application:	6	2	0	1	1	0	0	1	0	0	0	0	0	0	0	11
UPJOHN COMPANY			•	•			•		•		•					
Patents By Year of Grant:	11 11	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	11 11
Patents By Year of Application:	11	U	U	U	U	U	U	U	U	U	U	U	U	U	U	11
AMOCO 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
ANALOG DEVICES, INC.																
Patents By Year of Grant:	5	1	0	1	1	0	0	0	0	1	1	0	0	0	0	10
Patents By Year of Application:	8	0	0	0	1	0	0	1	0	0	0	0	0	0	0	10
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	8	0	0	0	2	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	8	0	1	1	0	0	0	0	0	0	0	0	0	0	0	10
AVENTIS PHARMA SA					_											
Patents By Year of Grant:	0	0	1	3	0	3	1	0	1	0	1	0	0	0	0	10
Patents By Year of Application:	0	5	3	1	1	0	0	0	0	0	0	0	0	0	0	10
BETHLEHEM STEEL 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
ratents by rear or apprication.	10	•	<u> </u>		•	•	<u> </u>	•	· ·	•		•	•	•	, ,	10
BOEING COMPANY																
Patents By Year of Grant:	6	2	0	0	0	0	0	0	0	0	0	1	0	0	1	10
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	10
EBARA CORPORATION																
Patents By Year of Grant:	0	0	2	0	2	0	3	2	1	0	0	0	0	0	0	10
Patents By Year of Application:	4	2	1	2	0	1	0	0	0	0	0	0	0	0	0	10
HONEYWELL INTERNATIONAL INC.	_	_			_	_	_		_	_	_	_	_	_		
Patents By Year of Grant:	0	0	1	1	0	0	0	1	0	1	0	3	2	0	1	10
Patents By Year of Application:	1	1	1	0	0	0	0	1	1	2	1	2	0	0	0	10

REISSUE PATENTS REPORT

REISSUE PATENTS REPORT															Page	B - 14	
Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2013)	R	anked Lis	st of Ore	ganizati	ons with	5 or 1	More Pat	cents	
	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
INTERNATIONAL PAPER CO.																	
Patents By Year of Grant:	8	0	0	2	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	
MERCK + CO., INC.																	
Patents By Year of Grant:	5	2	0	0	0	0	0	2	0	0	1	0	0	0	0	10	
Patents By Year of Application:	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	10	
MICROSOFT CORPORATION																	
Patents By Year of Grant:	1	0	0	0	3	0	1	2	1	0	1	0	0	1	0	10	
Patents By Year of Application:	4	1	2	0	1	1	0	0	0	0	0	0	1	0	0	10	
MOSAID TECHNOLOGIES INC.		•					•		•			_		_	•		
Patents By Year of Grant:	0	0	1	1	0	0	0	0	0	3	0 1	1 2	1	1 0	2	10 10	
Patents By Year of Application: NATIONAL RESEARCH DEVELOPMENT CORPORA		1	1	1	U	U	Ū	Ü	1	Ü	1	2	1	O	O	10	
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	
NIPPON STEEL CORP.																	
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	1	1	0	2	0	0	10	
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
OLYMPUS CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	2	1	4	2	0	0	10	
Patents By Year of Application:	0	0	1	2	1	2	0	1	2	0	1	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	
PFIZER INC.																	
Patents By Year of Grant:	3	0	0	0	0	1	0	2	1	0	2	1	0	0	0	10	
Patents By Year of Application:	3	0	0	1	1	1	1	0	1	1	1	0	0	0	0	10	
RENESAS TECHNOLOGY CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	1	0	0	4	1	0	4	0	0	0	10	
Patents By Year of Application:	0	3	2	2	0	0	2	1	0	0	0	0	0	0	0	10	

RESEARCH IN MOTION LIMITED

Patents By Year of Grant:

Patents By Year of Application:

Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) Ranked List of Orga	anizations w	with 5	5 or Mo	ore Patents	
Pre 2000 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	2010 201	011 2	2012	2013 TOT	'AL
STANFORD UNIVERSITY					
Patents By Year of Grant: 5 0 1 0 1 1 0 0 0 1 0	0	0	1	0	10
Patents By Year of Application: 6 0 0 3 0 0 0 0 1 0	0	0	0	0	10
SUMITOMO ELECTRIC INDUSTRIES, LTD.					
Patents By Year of Grant: 2 0 0 1 1 0 1 0 1	1	1	0	1	10
Patents By Year of Application: 3 1 1 1 1 0 2 0 0 1 0	0	0	0		10
Patents by rear of Application: 5 1 1 1 1 0 2 0 0 1 0	U	U	U	0	10
THE AEROSPACE CORPORATION					
Patents By Year of Grant: 0 0 0 0 0 0 0 0 1 0 2	2	2	3	0	10
Patents By Year of Application: 0 0 0 0 0 1 1 5 2 0	1	0	0	0	10
THOMAS + BETTS CORPORATION					
Patents By Year of Grant: 9 0 0 0 1 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	10
TRW INC.					
Patents By Year of Grant: 9 0 0 0 0 0 1 0 0 0	0	0	0	0	10
•	0	0	0		10
Patents By Year of Application: 10 0 0 0 0 0 0 0 0 0	U	U	U	U	10
WARNER-LAMBERT COMPANY					
Patents By Year of Grant: 7 0 0 0 0 0 0 0 1 0 1	1	0	0	0	10
Patents By Year of Application: 8 0 0 0 0 0 1 0 1 0 0	0	0	0		10
•					
BECTON, DICKINSON AND COMPANY					
Patents By Year of Grant: 3 0 0 0 0 1 0 2 1 1 0	0	0	1	0	9
Patents By Year of Application: 7 0 0 0 0 1 0 0 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	9
BRITISH TELECOMMUNICATION, PLC					
Patents By Year of Grant: 6 0 0 2 0 0 0 1 0 0	0	0	0	0	9
Patents By Year of Application: 7 0 2 0 0 0 0 0 0 0	0	0	0	0	9
	-	-	-	-	-
CHEVRON RESEARCH & TECHNOLOGY CO.			0	0	9
CHEVRON RESEARCH & TECHNOLOGY CO. Patents By Year of Grant: 9 0 0 0 0 0 0 0 0 0 0 0	0	0	U	U	
	0 0	0 0	0	0	9
Patents By Year of Grant: 9 0 0 0 0 0 0 0 0 0 0 0 0 0 Patents By Year of Application: 9 0 0 0 0 0 0 0 0 0 0 0 0		-			9
Patents By Year of Grant: 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0	0	0	
Patents By Year of Grant: 9 0 0 0 0 0 0 0 0 0 0 0 0 0 Patents By Year of Application: 9 0 0 0 0 0 0 0 0 0 0 0 0	0	-			9 9 9

 Organizational Patenting	(Granted: Jan 01, 1977 - Dec 31, 2	2013)	Ranked List of Organizations with 5 or More Patents	
 Organizational Patenting	(Granted: Jan VI, 1977 - Dec 31, 2	2013)	Ranked List of Organizations with 5 or More Patents -	_

				,		_,		,,	_			,					
	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	

HITACHI METALS LTD. Patents By Year of Grant:	4	0	0	1	2	0	0	0	0	2	0	0	0	0	0	9	
Patents By Year of Application:	5	0	2	0	1	1	0	0	0	0	0	0	0	0	0	9	
racence by rear or apprication.	3	v	_	Ū	-	-	Ū	Ū	Ū	Ū	Ū	Ū	v	Ū	J	,	
HUSKY INJECTION MOLDING SYSTEMS LIMIT	ľED																
Patents By Year of Grant:	3	0	0	1	0	1	0	2	0	0	0	0	1	1	0	9	
Patents By Year of Application:	3	1	1	0	2	0	0	0	0	1	0	0	1	0	0	9	
INTERNATIONAL RECTIFIER CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	5	1	0	0	9	
Patents By Year of Application:	0	0	0	0	1	1	3	1	1	0	2	0	0	0	0	9	
JOHNS HOPKINS UNIVERSITY		2	•	0		^		•	^			0	^			•	
Patents By Year of Grant: Patents By Year of Application:	1	1	0	0	1	0	1	0	0	1	1	0	0	1	1	9	
ratents by rear of Application:	4	1	1	U		U	U	U	U	_	U	U		U	U	9	
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBI	STEEL.	T.TD.)															
Patents By Year of Grant:	4	0	0	1	1	0	0	1	0	0	0	1	0	0	1	9	
Patents By Year of Application:	4	1	0	3	0	0	0	0	0	0	0	0	0	1	0	9	
• ••																	
NORDSON CORPORATION																	
Patents By Year of Grant:	6	0	0	0	0	1	0	1	0	0	0	0	1	0	0	9	
Patents By Year of Application:	6	0	1	0	1	0	0	0	1	0	0	0	0	0	0	9	
PIONEER CORPORATION																	
Patents By Year of Grant:	0	0	0	0	1	1	0	1	1	1	0	0	3	1	0	9	
Patents By Year of Application:	1	0	1	0	0	0	3	1	1	1	1	0	0	0	0	9	
PITNEY-BOWES, INC.																	
Patents By Year of Grant:	7	0	0	0	0	0	0	0	1	1	0	0	0	0	0	9	
Patents By Year of Application:	7	0	0	1	0	1	0	0	0	0	0	0	0	0	0	9	
1400H05 27 1041 01 HPF1104010H.	•	•	·	-	·	-	•	·	·	·	·	·	·	·	·	•	
ROHM AND HAAS COMPANY																	
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	
SECRETARY OF STATE FOR DEFENCE IN HER	R BRITANN	IC MAJES	STY'S GOV	ERNMENT	OF THE U	NITED KI	NGDOM										
Patents By Year of Grant:	6	0	1	1	0	0	0	0	0	0	0	0	0	1	0	9	
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
STATS CHIPPAC LTD.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	
Patents By Year of Application:	U	U	Ü	Ü	U	0	U	U	U	U	U	U	U	4	5	9	

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	2013)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
	2000	2000	2001	2002	2003	2001	2003	2000	2007	2000	2003	2010	2011	2012	2013	1011111
TOSHIBA TEC KABUSHIKI KAISHA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	1	1	3	0	1	9
Patents By Year of Application:	0	0	0	0	2	2	0	0	2	1	0	2	0	0	0	9
TRANSPACIFIC SYSTEMS, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	7	2	0	9
Patents By Year of Application:	0	0	0	0	0	0	6	1	1	0	1	0	0	0	0	9
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	5	0	0	0	1	0	0	0	1	0	0	0	1	0	0	8
Patents By Year of Application:	5	0	0	1	1	0	0	0	0	0	1	0	0	0	0	8
			,	_	_						_					<u> </u>
AJINOMOTO COMPANY INCORPORATED																
Patents By Year of Grant:	2	0	1	0	1	0	2	0	0	0	0	1	1	0	0	8
Patents By Year of Application:	3	2	0	1	0	0	0	0	0	0	2	0	0	0	0	8
BP CHEMICALS LIMITED																
Patents By Year of Grant:	6	1	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
BRUNSWICK CORPORATION	_	•			•	•	•	_	•				•		•	•
Patents By Year of Grant:	7 7	0	0 0	0 0	0	0 1	0 0	1 0	0	0 0	0	0	0	0	0	8 8
Patents By Year of Application:	,	U	U	U	U	1	U	U	U	U	U	U	U	U	U	8
BTG INTERNATIONAL LIMITED																
Patents By Year of Grant:	2	0	0	2	0	1	1	1	0	0	1	0	0	0	0	8
Patents By Year of Application:	4	0	0	2	1	1	0	0	0	0	0	0	0	0	0	8
				-												-
CAPELLA PHOTONICS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	3	2	0	0	0	3	0	0	8
Patents By Year of Application:	0	0	0	0	0	5	0	0	0	0	0	3	0	0	0	8
FLEXIWORLD TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	5	2	1	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	7	0	1	0	0	0	8
T 11611 . G																
Fujifilm Corporation	0	0	•	•	0	0	•	0	0		0	2	0	3		0
Patents By Year of Application:	0	0	0 0	0 1	0	0 2	0 1	0 0	0 0	1 2	0 1	3 0	0	3 1	1 0	8 8
Patents By Year of Application:	J	U	U	1	U	2	1	U	U	2	1	U	U	1	J .	0
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
	-		*		-	-	-	-	-		-		-	-	-	-

 Organizational Patenting	(Granted: Jan 01	, 1977 - Dec 31	, 2013)	 Ranked List of Organizations with $\ 5\ $ or More Patents	

				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-,		,,	_			,					
	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
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	
HOYA CORPORATION																	
Patents By Year of Grant:	1	0	2	0	0	1	0	0	0	2	0	0	1	0	1	8	
Patents By Year of Application:	3	0	1	0	0	2	0	0	0	1	0	0	0	1	0	8	
IMMERSION CORPORATION	1	0	0	1	0	0	0	0	1	1	1	0	1	0	2	8	
Patents By Year of Grant: Patents By Year of Application:	4	0	1	0	0	1	0	0	1	0	0	0	0	1	0	8	
ratents by rear or apprication.	-	U	_	U	· ·	_	U	U	-	U	U	U	U	_	U	0	
KYOCERA CORPORATION																	
Patents By Year of Grant:	2	0	0	0	0	0	0	1	0	0	0	2	0	2	1	8	
Patents By Year of Application:	2	0	0	1	1	0	0	1	1	1	1	0	0	0	0	8	
MEAD CORPORATION																	
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	
Medtronic Navigation, Inc.	•	•	•			•		•	•	•		•	•		•	•	
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	2 1	0	2 1	2	2	8	
Patents by fear of Application:	2	1	U	1	U	U	U	2	U	U	1	U		U	U	0	
NCR CORPORATION																	
Patents By Year of Grant:	2	0	0	0	0	1	0	0	0	1	0	3	1	0	0	8	
Patents By Year of Application:	2	0	3	1	1	0	1	0	0	0	0	0	0	0	0	8	
NIPPONDENSO CO., LTD.																	
Patents By Year of Grant:	7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	8	
NORTEL NETWORKS LIMITED	0	•		•	^		•	•		•	•		^	•	^	0	
Patents By Year of Grant:	2	0	1	0	0	1	0	0	1	2	2	1	0	0	0	8	
Patents By Year of Application:	2	U	1	1	1	U	1	2	U	U	U	U	U	U	U	8	
PALM, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	1	2	2	0	0	8	
Patents By Year of Application:	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	8	
PAPST-MOTOREN KG																	
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	

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2013)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents
•																
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
QUALCOMM, INC.																
Patents By Year of Grant:	0	0	0	0	1	0	0	1	0	0	0	1	2	1	2	8
Patents By Year of Application:	1	0	1	2	0	0	0	1	1	0	1	0	1	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
ROCHE DIAGNOSTICS OPERATIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	1	3	1	2	8
Patents By Year of Application:	0	0	1	0	4	0	0	1	0	0	0	0	1	0	1	8
S. C. JOHNSON + SON, INC.																
Patents By Year of Grant:	3	0	0	0	1	0	0	0	1	0	2	0	1	0	0	8
Patents By Year of Application:	3	0	1	0	0	0	0	3	0	0	1	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
STMICROELECTRONICS S.A.																
Patents By Year of Grant:	0	1	1	0	1	2	1	0	0	0	0	1	1	0	0	8
Patents By Year of Application:	4	0	1	2	0	0	0	0	0	0	1	0	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
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
*1																
Alcatel Lucent	•	•	•	•	•	•	•	•	•	•	•	•	•	-	•	-
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	7
Patents By Year of Application:	0	0	0	0	0	1	1	1	0	1	2	0	1	0	0	7
CALLEDDATA TACMEMUMB OF MECHANICA																
CALIFORNIA INSTITUTE OF TECHNOLOGY		•	•		•		•	•	•	•	•	•	•			-
Patents By Year of Grant:	1	0	0	1 1	0	1 0	0	0 0	0	0 1	0 2	0 0	2 0	1	1 0	7 7
Patents By Year of Application:	2	U	U	1	1	U	U	U	U	1	2	U	U	U	U	/
CIMITANN MANGE CO. IMP																
CITIZEN WATCH CO., LTD.	_	^	^	^	^	4	0	^	^	^	^	^	0	^	^	7
Patents By Year of Grant:	6	0	0	0 1	0	1 0	0	0 0	0	0	0 0	0	0	0	0	7 7
Patents By Year of Application:	6	U	U	1	U	U	U	U	0	U	U	0	U	U	U	,

REISSUE PATENTS REPORT

 Organizational Patenting	(Granted: Jan 01, 1977 - Dec 31, 2013)	Ranked List of Organizations with 5 or More Patents

-												_				
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
DOLBY LABORATORIES LICENSING CORPORA	TION															
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	2	1	2	1	0	7
ENTEGRIS, INC.																
Patents By Year of Grant:	0	0	0	0	1	0	0	1	0	1	0	1	2	0	1	7
Patents By Year of Application:	2	0	1	1	2	0	0	0	0	0	0	0	1	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:	5	0	0	0	1	1	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
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	1	0	1	1	1	2	7
Patents By Year of Application:	1	1	0	0	0	1	0	0	1	1	0	0	1	1	0	7
G. D. SEARLE & CO.																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	0	1	2	1	7
Patents By Year of Application:	4	0	0	0	0	0	0	0	2	0	0	0	1	0	0	7
GENERAL HOSPITAL CORPORATION																
Patents By Year of Grant:	1	0	0	1	0	0	0	0	0	0	1	1	0	2	1	7
Patents By Year of Application:	2	0	0	0	1	1	0	0	0	2	0	1	0	0	0	7
GENERAL INSTRUMENT CORPORATION																
Patents By Year of Grant:	4	0	0	1	0	2	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
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
HUGHES AIRCRAFT 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	Г			(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2013)	R	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents	
	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
Hitachi Plasma Patent Licensing Co.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	3	0	3	1	7	
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	2	4	0	0	0	7	
IDEMITSU KOSAN COMPANY LIMITED																	
Patents By Year of Grant:	3	1	1	0	0	0	0	1	0	0	0	0	0	1	0	7	
Patents By Year of Application:	5	1	0	0	0	0	1	0	0	0	0	0	0	0	0	7	
L'AIR LIQUIDE, SOCIETE ANONYME A DIE	ECTOIRE E	T CONSEI	L DE SUE	RVEILLANC	CE POUR L	'ETUDE E	T L'EXPL	OITATION	DES PRO	CEDES GE	ORGES CL	AUDE					
Patents By Year of Grant:	4	1	1	0	1	0	0	0	0	0	0	0	0	0	0	7	
Patents By Year of Application:	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	7	
LOCKHEED MARTIN CORPORATION																	
Patents By Year of Grant:	1	0	1	0	0	1	0	0	1	1	0	2	0	0	0	7	
Patents By Year of Application:	2	1	2	0	0	0	1	0	0	1	0	0	0	0	0	7	
racenes by rear or apprication.		-	_		•	•	-	•		-			•	•	•	•	
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUN	IC DED WITE	CENCCUAE	TEN E 17														
Patents By Year of Grant:	G DER WIS	0	1 I I	0	1	0	0	1	0	0	0	0	0	0	0	7	
-	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7	
Patents By Year of Application:	5	2	U	U	U	U	U	U	U	U	U	U	U	U	U	,	
AND TAMES THE																	
MEDIATEK INC.	•	•	•							•	•					_	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	0	2	1	7	
Patents By Year of Application:	0	0	0	0	0	0	1	2	2	1	0	1	0	0	0	7	
MITSUI CHEMICALS, INCORPORATED																	
Patents By Year of Grant:	3	0	0	1	0	0	0	1	0	1	0	0	1	0	0	7	
Patents By Year of Application:	3	1	1	0	0	1	1	0	0	0	0	0	0	0	0	7	
MULTI-FORMAT, INC.																	
Patents By Year of Grant:	0	0	1	0	1	0	0	0	0	0	0	1	4	0	0	7	
Patents By Year of Application:	2	0	1	0	0	4	0	0	0	0	0	0	0	0	0	7	
NATIONAL SEMICONDUCTOR CORPORATION																	
Patents By Year of Grant:	1	0	0	0	0	0	1	0	2	0	1	0	0	0	2	7	
Patents By Year of Application:	2	0	1	1	0	0	1	0	0	0	0	0	2	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	
PENN STATE RESEARCH FOUNDATION, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	1	2	0	0	0	3	1	0	0	7	
Patents By Year of Application:	1	0	2	0	0	0	0	0	3	1	0	0	0	0	0	7	
received by rear or apprication.	_	J	-	J		<u> </u>		, ,	,	-					J	•	

REISSUE PATENTS REPORT

Organizational Patenting	(Granted: Jan 01, 1977 - Dec 31, 2013)	Ranked List of Organizations with 5 or More Patents

Pre	AL
SCHERING AKTIENGESELLSCHAFT Patents By Year of Grant: 0 0 1 2 1 0 0 2 0 1 0 0 0 Patents By Year of Application: 1 3 0 1 1 0 0 1 0	
Patents By Year of Grant: 0 0 1 2 1 0 0 0 2 0 1 0 0 0 0 Patents By Year of Application: 1 3 0 1 1 0 0 1 0 0 0 0 0 0 0	7
Patents By Year of Grant: 0 0 1 2 1 0 0 0 2 0 1 0 0 0 0 Patents By Year of Application: 1 3 0 1 1 0 0 1 0 0 0 0 0 0 0	7
Patents By Year of Application: 1 3 0 1 1 0 0 1 0 0 0 0 0 0 0	
	7
SMITHKLINE BEECHAM CORPORATION	
Patents By Year of Grant: 0 0 1 0 0 0 1 3 1 1 0 0 0 0	7
Patents By Year of Application: 2 0 0 1 0 2 1 0 1 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 0	7
Patents By Year of Application: 7 0 0 0 0 0 0 0 0 0 0 0 0	7
SUMITOMO CHEMICAL COMPANY, LIMITED	_
Patents By Year of Grant: 5 0 0 0 0 0 0 0 1 0 0 1 0 <td>7</td>	7
Patents By Year of Application: 5 0 0 0 1 0 0 0 0 0 0 0 1 0	,
TDK CORPORATION	
Patents By Year of Grant: 2 0 0 0 0 1 0 0 1 2 1 0 0 0	7
Patents By Year of Application: 4 0 0 0 0 0 0 3 0 0 0 0 0 0	7
TORAY INDUSTRIES INC.	_
Patents By Year of Grant: 5 0 0 0 0 1 0 1 0 0 0 0 Patents By Year of Application: 7 0	7
ratents by leaf of Application. / 0 0 0 0 0 0 0 0 0 0 0 0 0	,
TOYO BOSEKI KABUSHIKI KAISHA	
Patents By Year of Grant: 2 0 0 0 0 0 1 1 2 1 0 0 0 0 0	7
Patents By Year of Application: 4 0 1 0 0 2 0 0 0 0 0 0 0 0	7
Tian Holdings LLC	-
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 3 2 2 Patents By Year of Application: 0 0 0 0 0 0 0 1 4 2 0 0 0 0	7
ratents by leaf of Application.	,
Transpacific Optics LLC	
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 5 2 0	7
Patents By Year of Application: 0 0 0 0 0 1 4 2 0 0 0 0 0	7
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY	7
Patents By Year of Grant: 6 0<	7
	•
VERINT AMERICAS INC.	
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 1 2 0 4 0	7
	7

Organizational Patenting				(Granta	ad .Tan 0	1 1077	- Dec 31	20131	1	Danked 7:	et of o-	anizati	ons with	5 0~	More Pod	tents
Organizational Patenting				(Grante	eu: Jan U	11, 19//	- Dec 31	, 2013)		ranked L1	st of Or	yanızatl	ons with	5 OF .	more Pa	tents
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
WACOM CO., LTD.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	1	0	0	1	0	0	0	7
Patents By Year of Application:	6	0	0	0	0	0	0	0	1	0	0	0	0	0	0	7
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	4	0	1	0	0	0	0	0	0	0	0	2	0	0	0	7
Patents By Year of Application:	4	1	0	0	0	0	0	0	0	2	0	0	0	0	0	7
Warsaw Orthopedic, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	3	1	2	7
Patents By Year of Application:	0	0	2	0	0	0	1	0	0	3	0	0	1	0	0	7
658868 N.B. Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6
ACQIS TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	6
Patents By Year of Application:	0	0	0	0	0	1	1	2	0	0	2	0	0	0	0	6
ADVANCED CARDIOVASCULAR SYSTEMS, 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
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	1	0	1	1	1	0	0	2	0	0	0	0	0	0	0	6
Patents By Year of Application:	3	0	2	1	0	0	0	0	0	0	0	0	0	0	0	6
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	0	0	0	1	1	0	0	0	0	1	0	1	2	0	0	6
Patents By Year of Application:	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	6
AVENTIS PHARMACEUTICALS INC.																
Patents By Year of Grant:	0	0	2	1	1	0	0	2	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
B. F. GOODRICH CO.														_		_
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

REISSUE PATENTS REPORT															Page	B - 24	
Organizational Patenting				(Granted	d: Jan 0	1, 1977	- Dec 31,	2013)	I	Ranked Li	st of Or	ganizatio	ons with	5 or 1	More Pat	cents	
	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
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	
CHAMBERLAIN GROUP, INC.																	
Patents By Year of Grant:	1	1	0	1	1	0	0	0	0	1	0	1	0	0	0	6	
Patents By Year of Application:	2	3	0	0	0	0	0	1	0	0	0	0	0	0	0	6	
CPC INTERNATIONAL 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	
CREE, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	6	
Patents By Year of Application:	0	0	0	0	0	0	1	1	0	1	0	3	0	0	0	6	
CUMMINS ENGINE CO., INC.																	
Patents By Year of Grant:	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
DAEWOO ELECTRONICS COMPANY, LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	6	
Patents By Year of Application: DAICEL CHEMICAL INDUSTRIES LTD.	0	0	0	0	0	0	0	0	0	2	0	4	0	0	0	6	
Patents By Year of Grant:	3	0	0	0	0	2	0	0	1	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	
EMERSON ELECTRIC CO.	J	Ū	v	-	ŭ	· ·	v	ŭ	ŭ	Ü	v	v	Ü	ŭ	v	· ·	
Patents By Year of Grant:	4	1	0	0	0	0	0	0	0	0	0	0	0	1	0	6	
Patents By Year of Application:	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	6	
F. Poszat Hu, L.L.C.	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	6	
Patents By Year of Application:	0	0	2	2	0	0	0	0	1	1	0	0	0	0	0	6	
FORD MOTOR COMPANY																	
		_		_											_		

Patents By Year of Grant:
Patents By Year of Application:

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31,	2013)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	cents
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
Faust Communications, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	0	0	0	1	3	0	6
Patents By Year of Application:	0	0	0	0	0	0	4	1	0	0	0	1	0	0	0	6
GENERAL SIGNAL CORPORATION																
	_	0	0	0	•	•	0	0	0	•	0	0	0	0	0	6
Patents By Year of Grant:	6 6	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	6 6
Patents By Year of Application:	ь	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0
HAMAMATSU PHOTONICS KABUSHIKI KAISHA																
Patents By Year of Grant:	1	0	0	0	1	0	0	0	1	1	0	0	2	0	0	6
Patents By Year of Application:	1	0	1	1	1	1	0	0	1	0	0	0	0	0	0	6
		-	_	_	_	_		-	_	*	-	-	-	-	-	-
HARRIS CORP.																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	2	0	0	0	0	0	6
Patents By Year of Application:	4	0	0	0	1	0	1	0	0	0	0	0	0	0	0	6
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIE	N (HENKE	EL KGAA)														
Patents By Year of Grant:	3	1	0	0	0	0	0	1	0	1	0	0	0	0	0	6
Patents By Year of Application:	4	0	0	0	1	1	0	0	0	0	0	0	0	0	0	6
HERCULES INCORPORATED																_
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
HILL DOW CEDUTCES INC																
HILL-ROM SERVICES, INC. Patents By Year of Grant:	0	0	0	0	1	1	0	0	0	0	1	0	0	3	0	6
Patents By Year of Application:	0	2	0	1	0	0	0	1	0	0	2	0	0	0	0	6
ratents by rear of Application.	<u> </u>		· ·		•		<u> </u>		, ,				•	•	, ,	· ·
HITACHI CABLE, 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:	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6
HITACHI DISPLAYS, LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	1	0	1	6
Patents By Year of Application:	0	0	1	0	0	0	2	0	2	0	0	1	0	0	0	6
INDUSTRIAL TECHNOLOGY RESEARCH INSTITU	•															
Patents By Year of Grant:	2	0	0	0	0	0	1	0	0	0	0	0	2	0	1	6
Patents By Year of Application:	2	0	0	1	0	0	0	0	0	0	1	0	1	1	0	6
J. M. HUBER 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

Organizational Patenting (Granted: J	an 01, 1977 - Dec 31, 2013)	- Ranked List of Organizations with 5	or More Patents
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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
TOTAL VINETTE CORROLLETON																
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
ratents by rear or Application.	Ü	U	U	U	U	U	U	U	U	U	U	U	U	U	O	0
KENNAMETAL INC.																
Patents By Year of Grant:	4	0	1	0	1	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6
LAITRAM, L.L.C.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6
Patents By Year of Application:	5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	6
LINEAR TECHNOLOGY CORPORATION		•		•	•	•	•		•	•	_	•	•	•		
Patents By Year of Grant:	4 5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	6
Patents By Year of Application:	5	U	U	U	U	U	U	1	U	U	U	U	U	U	U	ь
LITTON SYSTEMS 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
MASIMO CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	2	0	0	0	0	0	2	0	2	0	6
Patents By Year of Application:	0	0	0	2	0	0	0	2	0	0	1	1	0	0	0	6
MERCK PATENT GESELLSCHAFT MIT BESCHR																
Patents By Year of Grant:	0	1	1	0	0	0	0	0	1	0	1	2	0	0	0	6
Patents By Year of Application:	4	0	1	0	0	0	0	0	0	0	1	0	0	0	0	6
MINCHIPICUI DAVON CO. IMD																
MITSUBISHI RAYON CO., LTD. Patents By Year of Grant:	4	0	0	0	1	0	0	0	0	0	0	0	1	0	0	6
Patents By Year of Application:	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6
ratemes by rear or approaction.	•	-	·	ŭ	v	Ů	Ū	Ů	Ū	·	Ū	ŭ	ŭ	ŭ	·	Ü
MLR, LLC																
Patents By Year of Grant:	0	0	0	0	1	1	1	1	0	1	0	0	1	0	0	6
Patents By Year of Application:	2	0	1	1	1	0	0	0	0	1	0	0	0	0	0	6
MONSANTO TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	1	0	0	1	2	1	0	0	0	1	0	0	6
Patents By Year of Application:	0	2	0	1	2	0	0	0	0	0	1	0	0	0	0	6
MOORE BUSINESS FORMS 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	Ü	0	0	U	0	0	0	0	0	0	0	0	6

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2013)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
	_															
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	2	0	1	0	0	0	0	0	0	2	0	0	0	0	1	6
Patents By Year of Application:	3	0	0	0	1	1	0	0	0	0	0	0	1	0	0	6
vovo vopptov 1/a																
NOVO NORDISK A/S	2	0	1	0	•	0	0	0	1	0	0	1	0	1	0	6
Patents By Year of Grant: Patents By Year of Application:	3	0	0	0	0 1	1	1	0	0	0	0	0	0	0	0	6
ratents by rear or apprication.	,	· ·			-		-		· ·	U	•	•	U U	U U	U	•
NSK LIMITED																
Patents By Year of Grant:	1	1	0	0	1	0	0	0	2	0	0	0	1	0	0	6
Patents By Year of Application:	2	0	2	1	0	0	0	0	0	1	0	0	0	0	0	6
PANTECH CO. LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	6
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	2	1	1	1	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
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
1400.00 2, 1041 01 1.pp.104010																
SANSHIN KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	3	1	0	2	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
SCHERING CORP.																
Patents By Year of Grant:	2	0	0	1	0	0	0	1	0	0	0	0	1	1	0	6
Patents By Year of Application:	3	1	1	0	0	0	0	0	0	0	0	0	1	0	0	6
aga musugay uranggrapayaga																
SGS-THOMSON MICROELECTRONICS, INC.	5	0	1	•	0	•	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	1 0	0 0	0	0	0	0 0	0	0	0	0	0	0	0	6 6
Patents By Year of Application:	O	U	J	J	U	U	U	U	J	J	U	U	U	U	J	0
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
• • • • • • • • • • • • • • • • • • • •																
SHIN ETSU CHEMICAL CO., LTD.																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	1	0	1	0	0	0	6
Patents By Year of Application:	4	0	0	1	0	0	1	0	0	0	0	0	0	0	0	6

	Organizational	Patenting
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Patents By Year of Application:

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2013)	P	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents	
	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
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:	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	
SYMBOL TECHNOLOGIES, INC.		_	_											_			
Patents By Year of Grant:	0	1	0	0	0	0	0	0	1	2	0	1	0	1	0	6	
Patents By Year of Application:	1	0	1	0	1	1	0	2	0	0	0	0	0	0	0	6	
UNITED STATES OF AMERICA, DEPARTMENT	OF 3CDTO	יווי ייווים דווי															
Patents By Year of Grant:	OF AGRIC	0	0	0	0	0	0	0	0	0	0	0	1	0	1	6	
Patents By Year of Application:	4	0	0	0	0	0	1	0	0	0	0	0	0	1	0	6	
racenes by rear or apprication.	•	Ū	Ū	Ū	·	Ū	-	v	Ū	v	· ·	v	· ·	-	Ū	Ü	
UNIVERSITY OF SOUTHERN CALIFORNIA																	
Patents By Year of Grant:	1	0	0	1	0	0	1	0	0	0	0	0	2	0	1	6	
Patents By Year of Application:	2	0	1	0	0	0	1	0	1	0	0	1	0	0	0	6	
USX 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	
W. R. GRACE & COCONN.																	
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	
WALKER DIGITAL, LLC							_		_	_							
Patents By Year of Grant:	0	0	0	0	0	0	1	0 2	1	1	0	2	1	0	0	6	
Patents By Year of Application:	0	0	0	2	1	0	1	2	0	0	0	0	0	0	0	6	
WESTVACO 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	
Tatalog 2, Tour or approaction.	J	v	Ū	Ū	v	·	Ū	·	v	v	·	v	·	v	v	J	
ZENITH ELECTRONICS CORPORATION																	
Patents By Year of Grant:	4	1	0	0	0	0	0	0	0	0	0	1	0	0	0	6	
Patents By Year of Application:	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	6	
ACQIS LLC																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	5	
	_	_	_	_	_	_	_		_			_		_	_		

Process Proc	Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2013)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	tents
AMEN ON Betwelts By Year of Creant:	_	_															
Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
ALIBRGAN, INC. Patente By Year of Application: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AKZO N.V.																
ALLERGAN, INC. Patents By Year of Grant: 3 0 1 0 0 0 0 1 0 0 0 0 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 0 0 0 0 0	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 Grant:	Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Grant:																	
### Patents By Year of Application:	·																_
AMERY CORP. Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-																
Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5
Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MADEL CODD																
### Patents By Year of Application:			^	0	0	^	0	0	0	0	0	0	0	0	0	0	E
ANGIODYNAMICS, INC. Patents By Year of Grant: 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 3 0 0 0 5 Patents By Year of Application: 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 3 0 0 0 5 AT6 T Mobility II LLC Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 1 2 0 1 1 0 0 5 Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 1 2 0 1 1 0 0 5 AT6LIERS DES CHARMILLES S.A. Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	_																
Patents By Year of Grant: 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ratents by rear or Apprication:	3	J	J	J	J	U	U	J	J	J	U	U	U	U	J	5
Patents By Year of Grant: 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ANGIODYNAMICS, INC.																
Patents By Year of Application: 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•	n	0	n	0	1	n	0	n	0	0	0	1	3	0	0	5
ATE T Mobility II LLC Patents By Year of Grant:	_	-										-			-		
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14001100 2, 1041 01 1.pp=10401011.				_							-					
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AT& T Mobility II LLC																
Patents By Year of Application: 0 0 0 0 0 2 0 1 0 0 0 1 0 0 1 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 0 0 0 0	-	0	0	0	0	0	0	0	0	0	1	2	0	1	1	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 0 0 0 5 Patents By Year of Application: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	_	0	0	0	0	2	0	1	0	0	0	1	0	0	1	0	5
Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
Patents By Year of Application: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ATELIERS DES CHARMILLES S.A.																
ATLANTIC RICHFIELD COMPANY Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	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 Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
Patents By Year of Application: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ATLANTIC RICHFIELD COMPANY																
AUTOMOTIVE PRODUCTS PLC Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	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 Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
Patents By Year of Application: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AUTOMOTIVE PRODUCTS PLC																
BASELL POLYOLEFINE GMBH Patents By Year of Grant: 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0	_				-			-						-	-	-	
Patents By Year of Grant: 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Grant: 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0																	
Patents By Year of Application: 3 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5 BAYER CROPSCIENCE KK Patents By Year of Grant: 0 0 0 0 0 0 0 0 5 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 0 0 0 0 0																	_
BAYER CROPSCIENCE KK Patents By Year of Grant: 0 0 0 0 0 0 0 5 0 0 0 0 0 0 0 5 Patents By Year of Application: 1 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5 BOEHRINGER MANNHEIM G.M.B.H. Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5	-	•						-				-		•	-		
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAVID GDGDGGTDVC																
Patents By Year of Application: 1 0 0 4 0		_	_	•	•	_	_	•	_	•	•	•	•	•	_	•	_
BOEHRINGER MANNHEIM G.M.B.H. Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 5	-	-															
Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 5	Patents By Year of Application:	1	0	0	4	0	0	0	0	0	0	O	0	0	0	0	5
Patents By Year of Grant: 5 0 0 0 0 0 0 0 0 0 0 0 0 5	DOEUDINGED MANNUETH C M D II																
·			^	0	0	^	0	0	0	0	0	0	0	0	0	0	E
racence by rear or appricacion: 5 0 0 0 0 0 0 0 0 0 0 0 0 5	-	-												-			
	ratents by rear or Application:	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	5

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
BOSE CORPORATION																	
Patents By Year of Grant:	3	0	1	0	0	0	0	0	0	0	0	0	0	0	1	5	
Patents By Year of Application:	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5	
russius by rour or impression.	-		·	•	·	-	•		•	•	•	•	•	•		J	
C.R.F. SOCIETA CONSORTILE PER AZIONI																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	0	1	0	1	1	5	
Patents By Year of Application:	0	0	0	0	0	0	3	0	1	0	0	1	0	0	0	5	
CARDIAC PACEMAKERS, INC.							_			_		_	_			_	
Patents By Year of Grant:	1	0	0	0	0	1	0	0	0	0	1	0	2	0	0	5	
Patents By Year of Application:	1	0	1	0	0	1	0	0	2	0	0	0	0	0	0	5	
CARL ZEISS SMT AG																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	5	
Patents By Year of Application:	0	0	2	0	0	1	1	0	1	0	0	0	0	0	0	5	
- · · ·																	
CHURCH + DWIGHT CO., 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	
CINCINNATI MILACRON INC.	_					_											
Patents By Year of Grant:	5 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5 5	
Patents By Year of Application:	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	5	
CISCO TECHNOLOGY, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	5	
Patents By Year of Application:	1	0	0	0	1	1	1	1	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	
DELDUT EDGENOLOGICA TVG																	
DELPHI TECHNOLOGIES, INC.	0	0	0	1	1	0	0	1	2	0	0	0	0	0	0	5	
Patents By Year of Grant: Patents By Year of Application:	1	0	1	0	0	2	1	0	0	0	0	0	0	0	0	5	
racents by rear or Apprication:	1	U	1	U	U	2	1	U	U	U	U	U	U	U	U	5	
DISCOVISION ASSOCIATES																	
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:	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	2	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	2013)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
ECOLAB INC.																
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:	2	0	1	0	1	0	0	1	0	0	0	0	0	0	0	5
ETHYL CORPORATION																
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
FORD GLOBAL TECHNOLOGIES, INC.	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Patents By Year of Grant:	0	2	0	1	1	0	0	0	0	0	0	0	0	1	0	5
Patents By Year of Application:	3	0	1	0	0	0	0	0	1	0	0	0	0	0	0	5
Fujitsu Semiconductor Limited																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	5
Patents By Year of Application:	0	1	0	0	1	2	0	0	0	1	0	0	0	0	0	5
racence by rear or apprication.		-	J	J	-		<u> </u>	J	J	-	<u> </u>		J	J	J	<u></u>
GlaxoSmithKline LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	3	0	1	1	5
Patents By Year of Application:	1	0	0	0	0	0	0	1	1	0	1	0	1	0	0	5
H. LUNDBECK A/S																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5
Patents By Year of Application:	3	0	0	0	0	0	0	0	1	0	0	1	0	0	0	5
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	5
Patents By Year of Application:	3	0	0	0	0	1	0	1	0	0	0	0	0	0	0	5
TRIPIN GO TER																
IBIDEN CO., LTD.	^	^	^	^	^	^	^	^	^	^	^		^			-
Patents By Year of Application:	0 3	0	0 0	0	0	0 2	0	0 0	0 0	0	2 0	1 0	0 0	1 0	1 0	5 5
Patents By Year of Application:	3	U	U	U	U	2	U	U	U	U	U	U	U	U	U	5
ILLINOIS TOOL WORKS INC.																
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	0	0	0	0	1	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
Intellectual Ventures II LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	5

REISSUE PATENTS REPORT

	Organizational	Patenting
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Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2013)	R	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents	
	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
LAM RESEARCH CORPORATION																	
Patents By Year of Grant:	0	0	0	0	1	0	0	1	1	0	0	1	0	1	0	5	
Patents By Year of Application:	0	0	1	1	2	0	1	0	0	0	0	0	0	0	0	5	
LEVER BROTHERS COMPANY, DIVISION OF C	ONOPCO,	INC.															
Patents By Year of Grant:	3	1	0	1	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	
LEVITON MANUFACTURING CO. INC.	•	•	^	^	^	•	•	•	•	•	•		2	•	•	-	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	5 5	
Patents By Year of Application:	U	U	U	U	U	U	1	U	U	U	1	3	U	U	U	5	
LG Display Co., Ltd.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	5	
Patents By Year of Application:	0	0	0	0	1	1	1	0	1	0	1	0	0	0	0	5	
LUBRIZOL 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	
WARRANGUETTA TERRETA MODERA ETTA																	
MATSUSHITA ELECTRIC WORKS, LTD.	•	•	^	^	0	•		0		•	•	•	•	^	•	-	
Patents By Year of Grant:	3 4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5 5	
Patents By Year of Application:	4	U	U	1	U	U	U	U	U	U	U	U	U	U	U	5	
MEDCO HEALTH SOLUTIONS, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	5	
Patents By Year of Application:	0	2	0	0	0	0	0	0	0	1	2	0	0	0	0	5	
MEDRAD, INC.																	
Patents By Year of Grant:	0	1	1	1	0	0	0	0	0	0	0	0	2	0	0	5	
Patents By Year of Application:	1	2	0	0	0	0	0	0	0	2	0	0	0	0	0	5	
MICREL INCORPORATED	^	^	^		^	•	•	•	^	•	•		•	^		-	
Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	2	1	0	0	1	5	
Patents By Year of Application:	1	0	0	0	0	0	1	1	2	0	0	0	U	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	
•																	
Mold-Masters (2007) Limited																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	5	
Patents By Year of Application:	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0	5	

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	2013)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	tents
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
NEGOTIATED DATA SOLUTIONS LLC																
Patents By Year of Grant:	0	0	0	0	0	0	1	4	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
NGK INSULATORS LTD.																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	3 0	0	0	0	0	0	5
Patents By Year of Application:	2	0	0	0	0	1	2	0	0	0	0	0	0	0	0	5
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	2	0	0	0	0	1	0	0	0	0	0	1	0	1	0	5
Patents By Year of Application:	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	5
racence by rear or apprication.	_	-	J	J	J	J	<u> </u>	-	J.	-		<u> </u>	J	<u> </u>	J	<u> </u>
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
NIPPON THOMPSON CO., LTD.																
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
NISSAN CHEMICAL INDUSTRIES, LTD.																
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:	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5
VODEN AVERTANA DUTT TRA CORROBIETON																
NORTH AMERICAN PHILIPS CORPORATION	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5
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	U	U	U	U	U	U	U	U	U	U	U	U	U	U	J
NORTHERN TELECOM LIMITED																
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
NOVATEK MICROELECTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	0	1	0	0	1	5
Patents By Year of Application:	0	0	0	0	0	0	1	2	0	1	0	1	0	0	0	5
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	2	0	0	2	0	0	0	0	0	1	0	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
OTIS ELEVATOR COMPANY	_	_	•	•	•	_	_	_	_	_	•	•	•	_	•	-
Patents By Year of Grant:	3	0	0	0 2	0	1 0	1 0	0 0	0	0	0	0	0	0	0	5
Patents By Year of Application:	3	U	U	2	U	U	U	U	U	U	U	0	U	U	0	5

Organizational Patenting	(Granted: Jan 01	, 1977 - Dec 31, 2013)) Ranked List	of Organizations with 5	5 or More Patents

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	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	1	1	1	0	1	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	
ROCKY RESEARCH																	
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	
•																	
ROLLS-ROYCE PLC																	
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	
SABIC Innovative Plastics, IP BV																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1	5	
Patents By Year of Application:	1	0	0	0	2	0	0	1	0	0	0	0	1	0	0	5	
SAINT-GOBAIN VITRAGE																	
Patents By Year of Grant:	3	0	1	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	
SANDEN 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	
SANDVIK AKTIEBOLAG																	
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:	5	0	0	0	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	
	-	,	,	,	-	-	-	-	-	<u> </u>	ž	-	-	-	,	-	
SCIENTIFIC-ATLANTA, INC.																	
Patents By Year of Grant:	1	2	0	0	0	0	0	1	0	0	0	0	0	0	1	5	
Patents By Year of Application:	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5	
SCM CORPORATION	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Grant: Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
racence by rear or appricacion:	5	J	0	J	J	U	U	U	U	J	U	U	U	U	J	3	

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	2013)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SEGA ENTERPRISES, LTD.																
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
1000.00 27 1001 01 1441100000																
SOUTHWEST RESEARCH INSTITUTE																
Patents By Year of Grant:	1	0	0	1	0	0	0	0	1	2	0	0	0	0	0	5
Patents By Year of Application:	2	0	0	0	0	2	1	0	0	0	0	0	0	0	0	5
• ••																
SRI INTERNATIONAL																
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	0	0	0	0	0	0	0	0	0	1	0	0	5
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
SUNDSTRAND 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
TAYLOR MADE GOLF COMPANY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	5
Patents By Year of Application:	0	0	0	0	1	0	0	0	3	0	0	0	1	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:	2	2	0	0	0	0	0	1	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
TORO COMPANY																_
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
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
TOYODA GOSEI KABUSHIKI KAISHA	_	_	_	•	_	•	•	_	_	_	•	_	•	_	_	-
Patents By Year of Grant:	1	1	0	0	1	0	0	0	1	0	0	1	0	0	0	5
Patents By Year of Application:	2	1	0	1	0	0	0	1	0	0	0	0	0	0	0	5

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2013)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
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 OF AMERICA, ARMY																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	1	1	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
UNITED STATES SURGICAL CORPORATION																
Patents By Year of Grant:	1	2	0	0	0	0	1	0	0	1	0	0	0	0	0	5
Patents By Year of Application:	3	0	1	0	0	0	1	0	0	0	0	0	0	0	0	5
UNIVERSITY OF MINNESOTA, THE REGENTS OF	F															
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
VSL PHARMACEUTICALS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	2	1	0	1	0	0	0	5
Patents By Year of Application:	2	0	0	0	0	0	1	2	0	0	0	0	0	0	0	5
Video Enhancement Solutions LLC																
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:	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5

WHITAKER CORPORATION

XILINX, INC.

Patents By Year of Grant:

Patents By Year of Grant:

Other Organizations (5591)
Patents By Year of Grant:

Patents By Year of Application:

Patents By Year of Application:

Patents By Year of Application: