STATUTORY INVENTION REGISTRATIONS

AND

DEFENSIVE PUBLICATIONS

JANUARY 1977 -- DECEMBER 2008



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

A PATENT TECHNOLOGY MONITORING TEAM REPORT

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

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

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

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

Part B

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

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

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

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

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

Parts of the Report

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

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

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

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

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

Part A1

Patent Grants As Distributed By Year of Patent Grant

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Page Al- 1

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2008) ----

							NU	MBER OF	PATENTS							
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
Total	1884	121	109	78	62	60	104	76	49	36	20	23	32	29	20	2703
U.S. Origin	1677	111	94	65	56	56	96	72	49	35	19	23	28	26	20	2427
Foreign Origin	207	10	15	13	6	4	8	4		1	1		4	3		276
JAPAN	107	7	12	7	3	2	2									140
UNITED KINGDOM	56						3	1					1	1		62
CANADA	12	1		1	1		2									17
GERMANY	10			1				1								12
NETHERLANDS	7		1	1										1		10
FRANCE	5	1			1											7
SWITZERLAND	3	1	1													5
AUSTRALIA	2							1					1			4
SOUTH AFRICA						1	1			1				1		4
INDIA	2		1													3
ITALY	2				1											3
BELGIUM				2		1										3
INDONESIA				1												1
SWEDEN	1															1
TAIWAN								1								1
ISRAEL											1					1
AUSTRIA													1			1
CZECH REPUBLIC													1			1
Ownership:																
U.S. Corporations	415	35	40	29	26	28	65	44	27	25	7	10	8	14	9	782
U.S. Government	866	51	37	22	10	14	25	24	19	7	12	11	18	10	10	1136
U.S. Individuals	422	25	19	18	19	13	10	4	3	2			2	2	1	540
Foreign Corporations	113	5	7	3	6	3	3	3		2		2	3	2		152
Foreign Government																0
Foreign Individuals	68	5	6	6	1	2	1	1			1		1	1		93

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2008) ----

							PE	RCENT OF	PATENTS								
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total	
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
U.S. Origin	89	92	86	83	90	93	92	95	100	97	95	100	88	90	100	90	
Foreign Origin	11	8	14	17	10	7	8	5		3	5		13	10		10	
JAPAN	6	6	11	9	5	3	2									5	
UNITED KINGDOM	3						3	1					3	3		2	
CANADA	1	1		1	2		2									1	
GERMANY	1			1				1								0	
NETHERLANDS			1	1										3		0	
FRANCE		1			2											0	
SWITZERLAND		1	1													0	
AUSTRALIA								1					3			0	
SOUTH AFRICA						2	1			3				3		0	
INDIA			1													0	
ITALY					2											0	
BELGIUM				3		2										0	
INDONESIA				1												0	
SWEDEN																0	
TAIWAN								1								0	
ISRAEL											5					0	
AUSTRIA													3			0	
CZECH REPUBLIC													3			0	
Ownership:																	
U.S. Corporations	22	29	37	37	42	47	63	58	55	69	35	43	25	48	45	29	
U.S. Government	46	42	34	28	16	23	24	32	39	19	60	48	56	34	50	42	
U.S. Individuals	22	21	17	23	31	22	10	5	6	6			6	7	5	20	
Foreign Corporations	6	4	6	4	10	5	3	4		6		9	9	7		6	
Foreign Government																0	
Foreign Individuals	4	4	6	8	2	3	1	1			5		3	3		3	

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Part A2

Patent Grants As Distributed By Year of Patent Application

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2008) ----

						N	UMBER C	F PATENT	ED APPLI	CATIONS							
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total	
Total	2152	90	72	91	113	46	33	23	33	24	14	7	2	3		2703	
U.S. Origin	1915	80	65	82	110	44	32	22	32	22	12	7	2	2		2427	
Foreign Origin	237	10	7	9	3	2	1	1	1	2	2			1		276	
JAPAN	128	4	4	4												140	
UNITED KINGDOM	57		1		2		1				1					62	
CANADA	14		1	2												17	
GERMANY	10	1		1												12	
NETHERLANDS	9													1		10	
FRANCE	6		1													7	
SWITZERLAND	5															5	
AUSTRALIA	2					2										4	
SOUTH AFRICA				1	1			1			1					4	
INDIA	3															3	
ITALY	2	1														3	
BELGIUM		3														3	
INDONESIA		1														1	
TAIWAN				1												1	
SWEDEN	1															1	
ISRAEL									1							1	
AUSTRIA										1						1	
CZECH REPUBLIC										1						1	
Ownership:																	
U.S. Corporations	511	29	33	46	76	26	18	9	15	6	6	3	2	2		782	
U.S. Government	967	26	23	21	23	14	14	11	14	15	5	3				1136	
U.S. Individuals	468	26	9	18	10	3		2	1	1	1	1				540	
Foreign Corporations	125	5	5	4	4	1	1	1	2	2	2					152	
Foreign Government																0	
Foreign Individuals	81	4	2	2		2			1					1		93	

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STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2008)

						I	PERCENT C	F PATENT	ED APPLI	CATIONS							
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total	
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100		100	
U.S. Origin	89	89	90	90	97	96	97	96	97	92	86	100	100	67		90	
Foreign Origin	11	11	90 10	90 10	3	98 4	3	98 4	3	92 8	88 14	100	100	33		90 10	
Foreign Origin	11	11	10	10	3	4	3	4	3	0	14			33		10	
JAPAN	6	4	6	4												5	
UNITED KINGDOM	3		1		2		3				7					2	
CANADA	1		1	2												1	
GERMANY		1		1												0	
NETHERLANDS														33		0	
FRANCE			1													0	
SWITZERLAND																0	
AUSTRALIA						4										0	
SOUTH AFRICA				1	1			4			7					0	
INDIA																0	
ITALY		1														0	
BELGIUM		3														0	
INDONESIA		1														0	
TAIWAN				1												0	
SWEDEN																0	
ISRAEL									3							0	
AUSTRIA										4						0	
CZECH REPUBLIC										4						0	
Ownership:																	
U.S. Corporations	24	32	46	51	67	57	55	39	45	25	43	43	100	67		29	
U.S. Government	45	29	32	23	20	30	42	48	42	63	36	43				42	
U.S. Individuals	22	29	13	20	9	7		9	3	4	7	14				20	
					-	-		-	-	-	-						
Foreign Corporations	6	6	7	4	4	2	3	4	6	8	14					6	
Foreign Government									-							0	
Foreign Individuals	4	4	3	2		4			3					33		3	
	-	-	•	-		-			-							•	

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Part B

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

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	ed: Jan 0	01, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or	More Pat	cents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
	1995	1995	1990	1997	1990	1999	2000	1001	2002	2005	2001	2005	2000	2007	2000	1011111
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	363	20	18	2	1	3	4	3	1	0	1	0	0	0	0	416
Patents By Year of Application:	401	2	6	2	1	4	0	0	0	0	0	0	0	0	0	416
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	211	20	14	14	5	10	13	12	9	7	4	4	12	4	5	344
Patents By Year of Application:	254	19	8	16	13	6	7	6	1	10	3	1	0	0	0	344
UNITED STATES OF AMERICA, AIR FORCE	110	-	-	-	-	-	_	-	~	•	_	_	-	-	-	105
Patents By Year of Grant:	113	6 5	5	5	3	1	7 6	6 4	8 13	0	7	7	6 0	6 0	5	185
Patents By Year of Application:	127	5	7	2	8	4	6	4	13	5	2	2	U	0	0	185
UNITED STATES OF AMERICA, DEPARTMENT	OF ENFO	v														
Patents By Year of Grant:	139	5	0	1	1	0	1	3	0	0	0	0	0	0	0	150
Patents By Year of Application:	145	0	2	1	1	0	1	0	0	0	0	0	0	0	0	150
			-	-	-		-	· ·			•	· ·	· ·		· ·	
SHELL OIL COMPANY																
Patents By Year of Grant:	64	12	13	5	5	5	2	2	2	0	0	1	1	0	0	112
Patents By Year of Application:	95	5	7	2	1	1	0	0	1	0	0	0	0	0	0	112
CATERPILLAR INC.																
Patents By Year of Grant:	32	3	0	0	0	3	15	4	4	0	0	0	0	0	0	61
Patents By Year of Application:	35	0	0	2	20	4	0	0	0	0	0	0	0	0	0	61
AT&T CORP.																
Patents By Year of Grant:	39	0	0	0	0	1	0	0	0	1	0	0	0	0	0	41
Patents By Year of Application:	39	0	0	1	1	0	0	0	0	0	0	0	0	0	0	41
E. I. DU PONT DE NEMOURS AND COMPANY	26	2	-	•	4	1	2	1	0	0	•	0	0	0	6	20
Patents By Year of Grant:	26 30	2	1	2 5	4	1	2	1	0	0	0	0	0	0	0	39 39
Patents By Year of Application:	30	0	4	5	Т	T	U	0	0	0	U	0	U	0	U	39
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	31	1	2	2	0	0	0	0	0	0	0	0	0	0	0	36
Patents By Year of Application:	35	0	1	0	0	0	0	0	0	0	0	0	0	0	0	36
		-	_	5	-	5	-	5	5	-	-	-	-	1		
UNITED STATES OF AMERICA, TENNESSEE V	ALLEY AU	THORITY														
Patents By Year of Grant:	28	0	0	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
INTERNATIONAL BUSINESS MACHINES CORPO	RATION															
Patents By Year of Grant:	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Patents By Year of Application:	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	1	Ranked Li	st of Or	ganizati	ons with	1 or	More Pat	cents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
IMPERIAL CHEMICAL INDUSTRIES PLC	26	0	0	0	0	0	0	•	0	0	•	0	0	0	•	26
Patents By Year of Grant: Patents By Year of Application:	26 26	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0 0	26 26
Patents by fear of Application:	20	U	0	U	U	0	0	U	U	U	U	U	U	U	U	20
KONICA CORPORATION																
Patents By Year of Grant:	18	2	5	0	0	0	0	0	0	0	0	0	0	0	0	25
Patents By Year of Application:	24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	25
A. E. STALEY MANUFACTURING COMPANY																
Patents By Year of Grant:	21	2	1	0	0	0	0	0	0	0	0	0	0	0	0	24
Patents By Year of Application:	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
DSC/CELCORE, INC.																
Patents By Year of Grant:	0	0	0	0	0	2	16	3	0	0	0	0	0	0	0	21
Patents By Year of Application:	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	21
PROCTER + GAMBLE COMPANY	-	-		_		•	•	_				•				
Patents By Year of Grant:	1 8	1	3	7	2 1	0	2	1	3 0	0	0	0	0	0	0	20 20
Patents By Year of Application:	0	0	0	3	1	0	0	U	U	U	U	U	U	U	U	20
EXXON PRODUCTION RESEARCH COMPANY																
Patents By Year of Grant:	10	2	4	1	1	1	0	0	0	0	0	0	0	0	0	19
Patents By Year of Application:	17	0	1	1	0	0	0	0	0	0	0	0	0	0	0	19
FMC CORPORATION																
Patents By Year of Grant:	9	0	0	0	2	1	2	3	1	0	1	0	0	0	0	19
Patents By Year of Application:	10	0	1	2	6	0	0	0	0	0	0	0	0	0	0	19
W. R. GRACE & COCONN.																
Patents By Year of Grant:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
XEROX CORPORATION	4	1	0	1	0	2	4	0	0	0	0	1	0	0	0	14
Patents By Year of Grant: Patents By Year of Application:	4	1	0	1 4	0 1	3	4	0	0	0	0	1	0	0	0	14 14
racents by lear of Appileation:	J	Ŧ	-	Ŧ	1	4	U	U	0	J	0	v	U	U	J	7.4
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	4	4	1	1	0	1	1	1	0	0	0	0	0	0	0	13
Patents By Year of Application:	- 9	0	1	3	0	0	0	0	0	0	0	0	0	0	0	13
BRISTOL-MYERS SQUIBB COMPANY																
Patents By Year of Grant:	1	1	0	1	2	1	1	0	0	0	0	0	0	4	1	12
Patents By Year of Application:	2	0	3	2	0	0	0	0	0	0	2	2	1	0	0	12

 Technology	Assessment	and	Forecast	Report	

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Patents By Year of Application: 9 0	
1995 1995 1996 1997 1998 1999 2001 2002 2003 2004 2005 2006 2007 2008 TOTA HERCULES INCORPORTED 7 0 1 1 1 0	
HERCULES INCORPORATED Patents By Year of Grant: 7 0 1 1 1 0 <th< td=""><td>_</td></th<>	_
Patents By Year of Grant: 7 0 1 1 1 0<	i i
Patents By Year of Grant: 7 0 1 1 1 0<	
Patents By Year of Application: 8 2 0	0
Patents By Year of Grant: 8 0 1 0<	
Patents By Year of Grant: 8 0 1 0<	
Patents By Year of Application: 9 0	
GENERAL ELECTRIC COMPANY Patents By Year of Grant: 5 0 0 0 1 3 0 0 0 0 0 Patents By Year of Application: 5 1 0 1 1 0	9
Patents By Year of Grant: 5 0 0 0 0 1 3 0<	9
Patents By Year of Application: 5 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE Patents By Year of Grant: 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9
Patents By Year of Grant: 9 0 <td>9</td>	9
-	
Patents By Year of Application: 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9
	9
CONCO INC.	
Patents By Year of Grant: 8 0 <td>8</td>	8
Patents By Year of Application: 8 0 <t< td=""><td>8</td></t<>	8
KIMBERLY-CLARK WORLDWIDE, INC.	
Patents By Year of Grant: 0 0 0 1 0 4 1 2 0 0 0 0	8
Patents By Year of Application: 0 1 0 2 5 0 <t< td=""><td>8</td></t<>	8
KIORITZ CORPORATION	
Patents By Year of Grant: 7 1 0 <td>8</td>	8
Patents By Year of Application: 8 0 <t< td=""><td>8</td></t<>	8
MEDTRONIC INC.	
Patents By Year of Grant: 6 1 0 0 1 0 <td>8</td>	8
Patents By Year of Application: 7 0 1 0 <t< td=""><td>8</td></t<>	8
CHEVRON U.S.A. INC.	
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 3 2 1 1	7
Patents By Year of Application: 0 0 0 0 0 1 0 5 1 0 <t< td=""><td>7</td></t<>	7
EASTMAN CHEMICAL COMPANY	
	7
Patents By Year of Application: 0 0 2 0 2 0 1 2 0 <t< td=""><td>7</td></t<>	7
E. R. SQUIBB + SONS, INC.	
Patents By Year of Grant: 6 0 <td>6</td>	6
Patents By Year of Application: 6 0 <t< td=""><td>6</td></t<>	6

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	F	Ranked Li	st of Or	ganizati	ons with	1 or i	More Pat	cents	
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
ELI LILLY AND COMPANY																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6	
Patents By Year of Application:	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	6	
EXXON CHEMICALS PATENTS INC.																	
Patents By Year of Grant:	1	0	0	0	0	0	1	2	0	1	1	0	0	0	0	6	
Patents By Year of Application:	2	1	2	0	0	0	1	0	0	0	0	0	0	0	0	6	
EXXON RESEARCH + ENGINEERING 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	
ATLANTIC RICHFIELD COMPANY																	
Patents By Year of Grant:	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	5	
Patents By Year of Application:	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
FIRESTONE TIRE & RUBBER CO.																	
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	
HENKEL CORPORATION																	
Patents By Year of Grant:	0	0	0	0	1	0	0	0	2	2	0	0	0	0	0	5	
Patents By Year of Application:	1	0	0	0	0	1	3	0	0	0	0	0	0	0	0	5	
OPUSWAVE NETWORKS, INC.	•	•	•	•	•	•	•	•	1	2	-	•	•	•	•	-	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	5	
Patents By Year of Application:	U	U	0	0	1	0	4	0	0	0	0	0	0	0	U	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
CETUS CORPORATION	5	Ū	Ū	Ū	0	0	Ū	Ū	Ū	0	Ū	Ū	0	0	0	5	
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Patents By Year of Application:	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
	-	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	-	
GOODYEAR TIRE + RUBBER COMPANY Patents By Year of Grant:	0	0	0	0	0	0	1	0	2	1	0	0	0	0	0	4	
		0	-	1	-		0	0	2	0	0	0	0	0	0	4	
Patents By Year of Application:	0	U	2	Ŧ	0	1	U	U	U	U	U	U	U	U	U	4	
HALLIBURTON ENERGY SERVICES, INC.	•	•	•	^	^	^	•	-	•	•	^	•	1	^	•	4	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	4	
Patents By Year of Application:	0	U	U	U	0	1	0	1	0	U	1	0	1	U	U	4	

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	ed: Jan O)1, 1977	- Dec 31	, 2008)	F	Ranked Li	st of Or	ganizati	ons with	1 or	More Pa	tents
	Dees															
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
	1775	1775	1990	1997	1990	1999	2000	2001	2002	2005	2001	2005	2000	2007	2000	IUIAL
MINNESOTA MINING AND MANUFACTURING CC	MPANY															
Patents By Year of Grant:	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	4
Patents By Year of Application:	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
MOTOROLA, INC.																
Patents By Year of Grant:	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4
Patents By Year of Application:	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4
NIKON CORPORATION	•	•	•	•	•	•	•		•	•	•		•	•	•	
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	2	0	0	1 0	0	0	0	1	0	0	0	4
Fatents by fear of Application:	0	1	U	Ŧ	-	U	U	U	1	0	U	U	0	U	U	7
UNITED STATES OF AMERICA, HEALTH & HU	MAN SERV	ICES														
Patents By Year of Grant:	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4
Patents By Year of Application:	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
ASTENJOHNSON, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3
Patents By Year of Application:	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	3
BEXFORD LIMITED																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
		•	, T	•		· ·	· ·				· ·			· ·	· ·	C C
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3
Patents By Year of Application:	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
GILLETTE COMPANY																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
ISHIHARA SANGYO KAISHA LTD.	~	^	^	^	•	^	^	•	^	^	^	~	^	^	^	2
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Patents By Year of Application:	3	0	0	0	U	U	0	U	U	U	0	U	U	0	U	3
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	3
Patents By Year of Application:	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	3
		_		,	-		-	-	,	2	-	-	-	-	-	-

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Ownerstanting 1 Patron				(0	A. T	1 1000	De - 31	20223		Domina 1 7 1				1	Vous D	
Organizational Patenting				Grante	a: Jan 0	1, 1977	- Dec 31	, 2008)	I	kanked Li	st of Or	ganizati	ons with	1 or	more Pat	cents
	Pre															
	Pre 1995	1995	1996	1997	1000	1999	2000	0001	2002	2003	0004	2005	2006	0005		
	1992	1992	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
NT DDILLING ELUIDA CONDUN																
MI DRILLING FLUIDS COMPANY		•	-	•	•	•		•		•	•			•		
Patents By Year of Grant:	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MOBIL OIL CORP.		•	•		•	•	•	•	•	-					•	
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3
Patents By Year of Application:	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3
NAVISTAR INTERNATIONAL TRANSPORTATION																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
RHONE-POULENC INC.																
Patents By Year of Grant:	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SMITH INTERNATIONAL INC.																
Patents By Year of Grant:	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3
Patents By Year of Application:	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
ADVANCED NUCLEAR FUELS CORPORATION																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BELOIT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
BEXFORD LIMITED IMPERIAL CHEMICAL HOU	SE															
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	-	·	•	•	÷	÷	÷	·	·	•	÷	•	÷	•	÷	-
FORD MOTOR COMPANY																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ratents by rear of Apprication:	4	v	U	0	v	U	U	U	0	U	U	U	U	U	0	4
FUJI HUNT PHOTOGRAPHIC CHEMICALS INC.																
		0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
Patents By Year of Grant:	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
Patents By Year of Application:	U	T	U	T	U	U	U	U	U	U	U	U	U	U	U	4

 Technology	Assessment	and	Forecast	Report	

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or	More Pat	ents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
H. C. STARCK, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
Patents By Year of Application:	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
HAY & FORAGE INDUSTRIES																
Patents By Year of Grant:	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
HOECHST CELANESE CORPORATION																
Patents By Year of Grant:	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
KEARNEY + TRECKER CORPORATION																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
LUBRIZOL CORPORATION																
Patents By Year of Grant:	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MALLINCKRODT, INC.																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MCNEIL-PPC, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
Patents By Year of Application:	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
MITSUBISHI RAYON CO., LTD.																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OTIS ENGINEERING CORPORATION																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
POLAROID CORPORATION																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or	More Pat	ents	-
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
RCA CORPORATION																	
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
RECOGNITION EQUIPMENT INCORPORATED																	
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
RHONE-POULENC AG COMPANY INC.																	
Patents By Year of Grant:	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	
Patents By Year of Application:	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	
SASOL TECHNOLOGY (PROPRIETARY) LIMITED	>																
Patents By Year of Grant:	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	
Patents By Year of Application:	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
SCIENTIFIC-ATLANTA, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	
Patents By Year of Application:	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	
SNP Consortium																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Patents By Year of Application:	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	
SONY CORPORATION																	
Patents By Year of Grant:	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	
Patents By Year of Application:	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
SYMANTEC CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	
TEXACO CHEMICAL COMPANY																	
Patents By Year of Grant:	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
TEXACO INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	
Patents By Year of Application:	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	
TREDEGAR CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	
Patents By Year of Application:	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

									_							
Organizational Patenting				(Grante	ed: Jan ()1, 1977	- Dec 31	, 2008)	F	anked Li	st of Or.	ganizati	ons with	1 or	More Pat	cents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
TYCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
UNITED STATES BORAX + CHEMICAL CORPOR										_						
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
VISKASE CORPORATION																
Patents By Year of Grant:	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	-	v	5	5			Ŭ	J	J	J	v	Ŭ	v	v	5	-
AFFYMETRIX, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
AGOURON PHARMACEUTICALS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
AHLSTROM MACHINERY, INC.																
Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
AKZO NOBEL NV																
Patents By Year of Grant:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Fatents by leaf of Application:	U	U	0	U	1	U	U	U	U	U	U	U	U	U	0	-
ALCAN ALUMINUM CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ALPHA THERAPEUTIC CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
ARCO CHEMICAL TECHNOLOGY, INC.	_	_	_	_	_	_	-	-	-	-	_	-	-	-	_	_
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	U	0	0	0	0	1

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Preside 1.10Pres	Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or	More Pat	tents
1995 1995 1997 1997 1997 1997 1990 2001 2002 2003 2004 2005 2007 <																	
AltMICO, INC. Patente By Year of Grant: 1 0			1005	1006	1007	1009	1000	2000	2001	2002	2003	2004	2005	2006	2007	20.08	TOTAT
Patcher by Year of Grant: 1 0 <td></td> <td>1995</td> <td>1995</td> <td>1990</td> <td>1997</td> <td>1990</td> <td>1999</td> <td>2000</td> <td>2001</td> <td>2002</td> <td>2003</td> <td>2004</td> <td>2005</td> <td>2000</td> <td>2007</td> <td>2008</td> <td>IUIAL</td>		1995	1995	1990	1997	1990	1999	2000	2001	2002	2003	2004	2005	2000	2007	2008	IUIAL
Patents by Year of Application: 1 0 <t< td=""><td>ARIMETCO, INC.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	ARIMETCO, INC.																
Anciente of worth Adderial Adderia Adderia Adderial Adderia Adderia Adderia Adderial Adderial Add	Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application: 1 0 <t< td=""><td>Patents By Year of Application:</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td></t<>	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application: 1 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																	
Patents by Year of Application: 1 0	ATOCHEM OF NORTH AMERICA, INC.																
Abduly University patents by Year of Agalication: 0 1 0 <th< td=""><td>Patents By Year of Grant:</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td></th<>	Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 0 1 0 1 Patents By Year of Grant: 0 <td< td=""><td>Patents By Year of Application:</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td></td<>	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 0 1 0 1 Patents By Year of Grant: 0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>																	
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Patents By Year of Grant: 0 0 0 1 0 1 Patents By Year of Application: 0 <td>Patents By Year of Application:</td> <td>1</td> <td>0</td> <td>1</td>	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 0 0 0 1 0 1 Patents By Year of Application: 0 <td></td>																	
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Patents By Year of Grant: 0<	Patents By Year of Application:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 0<																	
Patents By Year of Application: 0		•	•	•	•	•	•	•	-	•	•	•	•	•	•	•	
BASE CORP. Patents By Year of Grant: 1 0	-							-							-		
Patents By Year of Grant: 1 0<	Patents By Year of Application:	U	U	U	1	U	0	U	U	0	U	0	U	0	0	U	T
Patents By Year of Grant: 1 0<	PACE COPP																
Patents by Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 1 BATESVILLE CASKET COMPANY, INC. Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BATESVILLE CASKET COMPANY, INC. Patents By Year of Application: 1 0 <t< td=""><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td></t<>	_							-							-		
Patents By Year of Grant: 1 0<			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Patents By Year of Application: 1 0	BATESVILLE CASKET COMPANY, INC.																
BAYER CORPORATION Patents By Year of Grant: 0 0 0 0 0 1 0 0 0 0 0 1 Patents By Year of Grant: 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 BEC BROWN, BOVERI & COMPANY, LIMITED Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 1 Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Grant: 1 0	Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 0 0 0 0 0 1 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Grant: 1 0 <td>Patents By Year of Application:</td> <td>1</td> <td>0</td> <td>1</td>	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 0 0 0 0 0 1 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Grant: 1 0 <td></td>																	
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Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 <td>Patents By Year of Application:</td> <td>1</td> <td>0</td> <td>1</td>	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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BEDFORD LIMITED Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 1 BOSTON UNIVERSITY Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 1	_																
Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 BOSTON UNIVERSITY Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 1	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 BOSTON UNIVERSITY Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 1																	
Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 1 BOSTON UNIVERSITY Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 1		-							•						•		
BOSTON UNIVERSITY Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-																
Patents By Year of Grant: 1 0 1	Patents By Year of Application:	T	U	U	U	U	U	U	U	U	U	U	U	U	U	0	T
Patents By Year of Grant: 1 0 1	BOSTON INTVERSITY																
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 Technology	Assessment	and	Forecast	Report	

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or 1	More Pat	ents	
	_																
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
	1995	1992	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
BP AMERICA INC.																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
BRAND INSULATIONS, INC.																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
BRUNSWICK CORPORATION																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
BURROUGHS WELLCOME CO.																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
CARDIAC PACEMAKERS, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
CARPENTER TECHNOLOGY CORPORATION																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
CENTRAL SPRINKLER CORPORATION																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
CEPHALON, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
CH2M HILL, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
CHEVRON PRODUCTS COMPANY, A DIVISION (OF CHEVR	ON U.S.A	. INC.														
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
Patents By Year of Application:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
CLAIROL INCORPORATED																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or	More Pat	ents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
CLEMSON UNIVERSITY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
COBE LABORATORIES, INC.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
COFLEXIP																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
CPT CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CRAY RESEARCH, INC.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CREATACARD, INC.																
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CRYOVAC, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
CYTOGEN CORPORATION																-
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DAINIPPON SCREEN MFG. CO., LTD.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DATA GENERAL CORP.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DEKALB GENETICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Patents By Year of Application:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

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Organizational Patenting				(Grante	ed: Jan O	01, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or	More Pat	cents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
DRESSER INDUSTRIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
DUPONT DOW ELASTOMERS, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	-															
ELECTRIC POWER RESEARCH INSTITUTE, INC		0	0	0	•	0	0	~	0	0	~	0	0	~	0	1
Patents By Year of Grant: Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Facence by real OI Application:	T	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
EMHART INDUSTRIES, INC.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ENGELHARD CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
ETHICON ENDO-SURGERY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
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EXXON CHEMICAL COMPANY LAW TECHNOLOGY																
Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FIBERWEB NORTH AMERICA, INC.																
Patents By Year of Grant:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Farmak, a.s.	•	•	•	•	•		•	•		•	•	•	-			-
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
GENENTECH, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Prop Prop<	Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or	More Pat	cents	
1995 1996 1997 1998 1999 1990 2001 2002 2003 2004 2005 2007 <th< td=""><td></td><td>D</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		D																
CHNNELS MCHOONED TWO. Patente By Year of Grant: 0 </td <td></td> <td></td> <td>1995</td> <td>1996</td> <td>1997</td> <td>1998</td> <td>1999</td> <td>2000</td> <td>2001</td> <td>2002</td> <td>2003</td> <td>2004</td> <td>2005</td> <td>2006</td> <td>2007</td> <td>2008</td> <td>TOTAL</td>			1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
Patents by Year of Grant: 0 <td></td> <td></td> <td>2000</td> <td>2000</td> <td></td> <td>2000</td> <td></td> <td>2000</td> <td>2002</td> <td></td> <td>2000</td> <td>2001</td> <td>2000</td> <td>2000</td> <td>2007</td> <td>2000</td> <td></td>			2000	2000		2000		2000	2002		2000	2001	2000	2000	2007	2000		
Patents by Yaar of Application: 0 <t< td=""><td>GENESIS MICROCHIP INC.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	GENESIS MICROCHIP INC.																	
OPENALTIONE, NOTITIER, NO. Patents By Year of Grant: 0 <th colspan<="" td=""><td>Patents By Year of Grant:</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td><td>1</td></th>	<td>Patents By Year of Grant:</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td>	Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Patents By Year of Grant: 0 <td>Patents By Year of Application:</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td>	Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
Patents By Year of Grant: 0 <td></td>																		
Patents by Year of Application: 1 0 <t< td=""><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	-																	
CLICO CHEMICALE, INC. Description Descrin Description <thdescrint< th=""></thdescrint<>	-		-			-	-					-			-	-		
Patents By Year of Grant: 1 0 1 GGLDMAN, SACHS & CO. Patents By Year of Grant: 0	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Grant: 1 0 1 GGLDMAN, SACHS & CO. Patents By Year of Grant: 0																		
Partner By Year of Application: 1 0		_																
OGLIMAN, SACHS & CO. D	-											-		-				
Patents By Year of Application: 0	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application: 0																		
Patents by Year of Application: 0	-	•	^	^	~	^	^	^	•	^	-	~	^	^	•	^	-	
GRACE ITALIANA S.P.A. F <	-								-			-		-				
Patents By Year of Grant: 1 0<	Patents By Year of Application:	0	0	U	U	U	U	1	0	U	U	0	U	U	U	0	T	
Patents By Year of Grant: 1 0<	CDACE TEATTANA C D A																	
Patents By Year of Application: 1 0		1	0	0	0	0	٥	0	0	٥	0	0	0	٥	0	٥	1	
GREAT LAKES CHEMICAL CORPORATION I 0	-								-			-		-	-			
Patents By Year of Grant: 1 0<	ratents by rear of apprication.	-	U	U	U	U	U	v	U	U	U	U	U	U	U	Ū	-	
Patents By Year of Grant: 1 0<	GREAT LAKES CHEMICAL CORPORATION																	
Patents By Year of Application: 1 0 1 GTE MOBILE COMMUNCATIONS SERVICE CORPORATION 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0<		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
GTE MOBILE COMMUNICATIONS SERVICE CORPORATION Patents By Year of Grant: 0 0 1 0	-			0	0	0		0	0	0	0	0	0	0	0	0	1	
Patents By Year of Grant: 0 0 0 1 0<																		
Patents By Year of Application: 1 0	GTE MOBILE COMMUNICATIONS SERVICE COR	PORATION																
Greater Kansas City Community Foundation Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 Gyro Energy Limited	Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 1 1 Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 Gyro Energy Limited <th< td=""><td>Patents By Year of Application:</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td></th<>	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 1 1 Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 Gyro Energy Limited <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>																		
Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 1 0 0 0 0 1 0 0 1 0	Greater Kansas City Community Foundat	ion																
Gyro Energy Limited Patents By Year of Grant: 0 0 0 0 0 0 0 0 1 0 1 Patents By Year of Application: 0 0 0 0 0 0 0 0 0 1 0 1 0 1 HALLIBURTON CO. 0 0 1 0 0 1 0 1 0 1	-																	
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 1 0 1 Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 1 1 0 1 1 0 1 1 0 1 1 0 0 0 0 <td>Patents By Year of Application:</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td>	Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 1 0 1 Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 1 1 0 1 1 0 1 1 0 1 1 0 0 0 0 <td></td>																		
Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 HALLIBURTON CO. Patents By Year of Grant: 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 1																		
HALLIBURTON CO. Patents By Year of Grant: 0 0 1 0 0 0 0 0 0 0 1 Patents By Year of Application: 0 0 1 0 0 0 0 0 0 0 0 1 HALCCARBON PRODUCTS CORPORATION Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 1 1	-																	
Patents By Year of Grant: 0 0 0 1 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 HALOCARBON PRODUCTS CORPORATION Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 1 1	Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
Patents By Year of Grant: 0 0 0 1 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 HALOCARBON PRODUCTS CORPORATION Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 1 1																		
Patents By Year of Application: 0 0 1 0 0 0 0 0 0 0 0 0 0 1 HALOCARBON PRODUCTS CORPORATION Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 1 1		•	^	^	-	•	^	^	•	^	•	^	^	^	•	^	-	
HALOCARBON PRODUCTS CORPORATION Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1	-											-						
Patents By Year of Grant: 0 1 1	Patents by Year of Application:	U	U	T	U	U	U	U	U	U	U	U	U	U	U	U	Ţ	
Patents By Year of Grant: 0 1 1	HALACADBON DEODUCTIC CORDORATION																	
•		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
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	recence by rear or appreadion.	v	v	Ŭ	Ŭ	v	v	v	v	v	v	J	v	v	-	J	-	

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STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	d: Jan 0	1, 1977 ·	- Dec 31,	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or	More Pat	ents	
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
	1995	1992	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
HENNING BERLIN GMBH CHEMIE- UND PHARMA	WERK																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
HEUER-LEONIDAS S.A.																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
HUTCHINSON TECHNOLOGY INC.																	
Patents By Year of Grant:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
ICI AMERICAS INC.																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
IMPLANT INNOVATIONS, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
Patents By Year of Application:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
INOAC CORP.																	
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
INTIER AUTOMOTIVE INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
ISLAND GRAPHICS CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
JOHNSON CONTROLS TECHNOLOGY COMPANY																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
Patents By Year of Application:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
K. W. MUTH COMPANY, INC.																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
KANEGAFUCHI CHEMICAL INDUSTRY CO., LTD	•																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	F	Ranked Li	st of Or	ganizati	ons with	1 or 1	More Pat	ents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
KENNECOTT CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
KIMBERLY-CLARK CORPORATION																
Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
KOBE, INC.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
KRATON POLYMERS US LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Patents By Year of Application:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
LEAR DONNELLY OVERHEAD SYSTEMS L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
LORILLARD TOBACCO COMPANY																
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MACHINE BUILDERS AND DESIGN, INC.	-	•			•	•	•	•	•	•	•	•	•	•		
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	U	0	0	0	0	0	1
MEAD CORPORATION																-
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MERITOR HEAVY VEHICLE SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
METHODE ELECTRONICS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

				(1 10	D	00003	_		-					
Organizational Patenting				(Grante	ed: Jan ()1, 1977	- Dec 31	, 2008)	F	kanked Li	st of Or.	ganizati	lons with	1 or	More Pa	tents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
METTON AMERICA, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
MICROTRONIC A/S							_									
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	_	Ţ	5			J	5				·		·	5		-
MITSUBISHI OIL CO., LTD.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MOLI ENERGY (1990) LIMITED																
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
MONADNOCK LIFETIME PRODUCTS, INC.								_								
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	1	U	0	U	0	0	0	0	0	0	U	0	U	0	1
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MONSANTO TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
MOORE BUSINESS FORMS INC.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MORNING PRIDE MANUFACTURING, L.L.C.	0	•	0	^	<u>^</u>	0	0	^	<u>^</u>	0	0	-	0	0	0	1
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Patents By Year of Application:	U	U	U	U	U	U	U	U	T	U	U	U	U	U	U	T
MORTON INTERNATIONAL, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	F	Ranked Li	st of Or	rganizati	ons with	1 or	More Pa	tents
	D															
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
MORTON THIOKOL, INC.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0 0	1
Patents By Year of Application:	1	0	0	U	U	0	0	0	U	0	0	0	U	0	U	1
MULTI-TECH SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Merisol (RSA) (Proprietary) Limited																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
NAMIONAL GENIGONDIGMOD CORPORTON																
NATIONAL SEMICONDUCTOR CORPORATION Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NEW VENTURE GEAR, INC.																
Patents By Year of Grant:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NGK SPARK PLUG CO., LTD.		0	•	•	0	•	0	0	•	0	0	•	0	0	0	1
Patents By Year of Grant: Patents By Year of Application:	1	0	0 0	0	0	0	0	0	0 0	0	0	0	0	0	0	1
ratenes by rear of apprication.	-	U	Ū	U	Ū	U	Ū	U	U	Ū	Ū	U	U	U	U	-
NIHON NOHYAKU CO. LTD.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NITTO BOSEKI CO., LTD.	_		•				•		•	•	•		•			_
Patents By Year of Grant: Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 1
Fatence by fear of Application:	1	U	0	U	U	U	0	U	0	0	0	U	U	U	U	Ŧ
NORDSON CORPORATION																
Patents By Year of Grant:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NORFOLK SOUTHERN CORPORATION	-	-	_	_	_	_	_	-	_	_	_	-	_	-	-	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
NORTON COMPANY																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

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STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	d: Jan 0	1, 1977 -	- Dec 31,	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or	More Pat	cents
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
	1995	1995	1990	1997	1990	1999	2000	2001	2002	2003	2004	2005	2000	2007	2000	IUIAL
NOVARTIS AG (FORMERLY SANDOZ LTD.)																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
NUTRASWEET COMPANY																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OCCIDENTAL CHEMICAL CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OKI AMERICA, INC.																
Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OKURA YUSOKI KABUSHIKI KAISHA																
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
ORACLE CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
ORACLE INTERNATIONAL CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
OTIS ELEVATOR COMPANY																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PALL CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PENNSYLVANIA DEPARTMENT OF TRANSPORTA	TION															
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PHARMACIA & UPJOHN COMPANY																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	Ranked Li	st of Or	ganizati	ons with	1 or 1	More Pat	ents	
	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
PPG INDUSTRIES INC.																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
PROCESS LAB. MICRON CO., LTD.																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
PULLMAN, INCORPORATED																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
QUANTUM CHEMICAL CORPORATION																	
Patents By Year of Grant:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
R. J. REYNOLDS TOBACCO COMPANY																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
REVLON CONSUMER PRODUCTS CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
REYNOLDS METALS COMPANY																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
RHONE-POULENC CHEMICALS LTD.	1	•	•	•	•	•	•	•	•	•	•	•	•	•	0	-	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
RHONE-POULENC RORER PHARMACEUTICALS INC																_	
Patents By Year of Grant:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
RHONE-POULENC SECTEUR AGROCHIMIE	-				-	-		-						-		-	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
RICHARD WOLF GMBH																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

									_					_		
Organizational Patenting				(Grante	ea: Jan ()1, 1977	- Dec 31	, 2008)	F	kanked Li	st of Or.	ganizati	ons with.	1 or	More Pa	tents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
RICHARDSON CHEMICAL COMPANY																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ROGERS CORPORATION	-	•	•	•		•		•	•	•		•			•	-
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SANDIA CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	J.	Ţ		,	3		÷	-					·	5		_
SANDOZ AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
SCHUMANN SASOL (SOUTH AFRICA) (PROPR	IETARY) L	IMITED														
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
SEAGATE TECHNOLOGY, INCORPORATED	-	•	•		•	•		•	•		•	•			•	-
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	T	0	0	U	0	U	0	0	0	0	0	U	0	U	U	1
SEALED AIR CORPORATION (U.S.)																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
SEAQUIST CLOSURES FOREIGN, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
SEH AMERICA, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
SEMATECH, INC.	1	0	0	0	<u>^</u>	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	T	U	0	0	0	U	U	0	0	0	U	U	U	U	0	T
SEMICONDUCTOR ENERGY LABORATORY CO.,	LTD.															
Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

											-					
Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2008)	I	Ranked Li	st of Or	ganizati	ons with	1 or	More Pat	cents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
SHERWOOD SERVICES AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
SHIONOGI + CO. LTD.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SIEMENS VDO AUTOMOTIVE CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
SIMPSON STRONG-TIE COMPANY, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	-	2	3	-	-	-	-	-	2	2	2	-	-	-	-	-
SINCLAIR OIL CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
facence by fear of Appricacion.	-	Ū	U	U	U	U	v	Ū	U	U	U	U	U	U	U	-
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Fatences by leaf of Application:	U	U	U	U	U	U	U	U	-	U	U	U	U	U	U	1
SOLUTIA INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	U	0	U	0	1	U	U	U	U	U	0	U	U	U	U	T
CONVERTING																
SONY ELECTRONICS INC.	•	•	^	•	-	•	•	•	<u> </u>	•	<u>,</u>	•	•	•	<u> </u>	-
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
SOUTHWEST RESEARCH INSTITUTE	_									_		_				_
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
STANDARD OIL COMPANY																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
STERLING CHEMICALS, INC.																
Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1

 Technology	Assessment	and	Forecast	Report	

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

Press Pres Press Press	Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31,	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or 1	More Pat	ents
1995 1995 1997 1997 1997 1997 1997 2001 2001 2001 2005 2005 2007 2007 2008 TOTAL TATUME TO SUMMENT TO THE SUMMENT TO ALL SUMMENT																	
TAKING COMPUTED INCOMPORTED Heatened By Year of Agenitation: 0		Pre															
Pacente By Vaer of Grant: 0 <td></td> <td>1995</td> <td>1995</td> <td>1996</td> <td>1997</td> <td>1998</td> <td>1999</td> <td>2000</td> <td>2001</td> <td>2002</td> <td>2003</td> <td>2004</td> <td>2005</td> <td>2006</td> <td>2007</td> <td>2008</td> <td>TOTAL</td>		1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
Pacente By Var of Grant: 0 <td></td>																	
Patents by Year of Application: 1 0 <t< td=""><td>TANDEM COMPUTERS INCORPORATED</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	TANDEM COMPUTERS INCORPORATED																
TAKEYS GROUNDAL Normal Structure Value	Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Crant: 0 <td>Patents By Year of Application:</td> <td>1</td> <td>0</td> <td>1</td>	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Crant: 0 <td></td>																	
Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 1 0 1 THERMONE INC. 0	TARGUS GROUP INTERNATIONAL																
THERE IN: I	Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Patents By Year of Grant: 0 <td>Patents By Year of Application:</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td>	Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Patents By Year of Grant: 0 <td></td>																	
Patents By Year of Application: 0 <t< td=""><td>TEKTRONIX INC.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	TEKTRONIX INC.																
THEMANE INCREMENTING CO. LTC. THEMANE BY Test of Grant: 0	Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Patents By Year of Grant: 0 <td>Patents By Year of Application:</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td>	Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Patents By Year of Grant: 0 <td></td>																	
Patents by Year of Application: 1 0	TEXAS INSTRUMENTS, INCORPORATED																
TORMOR LY, LANDER LY,	Patents By Year of Grant:			0								0			0		
Patents By Year of Grant: 0 1 0 <td>Patents By Year of Application:</td> <td>1</td> <td>0</td> <td>1</td>	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 0 1 0 <td></td>																	
Patents By Year of Application: 1 0	TOKYO ROPE MANUFACTURING CO., LTD.																
TORMATCR CORPORATION I	Patents By Year of Grant:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 1 0<	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 1 0<																	
Patents By Year of Application: 1 0 <t< td=""><td>TOWMOTOR CORPORATION</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	TOWMOTOR CORPORATION																
TOYOTA JIDOSHA K.K. Patents By Year of Grant: 1 0 <td< td=""><td>Patents By Year of Grant:</td><td></td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td></td<>	Patents By Year of Grant:			0											0		
Patents By Year of Grant: 1 0<	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 <td></td>																	
Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 ULTRAPOINTE CORPORATION Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 UNISYS CORPORATION 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td></td>																	
ULTRAPOINTE CORPORATION I <td>-</td> <td></td>	-																
Patents By Year of Grant: 0 0 1 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 0 0 1 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0																	
Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 1 UNISYS CORPORATION Patents By Year of Grant: 0 0 0 0 0 0 0 0 1 1 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 <td></td>																	
UNISYS CORPORATION 9 0 0 0 0 0 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 1 1 1 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 0 0 0 1 0 1 0 1 Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 <td>Patents By Year of Application:</td> <td>1</td> <td>0</td> <td>1</td>	Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 <td></td>																	
Patents By Year of Application: 0 1 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0																	
UNITED TECHNOLOGIES CORPORATION Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 MANGNER SYSTEMS CORPORATION	-																
Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 WANGNER SYSTEMS CORPORATION Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1	Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 1 Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 WANGNER SYSTEMS CORPORATION Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1																	
Patents By Year of Application: 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 WANGNER SYSTEMS CORPORATION Patents By Year of Grant: 1 0 0 0 0 0 0 0 0 0 0 0 0 1		-	^	^	^	^	^	^	^	^	^	^	^	^	^	^	1
WANGNER SYSTEMS CORPORATIONPatents By Year of Grant:10000000001	_								-						-		
Patents By Year of Grant: 1 0 1	Patents By Year of Application:	T	U	U	U	U	U	U	U	U	U	U	U	U	U	U	T
Patents By Year of Grant: 1 0 1	WANGHED GUGERENG GODDODARTON																
•		-	^	^	^	^	^	^	^	^	^	^	^	^	^	^	1
	-					-	-		-	-			-		-		
	Fatents by rear of Application:	T	U	U	U	U	U	U	U	U	U	U	U	U	U	U	Ŧ

STATUTORY INVENTION REGISTRATIONS AND DEFENSIVE PUBLICATIONS, 1977-2008

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Page B - 24
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Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2008)	R	anked Li	st of Or	ganizati	ons with	1 or	More Pat	cents
	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
WHIRLPOOL CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ZYMOGENETICS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Other Organizations (0)																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0