

## 2022年のSDGs企業ランキング（米国特許商標庁）

目標	順位	出願人	スコア
2	1	MONSANTO TECHNOLOGY LLC	379.72
2	2	SAMSUNG ELECTRONICS CO., LTD.	186.32
2	3	PIONEER HI-BRED INTERNATIONAL, INC.	175.82
2	4	CNH INDUSTRIAL AMERICA LLC	156.49
2	5	DEERE & COMPANY	130.60
2	6	LG ELECTRONICS INC.	122.72
2	7	M.S. TECHNOLOGIES, L.L.C.	111.70
2	8	SYNGENTA CROP PROTECTION AG	98.29
2	9	WHIRLPOOL CORPORATION	92.32
2	10	HAIER US APPLIANCE SOLUTIONS, INC.	84.66
2	11	SOCIETE DES PRODUITS NESTLE S.A.	73.91
2	12	SEMINIS VEGETABLE SEEDS, INC.	63.34
2	13	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	55.27
2	14	ALTRIA CLIENT SERVICES LLC	52.89
2	15	HUAWEI TECHNOLOGIES CO., LTD.	50.05
2	16	STINE SEED FARM, INC.	45.57
2	17	BASF SE	44.32
2	18	QUALCOMM INCORPORATED	44.21
2	19	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	42.24
2	20	CARGILL, INCORPORATED	41.82
2	21	TOYOTA JIDOSHA KABUSHIKI KAISHA	40.73
2	22	INTEL CORPORATION	35.25
2	23	SHARKNINJA OPERATING LLC	33.59
2	24	DSM IP ASSETS B.V.	32.64
2	25	KWS SAAT SE & CO. KGAA	32.04
2	26	PRECISION PLANTING LLC	31.46
2	27	INTERNATIONAL BUSINESS MACHINES CORPORATION	30.88
2	28	MICRON TECHNOLOGY, INC.	30.32
2	29	KT&G CORPORATION	29.92
2	30	NOVOZYMES A/S	28.71
2	31	SYNGENTA PARTICIPATIONS AG	28.42
2	32	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	27.73
2	33	MIDEA GROUP CO., LTD.	27.32
2	34	HYUNDAI MOTOR COMPANY	27.27
2	35	KIA CORPORATION	27.24
2	36	JAPAN TOBACCO INC.	26.10
2	37	APPLE INC.	25.84
2	38	CLAAS SELBSTFAHRENDE ERNTEMASCHINEN GMBH	25.02
2	39	JIANGNAN UNIVERSITY	24.60
2	40	RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V.	24.40
2	41	GENERAL MILLS, INC.	24.16
2	42	NUNHEMS B.V.	23.55
2	43	BSH HAUSGERÄTE GMBH	23.21
2	44	SUNTORY HOLDINGS LIMITED	23.20
2	45	HONDA MOTOR CO., LTD.	23.16
2	46	DELL PRODUCTS L.P.	22.78
2	47	SAUDI ARABIAN OIL COMPANY	22.68
2	48	FIRMENICH SA	22.07
2	49	AJINOMOTO CO., INC.	21.30
2	50	X DEVELOPMENT LLC	21.15
2	51	KUBOTA CORPORATION	20.78
2	52	ZHEJIANG UNIVERSITY	20.57
2	53	AGCO INTERNATIONAL GMBH	20.21
2	54	BAYER AKTIENGESELLSCHAFT	20.19
2	55	MICROSOFT TECHNOLOGY LICENSING, LLC	20.03
2	56	NICOVENTURES TRADING LIMITED	19.97
2	57	EVOGENE LTD.	19.94

2	58	PHILIP MORRIS PRODUCTS S.A.	19.75
2	59	FUJIFILM CORPORATION	19.47
2	60	SUMITOMO CHEMICAL COMPANY, LIMITED	19.28
2	61	CANON KABUSHIKI KAISHA	19.27
2	62	CJ CHEILJEDANG CORPORATION	19.13
2	63	CLIMATE LLC	19.10
2	64	THE PROCTER & GAMBLE COMPANY	18.73
2	65	EMGENISYS, INC.	18.11
2	66	SONY GROUP CORPORATION	18.08
2	67	KONINKLIJKE PHILIPS N.V.	17.76
2	68	MARS, INCORPORATED	17.74
2	69	E. I. DU PONT DE NEMOURS AND COMPANY	17.14
2	70	GOOGLE LLC	17.12
2	71	YANMAR HOLDINGS CO., LTD.	16.87
2	72	LG ENERGY SOLUTION, LTD.	16.17
2	73	MERTEC, LLC	16.09
2	74	HM.CLAUSE, INC.	15.96
2	75	AGCO CORPORATION	15.66
2	76	NANJING CHERVON INDUSTRY CO., LTD.	15.40
2	77	TATA CONSULTANCY SERVICES LIMITED	15.37
2	78	GIVAUDAN SA	14.98
2	79	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	14.89
2	80	ROQUETTE FRERES	14.70
2	81	PROVISUR TECHNOLOGIES, INC.	14.43
2	82	FUJI OIL HOLDINGS INC.	14.33
2	83	SAMSUNG DISPLAY CO., LTD.	14.29
2	84	MILWAUKEE ELECTRIC TOOL CORPORATION	13.94
2	85	CLAAS TRACTOR SAS	13.93
2	86	MIZKAN HOLDINGS CO., LTD.	13.88
2	87	MINERAL EARTH SCIENCES LLC	13.62
2	88	PAIRWISE PLANTS SERVICES, INC.	13.49
2	89	KABUSHIKI KAISHA TOSHIBA	13.44
2	90	PEPSICO, INC.	13.34
2	91	VORWERK & CO. INTERHOLDING GMBH	13.22
2	92	VIVO MOBILE COMMUNICATION CO., LTD.	12.98
2	93	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	12.94
2	94	AT&T INTELLECTUAL PROPERTY I, L.P.	12.80
2	95	THE HILLSHIRE BRANDS COMPANY	12.79
2	96	JIANGSU UNIVERSITY	12.60
2	97	CORTEVA AGRISCIENCE LLC	12.50
2	98	HAIER SMART HOME CO., LTD.	12.26
2	99	ANHUI AGRICULTURAL UNIVERSITY	12.24
2	100	KIOXIA CORPORATION	12.19
3	1	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	541.30
3	2	BOSTON SCIENTIFIC SCIMED, INC.	478.05
3	3	FUJIFILM CORPORATION	464.09
3	4	COVIDIEN LP	388.93
3	5	SIEMENS HEALTHCARE GMBH	379.70
3	6	KONINKLIJKE PHILIPS N.V.	349.58
3	7	SAMSUNG ELECTRONICS CO., LTD.	338.08
3	8	OLYMPUS CORPORATION	329.94
3	9	CILAG GMBH INTERNATIONAL	323.84
3	10	BECTON, DICKINSON AND COMPANY	316.43
3	11	CANON MEDICAL SYSTEMS CORPORATION	311.61
3	12	MEDTRONIC, INC.	283.43
3	13	REGENERON PHARMACEUTICALS, INC.	248.05
3	14	STRYKER CORPORATION	246.48
3	15	TERUMO KABUSHIKI KAISHA	233.75
3	16	EDWARDS LIFESCIENCES CORPORATION	226.48

3	17	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	214.67
3	18	HOFFMANN-LA ROCHE INC.	213.66
3	19	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	210.78
3	20	GE PRECISION HEALTHCARE LLC	207.72
3	21	SHANGHAI UNITED IMAGING HEALTHCARE CO., LTD.	193.89
3	22	GENENTECH, INC.	190.44
3	23	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	176.63
3	24	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	171.72
3	25	BIOSENSE WEBSTER (ISRAEL) LTD.	166.77
3	26	INTUITIVE SURGICAL OPERATIONS, INC.	164.88
3	27	ALCON INC.	159.65
3	28	GLOBUS MEDICAL, INC.	158.69
3	29	THE GENERAL HOSPITAL CORPORATION	156.51
3	30	THE PROCTER & GAMBLE COMPANY	152.18
3	31	THE JOHNS HOPKINS UNIVERSITY	143.89
3	32	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	143.29
3	33	COLGATE-PALMOLIVE COMPANY	135.84
3	34	IMMATIC BIOTECHNOLOGIES GMBH	132.20
3	35	ILLUMINA, INC.	129.93
3	36	NOVARTIS AG	129.15
3	37	APPLE INC.	129.00
3	38	ALIGN TECHNOLOGY, INC.	128.11
3	39	ABBOTT DIABETES CARE INC.	126.59
3	40	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	126.25
3	41	SMITH & NEPHEW, INC.	125.63
3	42	DUKE UNIVERSITY	122.56
3	43	INTERNATIONAL BUSINESS MACHINES CORPORATION	122.50
3	44	DEPUY SYNTHES PRODUCTS, INC.	121.06
3	45	RESMED PTY LTD	117.11
3	46	BRISTOL-MYERS SQUIBB COMPANY	114.40
3	47	AMGEN INC.	113.70
3	48	NORTHWESTERN UNIVERSITY	111.69
3	49	DEXCOM, INC.	110.55
3	50	REGENTS OF THE UNIVERSITY OF MINNESOTA	108.81
3	51	ACUSHNET COMPANY	108.34
3	52	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	107.13
3	53	CANON KABUSHIKI KAISHA	106.46
3	54	10X GENOMICS, INC.	106.03
3	55	L'OREAL	104.50
3	56	BARD ACCESS SYSTEMS, INC.	103.94
3	57	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	102.75
3	58	SONY GROUP CORPORATION	101.62
3	59	WASHINGTON UNIVERSITY	100.01
3	60	UNIVERSITY OF WASHINGTON	98.29
3	61	MEMORIAL SLOAN KETTERING CANCER CENTER	98.14
3	62	SANOFI	97.50
3	63	CAREFUSION 303, INC.	97.42
3	64	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	94.47
3	65	WISCONSIN ALUMNI RESEARCH FOUNDATION	93.72
3	66	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	92.94
3	67	CORNELL UNIVERSITY	92.32
3	68	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	92.08
3	69	PURDUE RESEARCH FOUNDATION	90.97
3	70	ALTRIA CLIENT SERVICES LLC	89.64
3	71	WARSAW ORTHOPEDIC, INC.	89.55
3	72	3M INNOVATIVE PROPERTIES COMPANY	87.86
3	73	OLYMPUS MEDICAL SYSTEMS CORP.	87.46
3	74	FISHER & PAYKEL HEALTHCARE LIMITED	86.93
3	75	TOYOTA JIDOSHA KABUSHIKI KAISHA	86.38

3	76	MICROSOFT TECHNOLOGY LICENSING, LLC	86.13
3	77	CALIFORNIA INSTITUTE OF TECHNOLOGY	85.76
3	78	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE	83.18
3	79	JANSSEN BIOTECH, INC.	82.52
3	80	MERCK SHARP & DOHME LLC	81.94
3	81	ELI LILLY AND COMPANY	79.96
3	82	UNIVERSITY OF MASSACHUSETTS	79.34
3	83	ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY	79.14
3	84	HUAWEI TECHNOLOGIES CO., LTD.	79.13
3	85	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	78.90
3	86	YALE UNIVERSITY	78.55
3	87	THE BROAD INSTITUTE, INC.	77.61
3	88	NOVOCURE GMBH	77.51
3	89	SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION	77.06
3	90	WRIGHT MEDICAL TECHNOLOGY, INC.	76.77
3	91	CASE WESTERN RESERVE UNIVERSITY	76.77
3	92	DANA-FARBER CANCER INSTITUTE, INC.	76.09
3	93	GLAXOSMITHKLINE BIOLOGICALS SA	76.04
3	94	GOOGLE LLC	75.93
3	95	NICOVENTURES TRADING LIMITED	75.73
3	96	LIFE TECHNOLOGIES CORPORATION	75.40
3	97	ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC.	75.27
3	98	ROCHE DIAGNOSTICS OPERATIONS, INC.	74.46
3	99	SYSMEX CORPORATION	73.79
3	100	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	73.74
6	1	SAMSUNG ELECTRONICS CO., LTD.	141.00
6	2	SAUDI ARABIAN OIL COMPANY	115.54
6	3	LG ELECTRONICS INC.	109.84
6	4	HALLIBURTON ENERGY SERVICES, INC.	68.33
6	5	WHIRLPOOL CORPORATION	64.11
6	6	HAIER US APPLIANCE SOLUTIONS, INC.	63.22
6	7	SEIKO EPSON CORPORATION	55.98
6	8	CANON KABUSHIKI KAISHA	55.76
6	9	KOHLER CO.	54.54
6	10	BROTHER KOGYO KABUSHIKI KAISHA	46.56
6	11	HUAWEI TECHNOLOGIES CO., LTD.	42.41
6	12	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	42.06
6	13	QUALCOMM INCORPORATED	40.68
6	14	TOYOTA JIDOSHA KABUSHIKI KAISHA	38.61
6	15	HYUNDAI MOTOR COMPANY	38.46
6	16	KIA CORPORATION	38.07
6	17	TOTO LTD.	27.55
6	18	DAIKIN INDUSTRIES, LTD.	27.54
6	19	INTEL CORPORATION	27.47
6	20	FUJIFILM CORPORATION	24.80
6	21	SEMES CO., LTD.	23.53
6	22	APPLE INC.	23.12
6	23	HONDA MOTOR CO., LTD.	21.22
6	24	INTERNATIONAL BUSINESS MACHINES CORPORATION	20.90
6	25	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	20.71
6	26	SAMSUNG DISPLAY CO., LTD.	20.68
6	27	SCHLUMBERGER TECHNOLOGY CORPORATION	20.32
6	28	MICRON TECHNOLOGY, INC.	19.89
6	29	DELL PRODUCTS L.P.	18.91
6	30	ECOLAB USA INC.	18.84
6	31	AS AMERICA, INC.	18.73
6	32	THE PROCTER & GAMBLE COMPANY	18.08
6	33	HAIER SMART HOME CO., LTD.	17.87
6	34	EVOQUA WATER TECHNOLOGIES LLC	17.04

6	35	DENSO CORPORATION	17.00
6	36	FORD GLOBAL TECHNOLOGIES, LLC	15.57
6	37	HAMILTON SUNDRAND CORPORATION	15.49
6	38	MURATA MANUFACTURING CO., LTD.	15.13
6	39	KABUSHIKI KAISHA TOSHIBA	15.01
6	40	MICROSOFT TECHNOLOGY LICENSING, LLC	15.00
6	41	BAKER HUGHES OILFIELD OPERATIONS LLC	14.95
6	42	LG ENERGY SOLUTION, LTD.	14.76
6	43	SONY GROUP CORPORATION	14.40
6	44	CUMMINS FILTRATION IP, INC.	14.32
6	45	KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS	13.71
6	46	ROBERT BOSCH GMBH	13.59
6	47	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	13.56
6	48	GOOGLE LLC	12.77
6	49	MIDEA GROUP CO., LTD.	12.66
6	50	RHEEM MANUFACTURING COMPANY	12.18
6	51	THE BOEING COMPANY	12.13
6	52	GENERAL ELECTRIC COMPANY	11.91
6	53	BOE TECHNOLOGY GROUP CO., LTD.	11.57
6	54	MANN+HUMMEL GMBH	11.56
6	55	VIVO MOBILE COMMUNICATION CO., LTD.	11.48
6	56	KYOCERA DOCUMENT SOLUTIONS INC.	11.45
6	57	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	11.28
6	58	APPLIED MATERIALS, INC.	11.24
6	59	IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY	10.91
6	60	ZODIAC POOL CARE EUROPE	10.75
6	61	PETRÓLEO BRASILEIRO S.A. - PETROBRAS	10.56
6	62	HONEYWELL INTERNATIONAL INC.	10.42
6	63	PARKER-HANNIFIN CORPORATION	10.32
6	64	AT&T INTELLECTUAL PROPERTY I, L.P.	10.17
6	65	ZTE CORPORATION	10.11
6	66	GM GLOBAL TECHNOLOGY OPERATIONS LLC	10.02
6	67	SOURCE GLOBAL, PBC	9.90
6	68	FUJITSU LIMITED	9.90
6	69	B/E AEROSPACE, INC.	9.87
6	70	KIOXIA CORPORATION	9.82
6	71	ORGANO CORPORATION	9.65
6	72	CAREFUSION 303, INC.	9.63
6	73	ABB SCHWEIZ AG	9.59
6	74	CHANGXIN MEMORY TECHNOLOGIES, INC.	9.58
6	75	CISCO TECHNOLOGY, INC.	9.49
6	76	ILLUMINA, INC.	9.25
6	77	TOKYO ELECTRON LIMITED	9.18
6	78	SHARKNINJA OPERATING LLC	9.05
6	79	COWAY CO., LTD.	9.00
6	80	SHANGHAI KOHLER ELECTRONICS, LTD.	9.00
6	81	ILLINOIS TOOL WORKS INC.	8.90
6	82	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	8.85
6	83	REPLIGEN CORPORATION	8.58
6	84	HITACHI HIGH-TECH CORPORATION	8.56
6	85	HYUNDAI MOBIS CO., LTD.	8.50
6	86	TEXAS INSTRUMENTS INCORPORATED	8.45
6	87	BATTELLE MEMORIAL INSTITUTE	8.40
6	88	DONALDSON COMPANY, INC.	8.35
6	89	LG DISPLAY CO., LTD.	8.35
6	90	GOODRICH CORPORATION	8.23
6	91	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	8.18
6	92	BJ ENERGY SOLUTIONS, LLC	8.14
6	93	SK HYNIX INC.	8.09

6	94	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	8.09
6	95	BECTON, DICKINSON AND COMPANY	8.08
6	96	ENTEGRIS, INC.	7.79
6	97	mitsubishi heavy industries, LTD.	7.78
6	98	MITSUBISHI ELECTRIC CORPORATION	7.70
6	99	YOKOGAWA ELECTRIC CORPORATION	7.69
6	100	OCTOPUS ENERGY HEATING LIMITED	7.63
7	1	SAMSUNG ELECTRONICS CO., LTD.	1457.51
7	2	SAMSUNG DISPLAY CO., LTD.	1296.90
7	3	TOYOTA JIDOSHA KABUSHIKI KAISHA	1108.90
7	4	LG ENERGY SOLUTION, LTD.	1089.16
7	5	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	962.28
7	6	HYUNDAI MOTOR COMPANY	822.87
7	7	KIA CORPORATION	820.75
7	8	MURATA MANUFACTURING CO., LTD.	574.56
7	9	LG DISPLAY CO., LTD.	552.70
7	10	INTEL CORPORATION	532.91
7	11	BOE TECHNOLOGY GROUP CO., LTD.	527.15
7	12	MICRON TECHNOLOGY, INC.	447.31
7	13	HONDA MOTOR CO., LTD.	440.83
7	14	CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED	408.62
7	15	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	402.84
7	16	DENSO CORPORATION	394.11
7	17	GM GLOBAL TECHNOLOGY OPERATIONS LLC	392.85
7	18	TDK CORPORATION	390.34
7	19	APPLE INC.	378.43
7	20	GENERAL ELECTRIC COMPANY	359.10
7	21	FORD GLOBAL TECHNOLOGIES, LLC	347.57
7	22	HUAWEI TECHNOLOGIES CO., LTD.	342.27
7	23	KABUSHIKI KAISHA TOSHIBA	323.66
7	24	CANON KABUSHIKI KAISHA	321.55
7	25	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	300.85
7	26	SAMSUNG ELECTRO-MECHANICS CO., LTD.	292.85
7	27	SONY SEMICONDUCTOR SOLUTIONS CORPORATION	288.60
7	28	JAPAN DISPLAY INC.	285.85
7	29	INTERNATIONAL BUSINESS MACHINES CORPORATION	281.08
7	30	TEXAS INSTRUMENTS INCORPORATED	268.51
7	31	SAMSUNG SDI CO., LTD.	267.64
7	32	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	267.54
7	33	INNOLUX CORPORATION	260.08
7	34	FUJIFILM CORPORATION	247.94
7	35	PRIME PLANET ENERGY & SOLUTIONS, INC.	247.56
7	36	NINGDE AMPEREX TECHNOLOGY LIMITED	240.69
7	37	QUALCOMM INCORPORATED	231.14
7	38	ROBERT BOSCH GMBH	230.70
7	39	NICHIA CORPORATION	216.71
7	40	RAYTHEON TECHNOLOGIES CORPORATION	211.93
7	41	LG ELECTRONICS INC.	207.12
7	42	SEIKO EPSON CORPORATION	199.21
7	43	SK ON CO., LTD.	185.18
7	44	HAMILTON SUNDSTRAND CORPORATION	179.99
7	45	SK HYNIX INC.	175.21
7	46	DELL PRODUCTS L.P.	171.32
7	47	MITSUBISHI ELECTRIC CORPORATION	169.47
7	48	STMICROELECTRONICS S.R.L.	168.48
7	49	CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.	168.32
7	50	KIOXIA CORPORATION	167.41
7	51	SKYWORKS SOLUTIONS, INC.	157.95
7	52	INFINEON TECHNOLOGIES AG	154.22

7	53	FUJI ELECTRIC CO., LTD.	153.50
7	54	SONY GROUP CORPORATION	149.83
7	55	SUMITOMO ELECTRIC INDUSTRIES, LTD.	147.43
7	56	RIVIAN IP HOLDINGS, LLC	147.40
7	57	ABB SCHWEIZ AG	143.12
7	58	CHANGXIN MEMORY TECHNOLOGIES, INC.	140.46
7	59	APPLIED MATERIALS, INC.	135.40
7	60	HYUNDAI MOBIS CO., LTD.	134.52
7	61	ROLLS-ROYCE PLC	134.08
7	62	MICROSOFT TECHNOLOGY LICENSING, LLC	133.58
7	63	YAZAKI CORPORATION	128.15
7	64	GOOGLE LLC	127.89
7	65	EATON INTELLIGENT POWER LIMITED	127.33
7	66	BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	126.94
7	67	SUMITOMO WIRING SYSTEMS, LTD.	125.73
7	68	ROHM CO., LTD.	124.46
7	69	DAIKIN INDUSTRIES, LTD.	117.68
7	70	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC	112.02
7	71	LUTRON TECHNOLOGY COMPANY LLC	110.41
7	72	HONOR DEVICE CO., LTD.	107.82
7	73	LG CHEM, LTD.	106.43
7	74	BETA AIR, LLC	104.25
7	75	NIDEC CORPORATION	100.80
7	76	DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT	99.52
7	77	DELTA ELECTRONICS, INC.	97.97
7	78	UNITED MICROELECTRONICS CORP.	97.69
7	79	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	97.49
7	80	AUDI AG	93.31
7	81	VOLVO TRUCK CORPORATION	91.35
7	82	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION	90.53
7	83	THE BOEING COMPANY	87.87
7	84	TAIYO YUDEN CO., LTD.	86.47
7	85	LG INNOTEK CO., LTD.	85.47
7	86	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	83.02
7	87	CIRRUS LOGIC INTERNATIONAL SEMICONDUCTOR LTD.	82.20
7	88	SIEMENS AKTIENGESELLSCHAFT	82.09
7	89	VOLVO CAR CORPORATION	81.66
7	90	MAHLE INTERNATIONAL GMBH	81.40
7	91	MILWAUKEE ELECTRIC TOOL CORPORATION	81.03
7	92	LUMILEDS LLC	80.60
7	93	SUBARU CORPORATION	80.12
7	94	SCHAEFFLER TECHNOLOGIES AG & CO. KG	79.62
7	95	WESTERN DIGITAL TECHNOLOGIES, INC.	79.28
7	96	VIVO MOBILE COMMUNICATION CO., LTD.	78.89
7	97	ZF FRIEDRICHSHAFEN AG	78.73
7	98	AUTONETWORKS TECHNOLOGIES, LTD.	76.50
7	99	TOKYO ELECTRON LIMITED	74.80
7	100	GLOBALFOUNDRIES U.S. INC.	74.00
8	1	TOYOTA JIDOSHA KABUSHIKI KAISHA	582.28
8	2	CANON KABUSHIKI KAISHA	395.84
8	3	SAMSUNG ELECTRONICS CO., LTD.	391.40
8	4	CAPITAL ONE SERVICES, LLC	346.59
8	5	HYUNDAI MOTOR COMPANY	302.12
8	6	KIA CORPORATION	300.15
8	7	HONDA MOTOR CO., LTD.	245.30
8	8	INTERNATIONAL BUSINESS MACHINES CORPORATION	244.20
8	9	SEIKO EPSON CORPORATION	232.08
8	10	LG ENERGY SOLUTION, LTD.	212.34
8	11	TOSHIBA TEC KABUSHIKI KAISHA	204.79

8	12	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	202.30
8	13	BROTHER KOGYO KABUSHIKI KAISHA	173.41
8	14	MAKITA CORPORATION	159.94
8	15	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	157.14
8	16	FUJIFILM BUSINESS INNOVATION CORP.	151.17
8	17	HUAWEI TECHNOLOGIES CO., LTD.	149.64
8	18	DELL PRODUCTS L.P.	141.96
8	19	THE BOEING COMPANY	139.04
8	20	SAMSUNG DISPLAY CO., LTD.	138.26
8	21	KABUSHIKI KAISHA TOSHIBA	137.95
8	22	APPLE INC.	134.31
8	23	MICROSOFT TECHNOLOGY LICENSING, LLC	133.17
8	24	FUJIFILM CORPORATION	132.50
8	25	FORD GLOBAL TECHNOLOGIES, LLC	131.53
8	26	MILWAUKEE ELECTRIC TOOL CORPORATION	128.56
8	27	KYOCERA DOCUMENT SOLUTIONS INC.	126.68
8	28	INTEL CORPORATION	124.15
8	29	WALMART APOLLO, LLC	123.18
8	30	GM GLOBAL TECHNOLOGY OPERATIONS LLC	119.49
8	31	QUALCOMM INCORPORATED	119.08
8	32	ROBERT BOSCH GMBH	115.00
8	33	BANK OF AMERICA CORPORATION	113.84
8	34	FUJITSU LIMITED	113.76
8	35	STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY	113.75
8	36	MASTERCARD INTERNATIONAL INCORPORATED	113.21
8	37	DENSO CORPORATION	106.33
8	38	SONY GROUP CORPORATION	99.89
8	39	VISA INTERNATIONAL SERVICE ASSOCIATION	98.80
8	40	GOOGLE LLC	95.83
8	41	LG ELECTRONICS INC.	95.50
8	42	NEC CORPORATION	90.61
8	43	HYUNDAI MOBIS CO., LTD.	88.34
8	44	MURATA MANUFACTURING CO., LTD.	87.73
8	45	JPMORGAN CHASE BANK, N.A.	85.69
8	46	MICRON TECHNOLOGY, INC.	84.72
8	47	HITACHI, LTD.	80.35
8	48	ILLINOIS TOOL WORKS INC.	79.58
8	49	BLOCK, INC.	79.41
8	50	AT&T INTELLECTUAL PROPERTY I, L.P.	78.46
8	51	DISCO CORPORATION	76.33
8	52	FANUC CORPORATION	74.81
8	53	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	71.50
8	54	CATERPILLAR INC.	71.34
8	55	APPLIED MATERIALS, INC.	68.80
8	56	mitsubishi electric corporation	68.06
8	57	CHICAGO MERCANTILE EXCHANGE INC.	66.18
8	58	WORLDPAY, LLC	63.41
8	59	CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED	62.72
8	60	GENERAL ELECTRIC COMPANY	62.16
8	61	PAYPAL, INC.	59.85
8	62	THE TORONTO-DOMINION BANK	59.71
8	63	EBAY INC.	57.71
8	64	KONICA MINOLTA, INC.	57.39
8	65	BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO., LTD.	56.55
8	66	HONEYWELL INTERNATIONAL INC.	56.34
8	67	ORACLE INTERNATIONAL CORPORATION	55.91
8	68	BOE TECHNOLOGY GROUP CO., LTD.	55.07
8	69	DEERE & COMPANY	54.55
8	70	MAPLEBEAR INC. (DBA INSTACART)	54.25



8	71	NCR CORPORATION	54.22
8	72	TDK CORPORATION	52.79
8	73	SAUDI ARABIAN OIL COMPANY	52.44
8	74	ALLSTATE INSURANCE COMPANY	52.35
8	75	GROUPON, INC.	51.26
8	76	SIEMENS AKTIENGESELLSCHAFT	51.23
8	77	SAP SE	49.93
8	78	OMRON CORPORATION	49.29
8	79	NIKE, INC.	49.12
8	80	SUBARU CORPORATION	49.10
8	81	SEMES CO., LTD.	48.81
8	82	MAX CO., LTD.	48.56
8	83	TRUIST BANK	48.24
8	84	LG DISPLAY CO., LTD.	47.69
8	85	ABB SCHWEIZ AG	46.52
8	86	PRIME PLANET ENERGY & SOLUTIONS, INC.	46.37
8	87	ZEBRA TECHNOLOGIES CORPORATION	45.53
8	88	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	45.48
8	89	BLACK & DECKER INC.	45.22
8	90	AUTOSTORE TECHNOLOGY AS	45.20
8	91	ROCKWELL AUTOMATION TECHNOLOGIES, INC.	45.10
8	92	TARGET BRANDS, INC.	44.76
8	93	CHANGXIN MEMORY TECHNOLOGIES, INC.	44.04
8	94	GLORY LTD.	43.18
8	95	RICOH COMPANY, LTD.	43.04
8	96	KUBOTA CORPORATION	42.88
8	97	BOSTON DYNAMICS, INC.	42.64
8	98	SAMSUNG ELECTRO-MECHANICS CO., LTD.	42.25
8	99	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	41.81
8	100	SAMSUNG SDI CO., LTD.	41.60
9	1	SAMSUNG ELECTRONICS CO., LTD.	6256.60
9	2	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	4043.93
9	3	HUAWEI TECHNOLOGIES CO., LTD.	3301.31
9	4	QUALCOMM INCORPORATED	3067.19
9	5	INTEL CORPORATION	2420.30
9	6	MICRON TECHNOLOGY, INC.	2110.21
9	7	INTERNATIONAL BUSINESS MACHINES CORPORATION	1721.32
9	8	DELL PRODUCTS L.P.	1721.19
9	9	APPLE INC.	1703.06
9	10	MICROSOFT TECHNOLOGY LICENSING, LLC	1514.60
9	11	SAMSUNG DISPLAY CO., LTD.	1326.90
9	12	LG ELECTRONICS INC.	1255.10
9	13	GOOGLE LLC	1223.04
9	14	CANON KABUSHIKI KAISHA	928.80
9	15	VIVO MOBILE COMMUNICATION CO., LTD.	913.47
9	16	AT&T INTELLECTUAL PROPERTY I, L.P.	899.06
9	17	KIOXIA CORPORATION	878.99
9	18	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	868.20
9	19	SK HYNIX INC.	833.99
9	20	CHANGXIN MEMORY TECHNOLOGIES, INC.	825.08
9	21	CISCO TECHNOLOGY, INC.	775.57
9	22	SONY GROUP CORPORATION	735.09
9	23	TENCENT AMERICA LLC	698.73
9	24	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	698.28
9	25	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	686.84
9	26	BOE TECHNOLOGY GROUP CO., LTD.	680.23
9	27	ZTE CORPORATION	678.64
9	28	CAPITAL ONE SERVICES, LLC	649.84
9	29	FUJITSU LIMITED	641.90

9	30	VMWARE, INC.	620.98
9	31	ORACLE INTERNATIONAL CORPORATION	605.24
9	32	BANK OF AMERICA CORPORATION	569.05
9	33	TEXAS INSTRUMENTS INCORPORATED	547.91
9	34	LG DISPLAY CO., LTD.	529.86
9	35	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	497.02
9	36	APPLIED MATERIALS, INC.	494.12
9	37	KABUSHIKI KAISHA TOSHIBA	479.14
9	38	TOKYO ELECTRON LIMITED	457.81
9	39	NEC CORPORATION	430.07
9	40	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	429.86
9	41	NOKIA TECHNOLOGIES OY	424.43
9	42	VERIZON PATENT AND LICENSING INC.	418.83
9	43	BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO., LTD.	415.00
9	44	SAP SE	409.95
9	45	OFINNO, LLC	407.43
9	46	JAPAN DISPLAY INC.	379.81
9	47	FUJIFILM CORPORATION	374.45
9	48	mitsubishi electric corporation	364.98
9	49	ARRIS ENTERPRISES LLC	360.88
9	50	WESTERN DIGITAL TECHNOLOGIES, INC.	353.73
9	51	NVIDIA CORPORATION	348.57
9	52	HONOR DEVICE CO., LTD.	344.84
9	53	NANYA TECHNOLOGY CORPORATION	337.12
9	54	UNITED MICROELECTRONICS CORP.	325.73
9	55	MEDIATEK INC.	323.61
9	56	BYTEDANCE INC.	311.08
9	57	AMAZON TECHNOLOGIES, INC.	310.13
9	58	TOYOTA JIDOSHA KABUSHIKI KAISHA	306.69
9	59	YANGTZE MEMORY TECHNOLOGIES CO., LTD.	306.47
9	60	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	302.41
9	61	SNAP INC.	301.39
9	62	COMCAST CABLE COMMUNICATIONS, LLC	298.22
9	63	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	291.95
9	64	ADVANCED MICRO DEVICES, INC.	284.20
9	65	SHARP KABUSHIKI KAISHA	282.70
9	66	RED HAT, INC.	279.89
9	67	COMMSCOPE TECHNOLOGIES LLC	276.91
9	68	REALTEK SEMICONDUCTOR CORP.	276.02
9	69	ROVI GUIDES, INC.	263.26
9	70	PURE STORAGE, INC.	254.63
9	71	SEIKO EPSON CORPORATION	254.14
9	72	HEWLETT PACKARD ENTERPRISE DEVELOPMENT LP	251.52
9	73	T-MOBILE USA, INC.	247.30
9	74	MURATA MANUFACTURING CO., LTD.	243.28
9	75	HITACHI, LTD.	241.60
9	76	INTERDIGITAL PATENT HOLDINGS, INC.	239.33
9	77	INFINEON TECHNOLOGIES AG	237.86
9	78	LENOVO (SINGAPORE) PTE. LTD.	237.38
9	79	FUJI ELECTRIC CO., LTD.	236.23
9	80	META PLATFORMS TECHNOLOGIES, LLC	231.87
9	81	ADOBE INC.	231.08
9	82	ROBERT BOSCH GMBH	227.06
9	83	SANDISK TECHNOLOGIES LLC	221.21
9	84	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	211.82
9	85	T-MOBILE INNOVATIONS LLC	208.37
9	86	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC	207.54
9	87	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION	207.03
9	88	FUJIFILM BUSINESS INNOVATION CORP.	204.87

9	89	INNOLUX CORPORATION	203.21
9	90	STMICROELECTRONICS S.R.L.	202.68
9	91	SAMSUNG ELECTRO-MECHANICS CO., LTD.	198.23
9	92	JUNIPER NETWORKS, INC.	194.83
9	93	SONY SEMICONDUCTOR SOLUTIONS CORPORATION	193.96
9	94	JPMORGAN CHASE BANK, N.A.	193.80
9	95	RAKUTEN MOBILE, INC.	193.51
9	96	CITRIX SYSTEMS, INC.	191.82
9	97	ZOOM VIDEO COMMUNICATIONS, INC.	190.68
9	98	DENSO CORPORATION	187.85
9	99	SUMITOMO ELECTRIC INDUSTRIES, LTD.	184.91
9	100	CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.	184.54
11	1	TOYOTA JIDOSHA KABUSHIKI KAISHA	2070.61
11	2	HYUNDAI MOTOR COMPANY	1475.16
11	3	KIA CORPORATION	1469.87
11	4	HONDA MOTOR CO., LTD.	855.96
11	5	FORD GLOBAL TECHNOLOGIES, LLC	790.39
11	6	HYUNDAI MOBIS CO., LTD.	729.15
11	7	SAMSUNG ELECTRONICS CO., LTD.	535.93
11	8	GM GLOBAL TECHNOLOGY OPERATIONS LLC	513.45
11	9	DENSO CORPORATION	419.04
11	10	HUAWEI TECHNOLOGIES CO., LTD.	410.26
11	11	THE BOEING COMPANY	398.34
11	12	ROBERT BOSCH GMBH	376.89
11	13	QUALCOMM INCORPORATED	335.88
11	14	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	307.94
11	15	SUBARU CORPORATION	304.58
11	16	APPLE INC.	252.45
11	17	NIKE, INC.	248.90
11	18	GM CRUISE HOLDINGS LLC	246.52
11	19	BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	223.24
11	20	CANON KABUSHIKI KAISHA	222.18
11	21	SAUDI ARABIAN OIL COMPANY	209.54
11	22	LG ELECTRONICS INC.	201.85
11	23	MAZDA MOTOR CORPORATION	198.42
11	24	SONY GROUP CORPORATION	192.71
11	25	TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	192.64
11	26	HONEYWELL INTERNATIONAL INC.	190.52
11	27	INTERNATIONAL BUSINESS MACHINES CORPORATION	181.44
11	28	STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY	174.12
11	29	INTEL CORPORATION	173.08
11	30	AISIN CORPORATION	166.49
11	31	BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO., LTD.	165.49
11	32	mitsubishi electric corporation	163.97
11	33	HALLIBURTON ENERGY SERVICES, INC.	161.08
11	34	RIVIAN IP HOLDINGS, LLC	159.77
11	35	SUMITOMO RUBBER INDUSTRIES, LTD.	159.04
11	36	VOLVO TRUCK CORPORATION	153.76
11	37	WAYMO LLC	150.77
11	38	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	150.09
11	39	GOOGLE LLC	149.82
11	40	FUJIFILM CORPORATION	148.34
11	41	APTIV TECHNOLOGIES LIMITED	144.85
11	42	JOHNSON CONTROLS TYCO IP HOLDINGS LLP	135.29
11	43	HERE GLOBAL B.V.	133.18
11	44	VOLKSWAGEN AKTIENGESELLSCHAFT	129.87
11	45	MANDO CORPORATION	120.38
11	46	NVIDIA CORPORATION	120.27
11	47	NEC CORPORATION	120.01

11	48	TOYOTA RESEARCH INSTITUTE, INC.	119.39
11	49	MAGNA ELECTRONICS INC.	116.69
11	50	VOLVO CAR CORPORATION	116.03
11	51	AT&T INTELLECTUAL PROPERTY I, L.P.	114.47
11	52	BETA AIR, LLC	114.28
11	53	APOLLO INTELLIGENT CONNECTIVITY (BEIJING) TECHNOLOGY CO., LTD.	113.98
11	54	MICROSOFT TECHNOLOGY LICENSING, LLC	113.97
11	55	YAMAHA HATSUDOKI KABUSHIKI KAISHA	113.50
11	56	KUBOTA CORPORATION	113.39
11	57	HITACHI ASTEMO, LTD.	111.84
11	58	OSHKOSH CORPORATION	111.00
11	59	DEERE & COMPANY	106.65
11	60	ZF FRIEDRICHSHAFEN AG	105.29
11	61	DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT	103.43
11	62	MOTIONAL AD LLC	102.67
11	63	SEIKO EPSON CORPORATION	101.46
11	64	HELLA GMBH & CO. KGAA	100.14
11	65	CORETRONIC CORPORATION	98.61
11	66	MICRON TECHNOLOGY, INC.	98.42
11	67	CATERPILLAR INC.	95.74
11	68	WONDERLAND SWITZERLAND AG	92.70
11	69	DELL PRODUCTS L.P.	92.67
11	70	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	91.95
11	71	GOODRICH CORPORATION	90.21
11	72	POLARIS INDUSTRIES INC.	82.29
11	73	GENERAL ELECTRIC COMPANY	81.04
11	74	OTIS ELEVATOR COMPANY	80.21
11	75	CAPITAL ONE SERVICES, LLC	79.70
11	76	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	79.25
11	77	SAMSUNG DISPLAY CO., LTD.	78.41
11	78	ALLSTATE INSURANCE COMPANY	78.23
11	79	TEXTRON INNOVATIONS INC.	77.92
11	80	ILLINOIS TOOL WORKS INC.	77.39
11	81	AIRBUS OPERATIONS GMBH	76.98
11	82	KABUSHIKI KAISHA TOSHIBA	74.81
11	83	THE GOODYEAR TIRE & RUBBER COMPANY	74.60
11	84	SUMITOMO WIRING SYSTEMS, LTD.	74.37
11	85	NISSAN NORTH AMERICA, INC.	72.35
11	86	SCHLUMBERGER TECHNOLOGY CORPORATION	71.65
11	87	AUDI AG	71.42
11	88	TOYOTA MOTOR NORTH AMERICA, INC.	71.21
11	89	SNAP INC.	71.08
11	90	NIO TECHNOLOGY (ANHUI) CO., LTD	70.26
11	91	DAIKIN INDUSTRIES, LTD.	69.56
11	92	KONE CORPORATION	68.90
11	93	AIRBUS OPERATIONS LIMITED	67.74
11	94	FUJITSU LIMITED	67.62
11	95	MERCEDES-BENZ GROUP AG	67.24
11	96	B/E AEROSPACE, INC.	67.13
11	97	PRATT & WHITNEY CANADA CORP.	66.66
11	98	TUSIMPLE, INC.	66.17
11	99	FOX FACTORY, INC.	65.91
11	100	SONY SEMICONDUCTOR SOLUTIONS CORPORATION	64.94
13	1	SAMSUNG ELECTRONICS CO., LTD.	204.29
13	2	TOYOTA JIDOSHA KABUSHIKI KAISHA	184.17
13	3	SAUDI ARABIAN OIL COMPANY	172.42
13	4	KIA CORPORATION	150.42
13	5	HYUNDAI MOTOR COMPANY	150.37
13	6	GENERAL ELECTRIC COMPANY	105.24

13	7	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	104.09
13	8	HONDA MOTOR CO., LTD.	78.28
13	9	HUAWEI TECHNOLOGIES CO., LTD.	75.90
13	10	LG ENERGY SOLUTION, LTD.	66.17
13	11	INTEL CORPORATION	64.16
13	12	QUALCOMM INCORPORATED	62.06
13	13	RAYTHEON TECHNOLOGIES CORPORATION	61.67
13	14	FORD GLOBAL TECHNOLOGIES, LLC	61.05
13	15	CUMMINS INC.	56.13
13	16	ROBERT BOSCH GMBH	54.10
13	17	MICRON TECHNOLOGY, INC.	53.91
13	18	DELL PRODUCTS L.P.	52.78
13	19	SAMSUNG DISPLAY CO., LTD.	52.41
13	20	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	52.25
13	21	LG ELECTRONICS INC.	52.03
13	22	APPLE INC.	49.35
13	23	DAIKIN INDUSTRIES, LTD.	48.84
13	24	NGK INSULATORS, LTD.	47.88
13	25	INTERNATIONAL BUSINESS MACHINES CORPORATION	47.78
13	26	GM GLOBAL TECHNOLOGY OPERATIONS LLC	45.86
13	27	DENSO CORPORATION	45.44
13	28	CHENGDU QINCHUAN IOT TECHNOLOGY CO., LTD.	41.56
13	29	KABUSHIKI KAISHA TOSHIBA	40.06
13	30	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	39.68
13	31	VOLVO TRUCK CORPORATION	39.14
13	32	KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS	36.23
13	33	APPLIED MATERIALS, INC.	35.66
13	34	HONEYWELL INTERNATIONAL INC.	35.66
13	35	ROLLS-ROYCE PLC	34.53
13	36	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	34.18
13	37	MICROSOFT TECHNOLOGY LICENSING, LLC	33.05
13	38	CANON KABUSHIKI KAISHA	32.90
13	39	MURATA MANUFACTURING CO., LTD.	32.89
13	40	HAMILTON SUNDSTRAND CORPORATION	32.59
13	41	TOKYO ELECTRON LIMITED	31.93
13	42	HALLIBURTON ENERGY SERVICES, INC.	31.54
13	43	BASF SE	29.44
13	44	CUMMINS EMISSION SOLUTIONS INC.	29.16
13	45	BASF CORPORATION	27.56
13	46	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	27.49
13	47	mitsubishi heavy industries, LTD.	27.49
13	48	CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED	27.09
13	49	GOOGLE LLC	27.04
13	50	CARRIER CORPORATION	26.67
13	51	CATERPILLAR INC.	26.59
13	52	JOHNSON MATTHEY PUBLIC LIMITED COMPANY	26.46
13	53	FUJIFILM CORPORATION	26.41
13	54	CHEVRON U.S.A. INC.	26.11
13	55	THE BOEING COMPANY	25.85
13	56	UOP LLC	25.76
13	57	LG CHEM, LTD.	25.24
13	58	EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY	25.20
13	59	PUREM GMBH	24.89
13	60	BOE TECHNOLOGY GROUP CO., LTD.	24.70
13	61	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	24.37
13	62	VITESCO TECHNOLOGIES GMBH	23.80
13	63	EVONIK OPERATIONS GMBH	23.66
13	64	MAZDA MOTOR CORPORATION	22.86
13	65	KIOXIA CORPORATION	22.54

13	66	mitsubishi electric corporation	21.72
13	67	HYUNDAI MOBIS CO., LTD.	21.33
13	68	LG DISPLAY CO., LTD.	21.19
13	69	MONSANTO TECHNOLOGY LLC	21.03
13	70	CHANGXIN MEMORY TECHNOLOGIES, INC.	20.30
13	71	PRATT & WHITNEY CANADA CORP.	20.29
13	72	SONY GROUP CORPORATION	20.29
13	73	EXXONMOBIL CHEMICAL PATENTS INC.	20.13
13	74	ABB SCHWEIZ AG	20.02
13	75	AIR PRODUCTS AND CHEMICALS, INC.	19.88
13	76	SK HYNIX INC.	19.86
13	77	TEXAS INSTRUMENTS INCORPORATED	19.56
13	78	TDK CORPORATION	19.29
13	79	LINDE GMBH	19.06
13	80	JOHNSON CONTROLS TYCO IP HOLDINGS LLP	18.78
13	81	AT&T INTELLECTUAL PROPERTY I, L.P.	18.73
13	82	SCHLUMBERGER TECHNOLOGY CORPORATION	18.55
13	83	EASTMAN CHEMICAL COMPANY	18.37
13	84	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	18.04
13	85	CISCO TECHNOLOGY, INC.	18.02
13	86	NINGDE AMPEREX TECHNOLOGY LIMITED	18.01
13	87	MICROJET TECHNOLOGY CO., LTD.	17.91
13	88	DOW GLOBAL TECHNOLOGIES LLC	17.88
13	89	WHIRLPOOL CORPORATION	17.87
13	90	MARATHON PETROLEUM COMPANY LP	17.87
13	91	BETA AIR, LLC	17.82
13	92	CHEVRON PHILLIPS CHEMICAL COMPANY LP	17.78
13	93	TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	17.35
13	94	TOPSOE A/S	17.25
13	95	VIVO MOBILE COMMUNICATION CO., LTD.	17.21
13	96	YANTAI JEREH PETROLEUM EQUIPMENT & TECHNOLOGIES CO., LTD.	16.55
13	97	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	16.21
13	98	IHI CORPORATION	16.07
13	99	INFINEON TECHNOLOGIES AG	15.93
13	100	PETRÓLEO BRASILEIRO S.A. - PETROBRAS	15.85