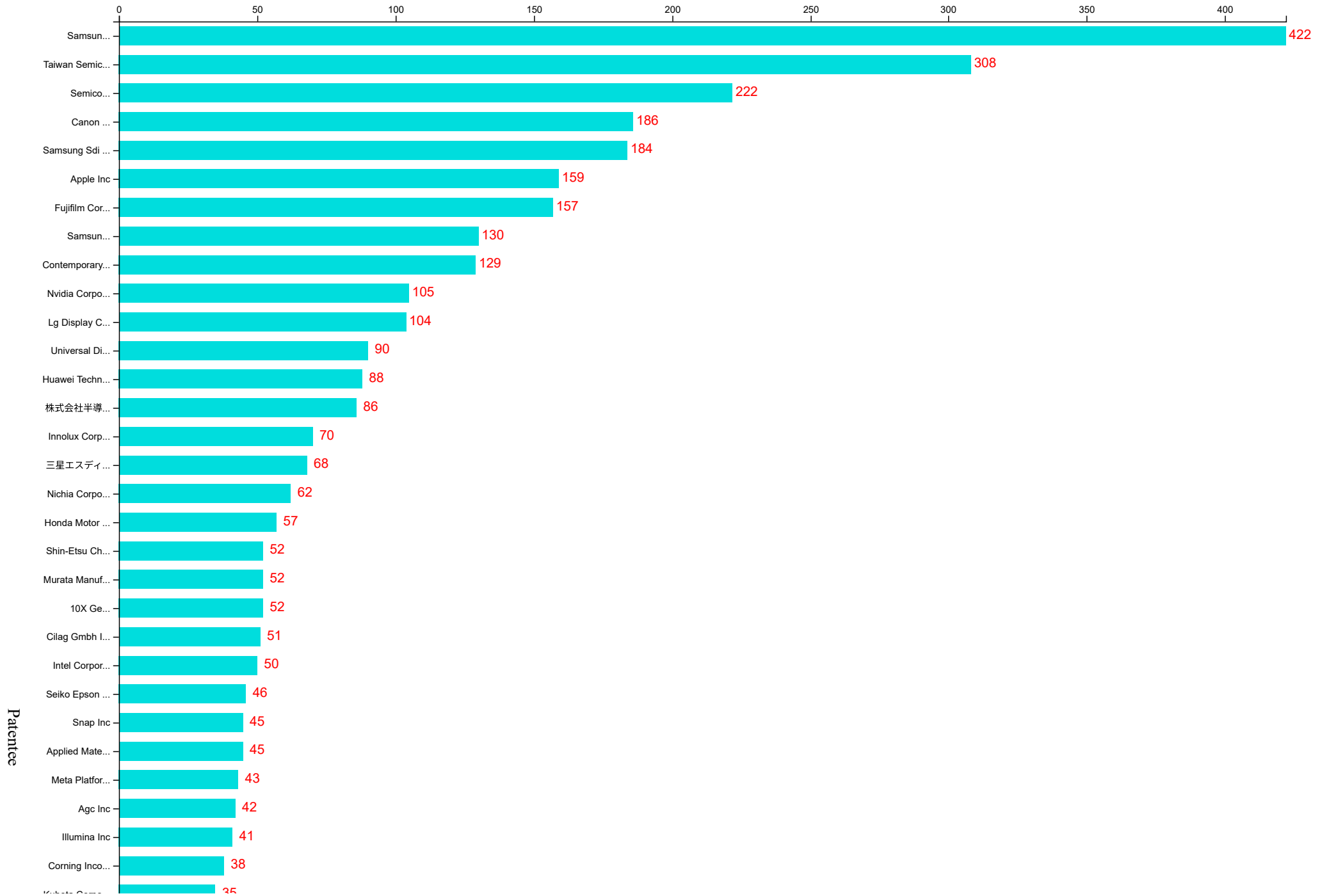
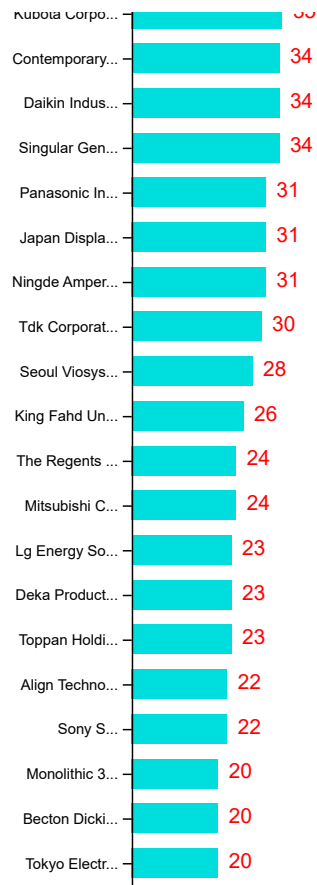


# Patent Applications





Patentee	Patent application Average 74.38	Proportion of patent applications
Total	3719	100%
Samsung Display Co Ltd	422	11.35%
Taiwan Semiconductor Manufacturing Co Ltd	308	8.28%
Semiconductor Energy Laboratory Co Ltd	222	5.97%
Canon Kabushiki Kaisha	186	5%
Samsung Sdi Co Ltd	184	4.95%
Apple Inc	159	4.28%
Fujifilm Corporation	157	4.22%
Samsung Electronics Co Ltd	130	3.5%
Contemporary Amperex Technology Hong Kong Limited	129	3.47%
Nvidia Corporation	105	2.82%
Lg Display Co Ltd	104	2.8%

Universal Display Corporation	90	2.42%
Huawei Technologies Co Ltd	88	2.37%
株式会社半導体エネルギー研究所	86	2.31%
Innolux Corporation	70	1.88%
三星エスディアイ株式会社	68	1.83%
Nichia Corporation	62	1.67%
Honda Motor Co Ltd	57	1.53%
Shin-Etsu Chemical Co Ltd	52	1.4%
Murata Manufacturing Co Ltd	52	1.4%
10X Genomics Inc	52	1.4%
Cilag Gmbh International	51	1.37%
Intel Corporation	50	1.34%
Seiko Epson Corporation	46	1.24%
Snap Inc	45	1.21%
Applied Materials Inc	45	1.21%
Meta Platforms Technologies Llc	43	1.16%
Agc Inc	42	1.13%
Illumina Inc	41	1.1%
Corning Incorporated	38	1.02%
Kubota Corporation	35	0.94%
Contemporary Amperex Technology Co Limited	34	0.91%
Daikin Industries Ltd	34	0.91%
Singular Genomics Systems Inc	34	0.91%
Panasonic Intellectual Property Management Co Ltd	31	0.83%
Japan Display Inc	31	0.83%
Ningde Amperex Technology Limited	31	0.83%
Tdk Corporation	30	0.81%
Seoul Viosys Co Ltd	28	0.75%

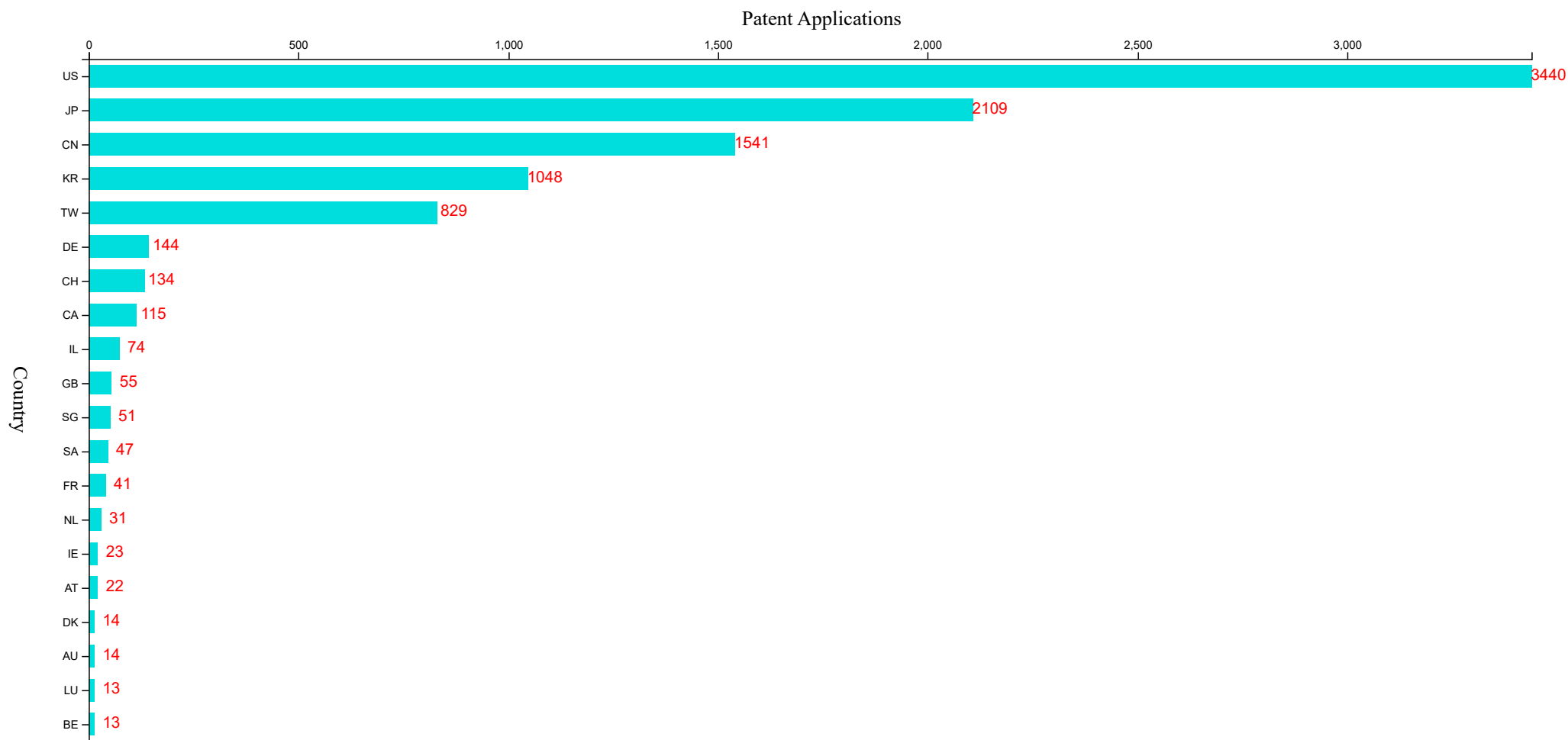
King Fahd University Of Petroleum And Minerals	26	0.7%
The Regents Of The University Of California	24	0.65%
Mitsubishi Chemical Corporation	24	0.65%
Lg Energy Solution Ltd	23	0.62%
Deka Products Limited Partnership	23	0.62%
Toppan Holdings Inc	23	0.62%
Align Technology Inc	22	0.59%
Sony Semiconductor Solutions Corporation	22	0.59%
Monolithic 3D Inc	20	0.54%
Becton Dickinson And Company	20	0.54%
Tokyo Electron Limited	20	0.54%

Patent Amount Patent Amount by Patentee Country

Patent Database : ALL

Data : Issue Date/Publication Date

Select years from : 2023~2025



Country	Patent applications Average 487.90	Patentee Average 525.60	Patent Applications/Patentee Average: 1.07
US	3440	3693	1.07
JP	2109	2246	1.07
CN	1541	1773	1.15
KR	1048	1106	1.06

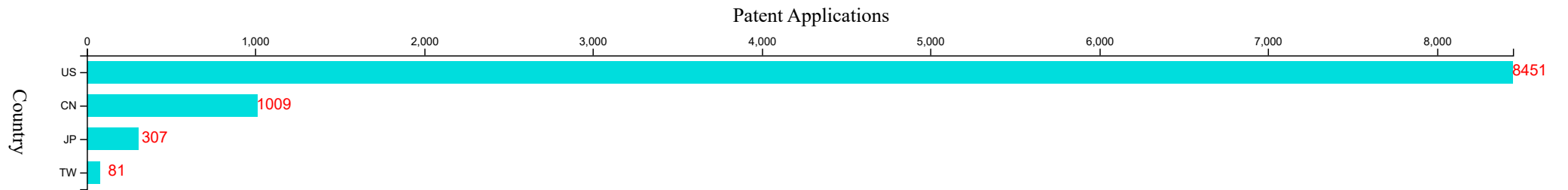
TW	829	847	1.02
DE	144	147	1.02
CH	134	140	1.05
CA	115	134	1.17
IL	74	80	1.08
GB	55	59	1.07
SG	51	51	1.00
SA	47	47	1.00
FR	41	50	1.22
NL	31	32	1.03
IE	23	24	1.04
AT	22	26	1.18
DK	14	14	1.00
AU	14	14	1.00
LU	13	13	1.00
BE	13	16	1.23

Patent Amount Patent Amount by Country

Patent Database : ALL

Data : Issue Date/Publication Date

Select years from : 2023~2025



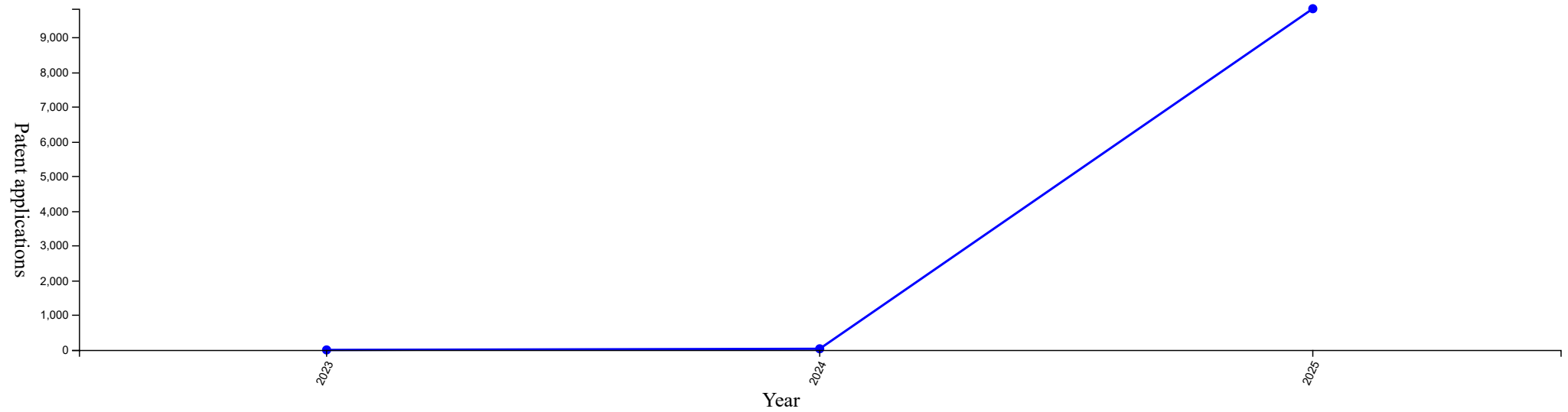
Country	Patent applications Average 2462.00	Patentee Average 1189.25	Patent Applications/Patentee Average: 0.90
US	8451	3195	0.38
CN	1009	1174	1.16
JP	307	302	0.98
TW	81	86	1.06

Years Patent Amount by Year

Patent Database : ALL

Data : Issue Date/Publication Date

Select years from : 2023~2025



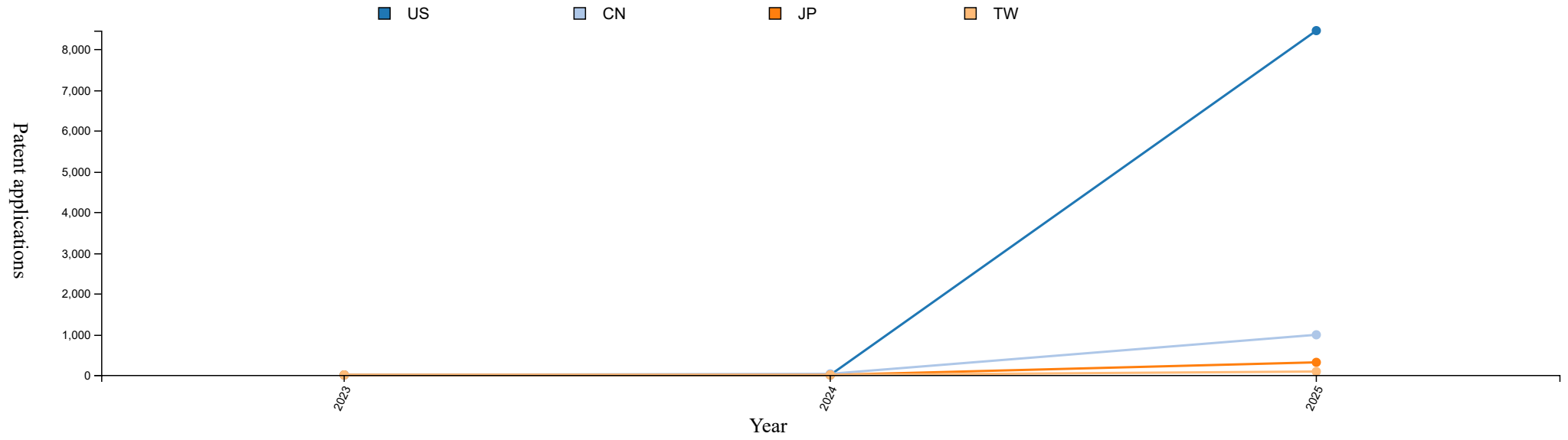
Year	Patent applications	Proportion of patent applications
Total	9848	100.00 %
2025	9816	100.00 %
2024	30	0.00 %
2023	2	0.00 %

Years

Patent Database : ALL

Data : Issue Date/Publication Date

Select years from : 2023~2025



Year	US	CN	JP	TW	Total
Total	8451	1009	320	81	9861
2025	8451	983	311	81	9826
2024	0	26	7	0	33
2023	0	0	2	0	2