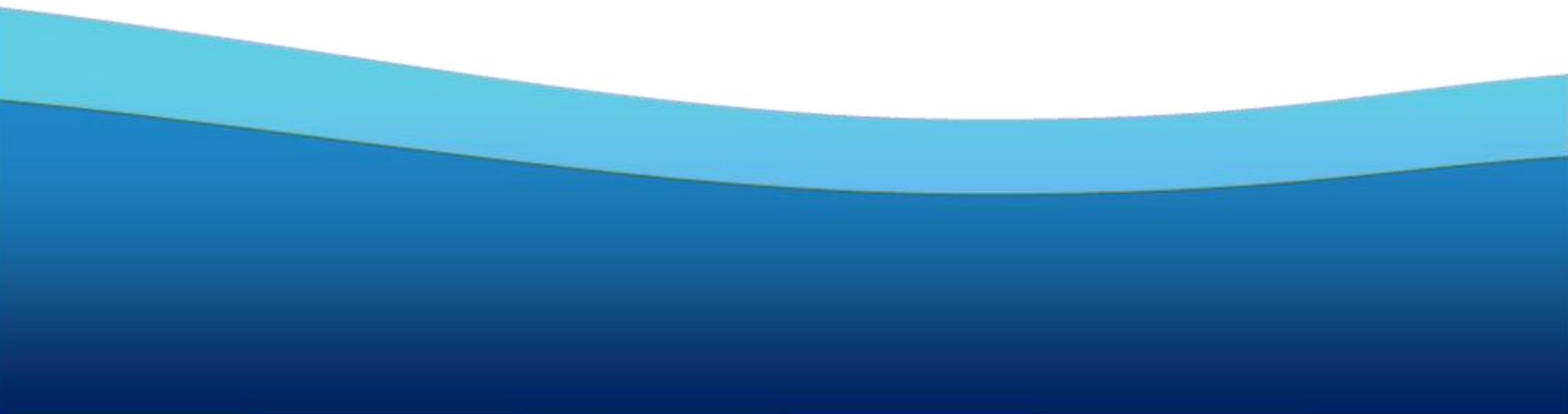


# Patents – Annual Outlook -2015

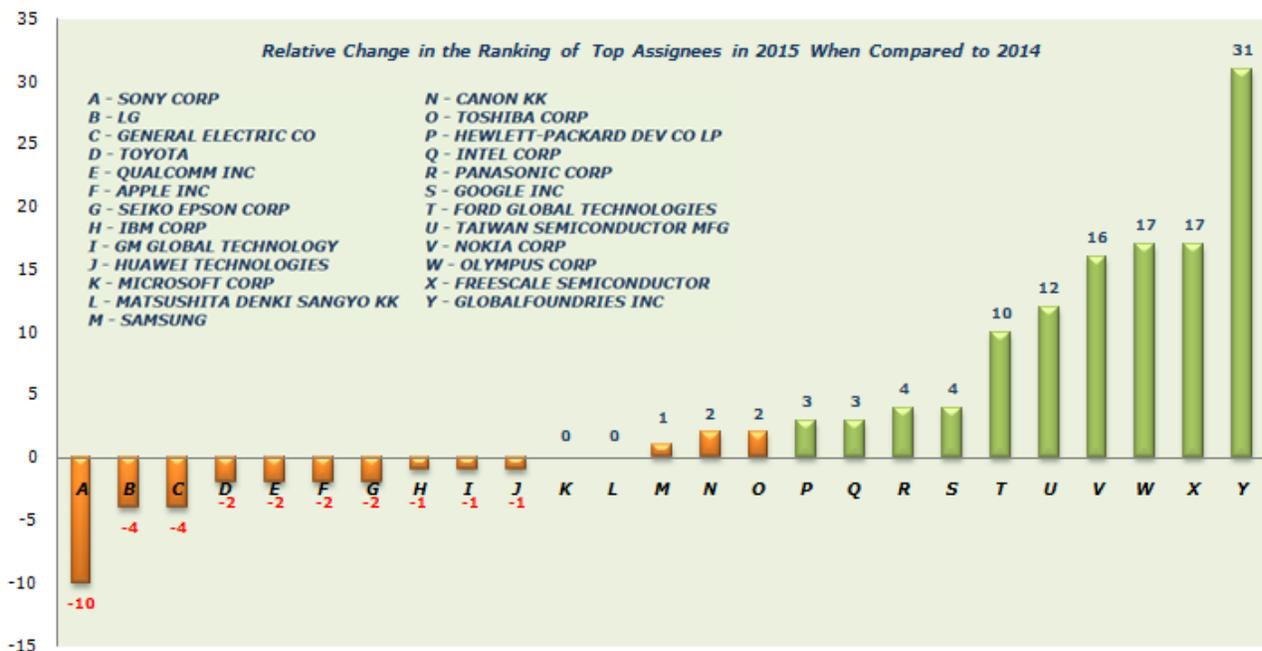
*January 2016*



The Year 2015 has been a year for gain in the ranking for many assignees including those who were out of top 25 lists in terms of highest number of published patents/patent application (Table 1 & Figure 1). More importantly, there were reshuffle in the top 5 positions too. For instance, Samsung which was on second spot in 2014 superseded IBM from the top for the first time. Interestingly, IBM dominated the list for the consecutive 22 years. Furthermore, Panasonic and Canon have joined the group of top 5 assignees. Interestingly, some of the assignees have entered the top 25

group by taking big leap e.g. global foundries which were on 48<sup>th</sup> position jumped to 17<sup>th</sup>. There were some disappointments also for some assignees in terms of ranking, for instance LG and Sony downsides from 5<sup>th</sup> and 6<sup>th</sup> position to 9<sup>th</sup> and 16<sup>th</sup> position respectively.

The top 25 list is majorly dominated by Asian countries compared to US or European countries. It certainly doesn't mean that US companies have lost their vigor for patents; rather Asian companies have apparently made it a higher priority.

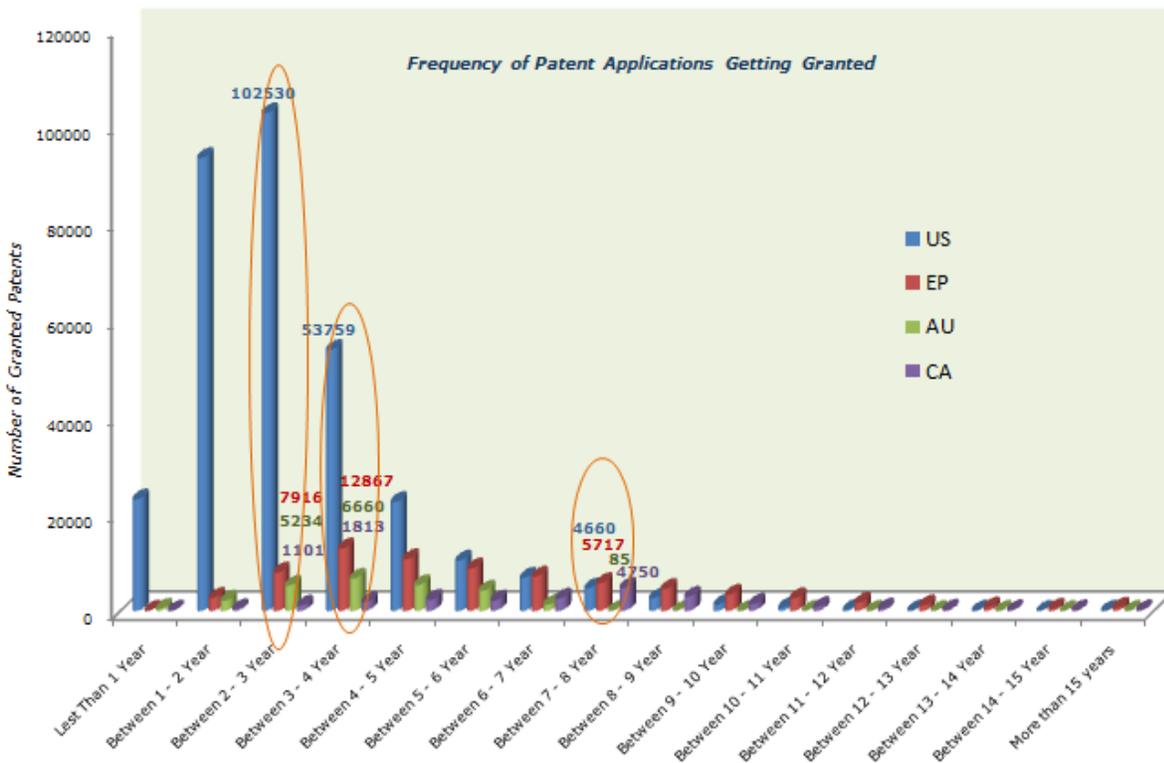


**Figure 1: Relative change in the ranking of top 25 assignees of 2015 when compared to 2014**

**Table 1: Ranking of top 25 assignees of 2015 and their comparison with 2014 ranking**

<b>Assignee</b>	<b>Ranking - 2015</b>	<b>Ranking - 2014</b>
<b>SAMSUNG</b>	1	2
<b>IBM</b>	2	1
<b>MICROSOFT</b>	3	3
<b>PANASONIC</b>	4	8
<b>CANON</b>	5	7
<b>TOYOTA</b>	6	4
<b>TOSHIBA</b>	7	9
<b>GOOGLE</b>	8	12
<b>LG</b>	9	5
<b>HEWLETT-PACKARD</b>	10	13
<b>MATSUSHITA DENKI SANGYO</b>	11	11
<b>QUALCOMM</b>	12	10
<b>TAIWAN SEMICONDUCTOR</b>	13	25
<b>INTEL</b>	14	17
<b>GM GLOBAL TECHNOLOGY OPERATIONS</b>	15	14
<b>SONY</b>	16	6
<b>GLOBALFOUNDRIES</b>	17	48
<b>APPLE</b>	18	16
<b>NOKIA</b>	19	35
<b>FORD GLOBAL TECHNOLOGIES</b>	20	30
<b>OLYMPUS</b>	21	38
<b>HUAWEI TECHNOLOGIES</b>	22	21
<b>GENERAL ELECTRIC</b>	23	19
<b>FREESCALE SEMICONDUCTOR</b>	24	41
<b>SEIKO EPSON</b>	25	23

## Patent Grant Analysis



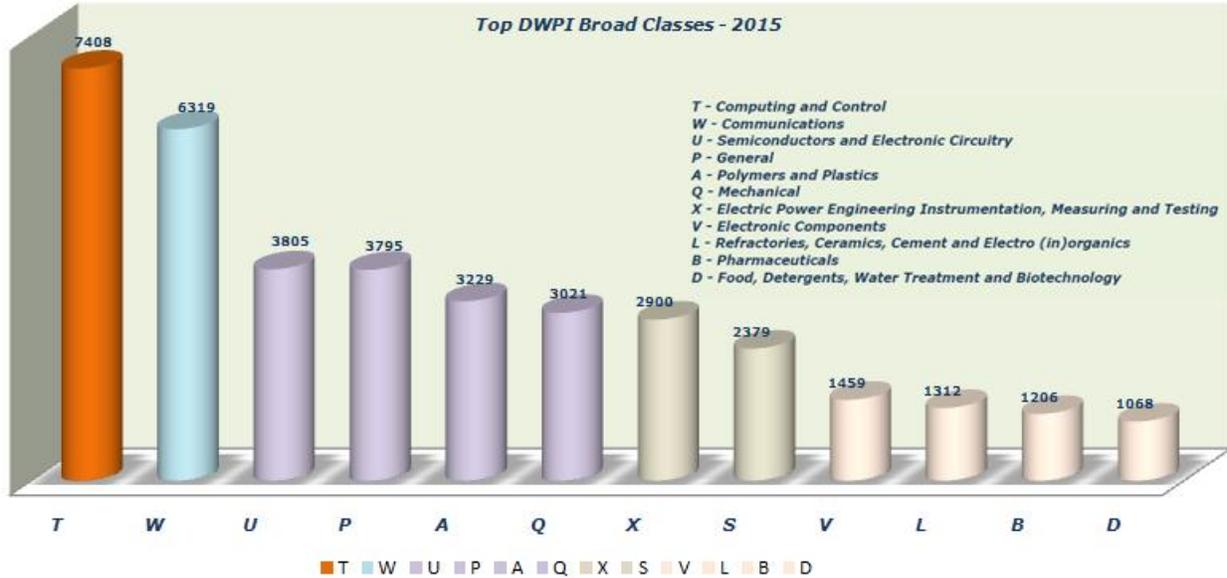
**Figure 2: Frequency distribution of patent applications getting granted in different jurisdictions and their respective duration from filing to publication date**

The patent grant period analysis for the year 2015 shows that most of the US patent applications were granted in between 2 to 3 years which is quiet less when compared to applications of other jurisdictions such as Europe and Australia (3 to 4 years) followed by Canada which takes quiet long period for granting patent applications (7 to 8

year). Notably, majority of patent applications are filed and getting granted in US when compared to any other jurisdictions worldwide. This data gives a glimpse that US have more efficient system in place for patent prosecution and that is why it is leading in innovation.

## Technology: Bird's eye view (Based on DWPI class)

### DWPI Broad Class Analysis



**Figure 3: Top DWPI broad classes in the year 2015**

Patent applications are filed under various technological domains. The DWPI broad as well specific classes for 2015 suggest that most of the patent/patent applications have been published in computing and control domain (Figure 3 & Table 2-3).

### Summary

Last year observed a major turmoil in the ranking dashboard of patent filing companies. For the first time in last 22 years, IBM slips to second position after Samsung surpassed it. And overall the top list was dominated by

the Asian companies. It's the United States of America where patents are granted in least time, making it a preferred jurisdiction for patent applicant. When analyzed for the technology sector, most of the patents/ patent applications were observed to be published in computing and control domain. This report gives provides users a quick insights into the trends in patent domain for the year 2015.

## **About Ingenious e-brain Solutions**

Ingenious e-Brain Solutions provides customized research and analytics solutions to companies, universities/research institutes, government/non-government organizations and law firms across the world. IP of an industry determines futuristic domination of its operating market. A well-defined IP strategy is an essential ingredient of a successful business model especially in the current competitive scenario. We help our clients in addressing critical issues and align their IP strategy with their business strategy at every point from innovation to portfolio management to commercialization.

At Ingenious e-Brain Solutions, we assist our clients in increasing their efficiency and effectiveness. We understand their internal processes and develop the best strategy to positively impact their business. We operate as an extension of their existing team with an aim to consistently deliver innovation and value to their business.

For a free non-binding discussion on "How we can help you?" Write us at [info@ingeniousbrainsolutions.com](mailto:info@ingeniousbrainsolutions.com)

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