

TREND REPORT



Patent publication volume development India



JANUARY 2024

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Introduction

As a populous country, India has gradually become one of the main target markets for many foreign enterprises. Therefore, laying out patents in India has become an important prerequisite for these enterprises to expand their business territory. It is necessary to pay attention to the development of patents in India (Data as of January 15, 2024).

Part 1: General information

It can be clearly seen that the number of patent applications in India has maintained a rapid growth trend. It should be noted that the statistics for 2022 and 2023 are not complete as patents still have to be published from these years. In 2021 and 2022, the number of patent applications in India exceeded 70,000, which is a significant increase compared to less than 20,000 in 2004 (as shown in [Figure 1](#)).



Figure 1 Patent application trend in India

Currently, the total number of patent applications in India has exceeded one million, with a significant portion being filed in recent years. The following analysis is for all patents in India.

From the perspective of patent types, India patents are mainly invention patents, accounting for 87.90%. The rest is design patents, accounting for 12.10% (as shown in [Figure 2](#)). It is worth noting that India does not have protection for utility model patents.

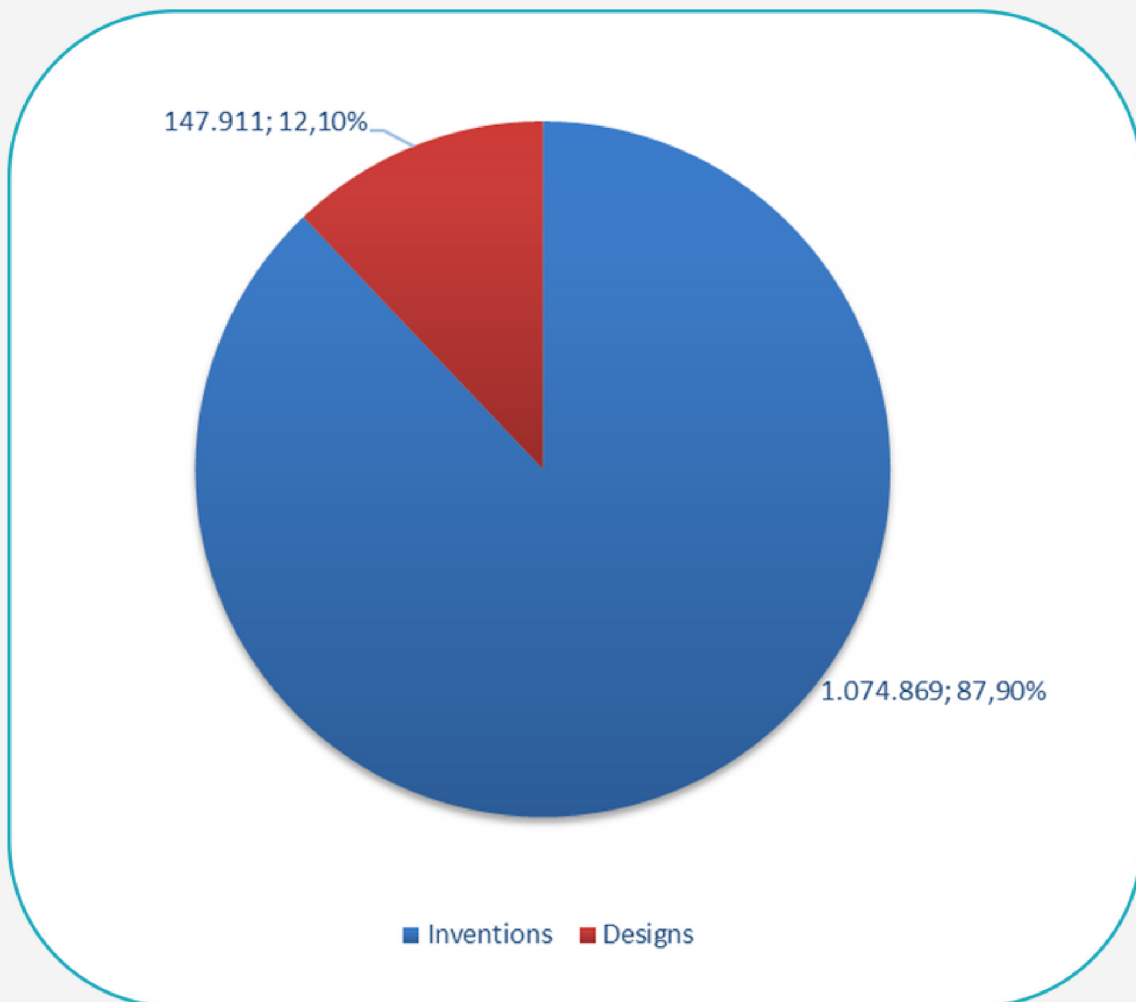


Figure 2 Patent types

From the perspective of legal status, 48.41% of patents in India are not in force, 26.41% are in force, 22.06% are pending, and 3.13% are undetermined (as shown in [Figure 3](#)).

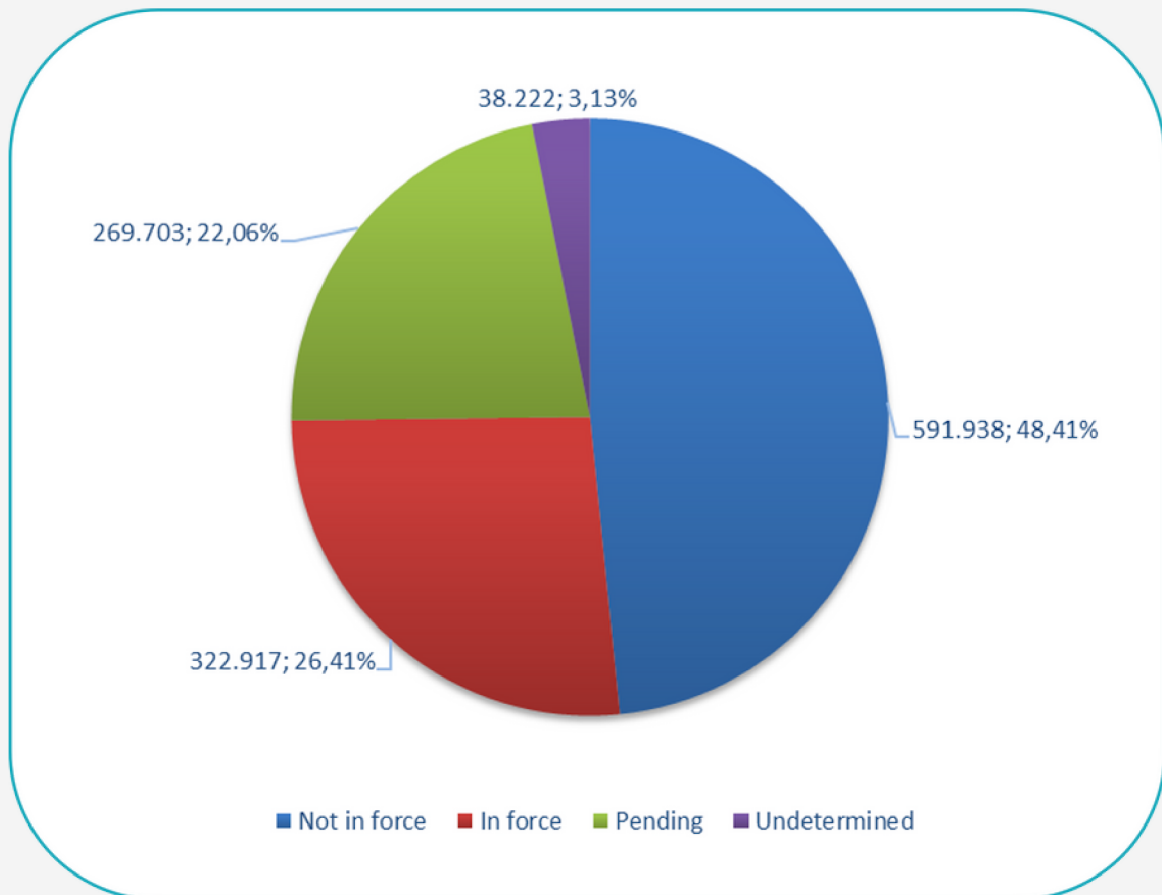


Figure 3 Legal status

Part 2: Geographic Territories

In terms of patent technology origin, India has the highest number of patents from domestic, accounting for 22.79%, followed by the United States. Japan and Germany also hold a significant proportion of patents (as shown in [Figure 4](#)).

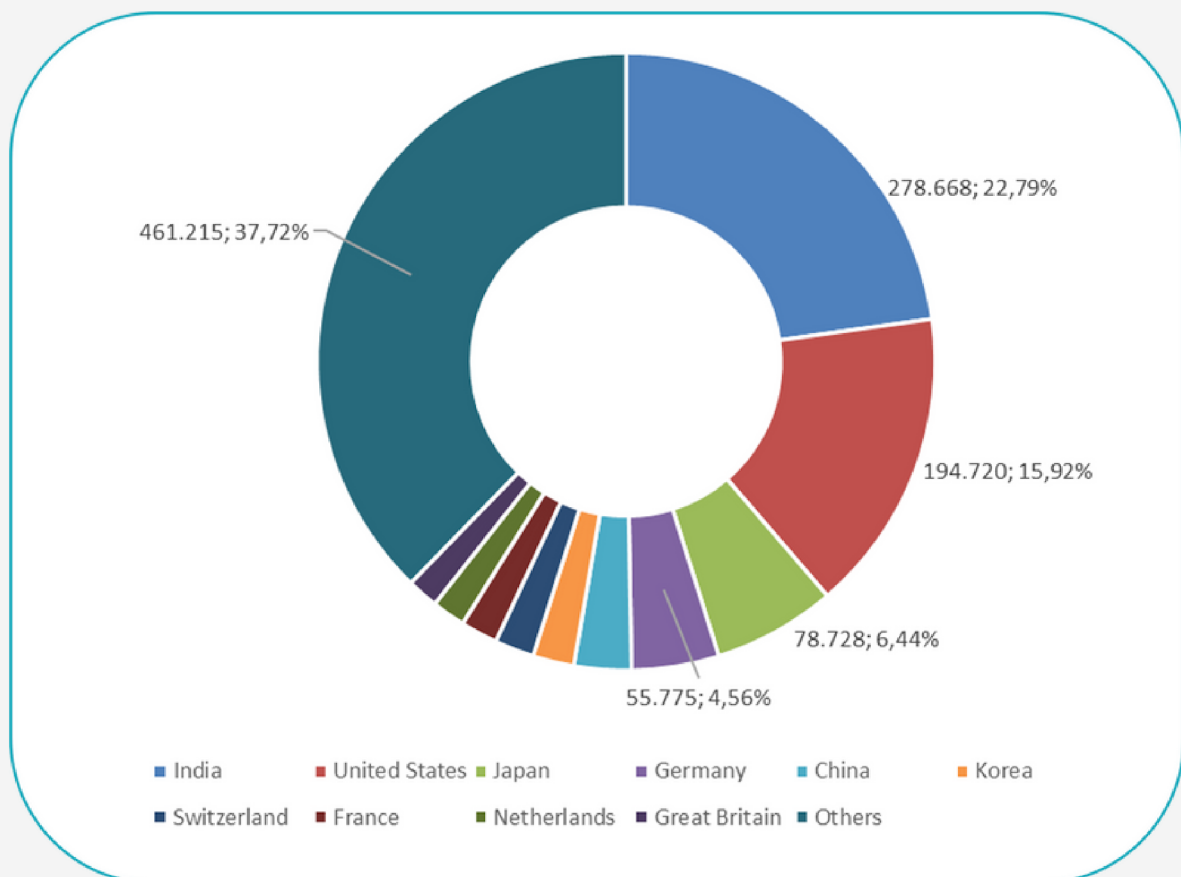


Figure 4 Top regions of origin

Analyzing the trend of patent applications from India and United States, it can be seen that the number of patents applied by the United States in India is relatively stable, while the number of patent applications from mainland India is showing a significant increase trend (as shown in [Figure 5](#)).

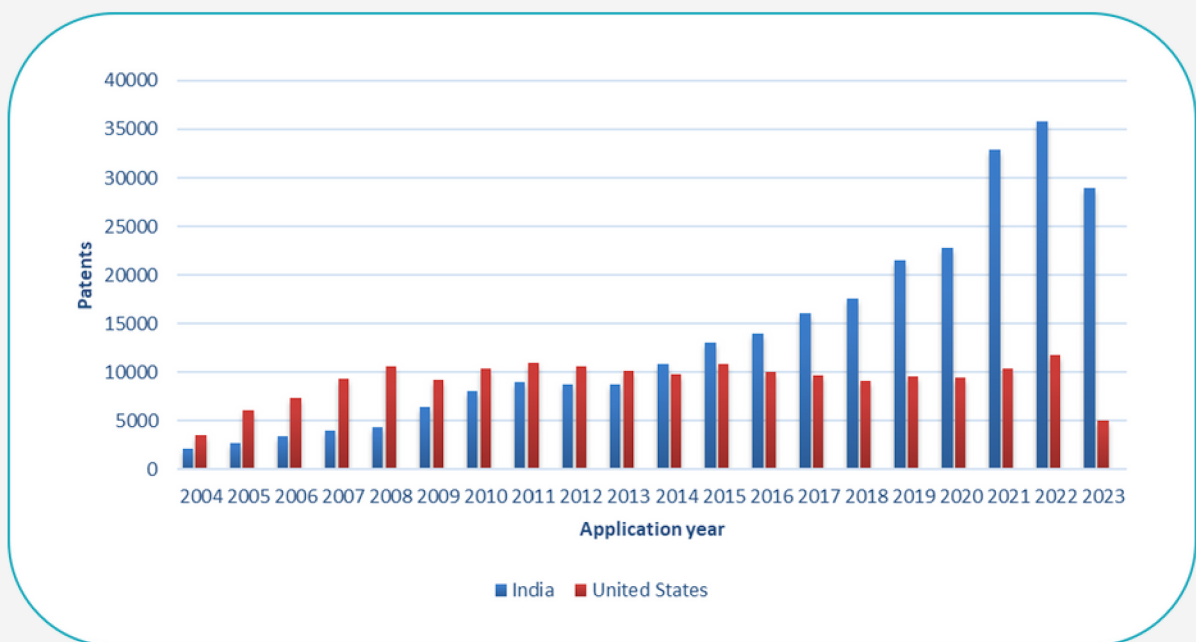


Figure 5 Patent application trend of top countries

Part 3: Key Technologies

From a technical perspective, IPC: A61K (Preparations for medical, Dental or Toiletry purposes) corresponds to the field with the most patents involved, followed by G06F (Electric digital data processing) and H04L (Transmission of digital information). Overall, the majority of patents in India are concentrated in high-tech industries (as shown in [Figure 6](#)).

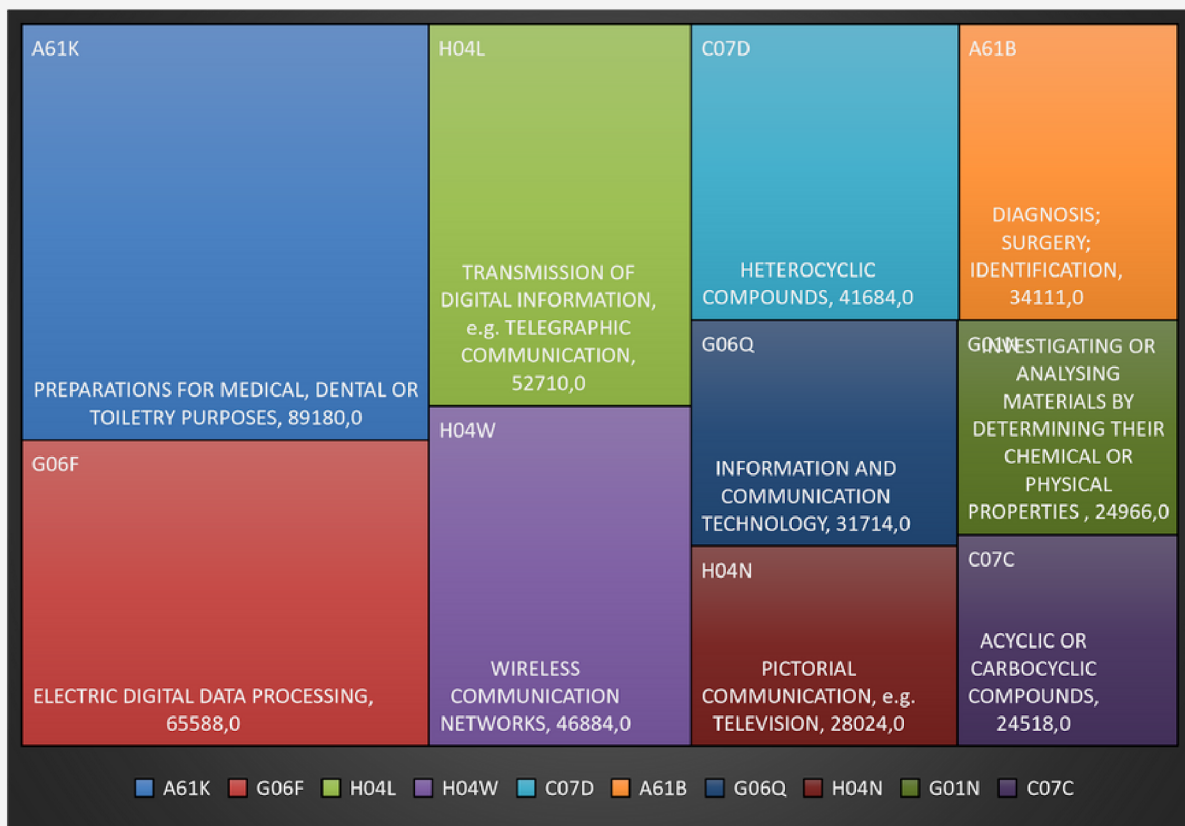


Figure 6 The top 10 IPC classification numbers

Part 4: Standardized Current Assignees

Analysis of the filers who have applied for the most patents in India shows that most of the top ten patent applicants are foreign companies, with only COUNCIL OF SCI & IND RES being an Indian applicant (as shown in [Figure 7](#)).

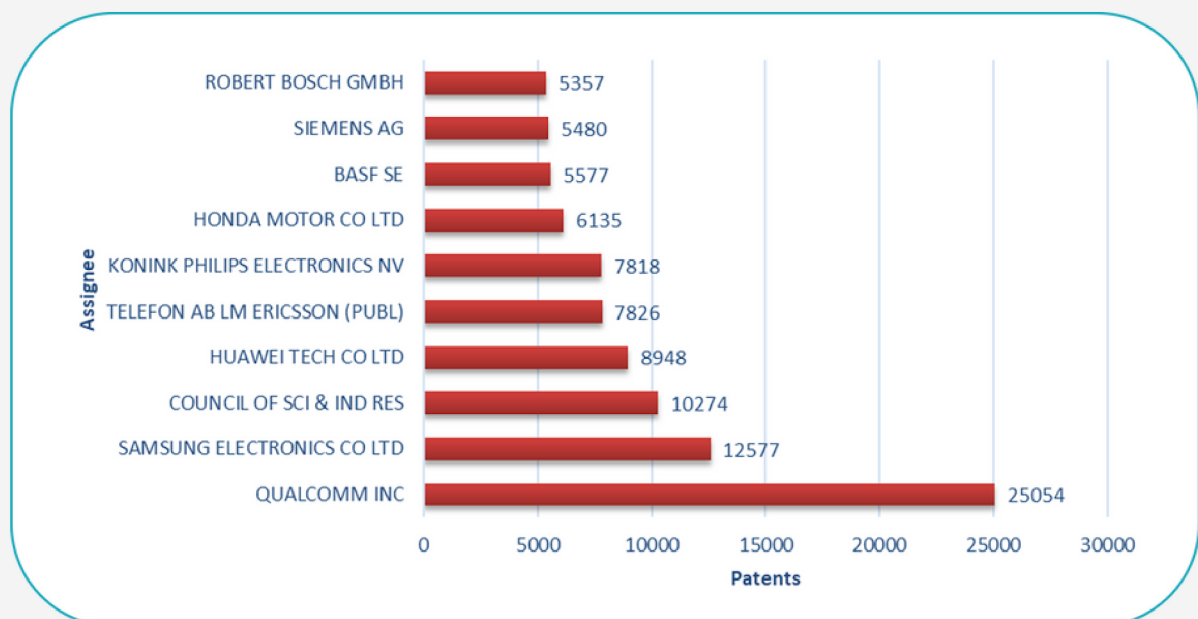


Figure 7 The top 10 standardized current assignees

Conclusion

In recent years, India's patent volume has grown rapidly, especially with a significant increase in local patent applications. However, there is still a certain gap in the number of patents filed by major local applicants compared to large multinational corporations.

Note: All numbers used and statements made in this report are indicative and for information purposes only. No warranty or liability is given nor accepted for anything published in this report.

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