

## Analysis and Suggestion on Patent Protection in Shanghai, China

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**Abstract :** The study reviewed all types of patents applied by Shanghai health system to analyze how patent development in China from the year of 1990 to 2012. The study used quantitative and comparative analysis to investigate the change and trends of patent numbers, patent types, patent claims, forward citations, patent life, patent transactions, etc. Results reflected an obviously increased numbers of invention patents, applications, and authorizations and short-life patents, but the ratio of invention patents represented an up and down change. Forward citations and transactions ratio always kept at a low level. The results meant that the protection of intellectual property in the Shanghai health sector had made great progress and lots of positive changes due to incentive policies by local government. However, the low-quality patents, at the same time, increased rapidly. Thus, in the future, it is suggested that the quality management should be strengthened, and invents should be estimated before patent application. It is also suggested that the incentives for intellectual property should be optimized to promote the comprehensive improvement of patent quantity and quality.

**Keywords :** patent claims, forward citations, patent life, patent transactions ratio

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