

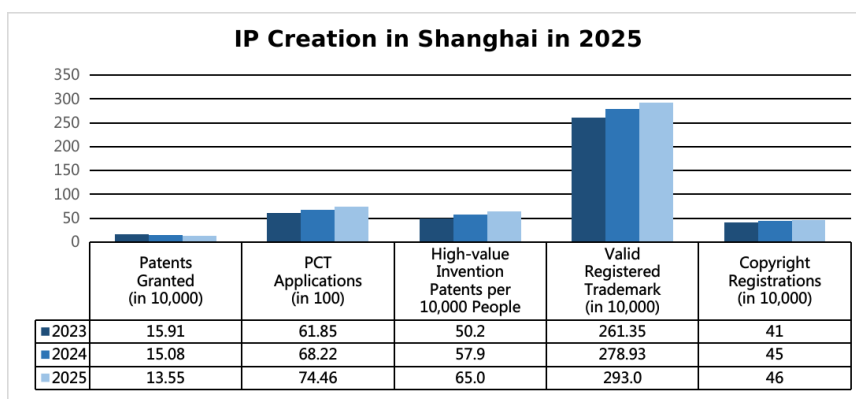


White Paper on Intellectual Property Development of Shanghai (2025)

Intellectual Property Development in Shanghai in 2025

In 2025, Shanghai, under the strong leadership of the Municipal Party Committee and Municipal Government, and guided by General Secretary Xi Jinping's Thought on Socialism with Chinese Characteristics in the New Era, fully implemented the spirit of the 20th National Congress of the Communist Party of China and all plenary sessions of the 20th CPC Central Committee, and coordinated the implementation of *the Outline for Building a Robust Intellectual Property City of Shanghai (2021-2035)*, and *the 14th Five-Year Plan on IP Protection and Utilization in Shanghai*. Shanghai continued to deepen reform and innovation in the field of intellectual property (IP), successfully completed annual goals and tasks, basically becoming a leader in international IP protection, and elevated the construction of Shanghai as an international IP hub to a new level.

In 2025, patents granted in Shanghai reached 135,500, including 52,800 invention patents, up by 4.29% year-on-year. PCT international patent filings reached 7,446, up by 9.15% year-on-year. By the end of 2025, valid patents in Shanghai stood at 987,700, and valid invention patents reached 317,500, up by 13.94% year-on-year. There were 65.0 high-value invention patents per 10,000 people, up by 7.1 patents compared with the previous year, making Shanghai the second highest in this figure. In 2025, Shanghai's trademark applications totaled 360,400, marking a year-on-year increase of 3.21%. Trademark registrations numbered 208,200, down 14.02% year-on-year; and Madrid trademark international registration applications stood at 566, down 9.6% year-on-year, ranking fourth nationwide. By the end of the year, Shanghai's valid registered trademarks amounted to 2.93 million, representing a year-on-year increase of 5.04%. In 2025, copyright registrations for works in Shanghai surpassed 460,000. Additionally, 85 new varieties of agricultural plants were authorized; 12 new varieties of forestry plants were authorized, and 10 new varieties of forestry plants were registered internationally.



I. A More Comprehensive Intellectual Property System

Serve the construction of “Five Centers”. To further enhance Shanghai’s role as a science and technology innovation hub, Shanghai Intellectual Property Protection Center has been approved to launch pre-examination services for artificial intelligence patents. Shanghai IP Administration has launched 2 pilot projects supporting key core technology breakthrough in major fields through public services, and 20 high-value patent upgrading and cultivation projects. It has recognized 5 high-value patent cultivation centers, and further strengthened the specialized committees for IP protection in integrated circuits, biomedicine and artificial intelligence, so as to provide support for national strategic science and technology strength. Shanghai Municipal Commission of Education has systematically enhanced the basic research and innovation capabilities of Shanghai’s universities by advancing the development of future-oriented disciplines, basic research, and bases for cutting-edge science research. Science and Technology Commission of Shanghai Municipality has built a basic research pilot zone, fostering internationally influential basic research achievements, and promoted major breakthroughs in key core technologies targeting the three leading, strategic, emerging and cutting-edge future industries. Shanghai Municipal Commission of Agriculture and Rural Affairs has strengthened research on variety innovation, with progress made in the cultivation of major and distinctive varieties. Shanghai People’s Procuratorate has issued opinions on comprehensively strengthening service and support for the construction of the International Science and Technology Innovation Center.

Improve the policy and regulatory system for IP. Legal protection has been continuously strengthened, and IP-related content has been incorporated into local regulations such as *the Decision on Promoting Coordinated Development of Science and Technology Innovation in the Yangtze River Delta*, *Regulations of Shanghai Municipality on Promoting the Development of Artificial Intelligence Industry*, and *Regulations of China (Shanghai) Pilot Free Trade Zone*. Efforts have been made to promote research on legislation related to the promotion of IP application and utilization. *Several Provisions of Pudong New Area*, *Shanghai Municipality on Establishing a High-Level Intellectual Property Protection System* have been revised. Pudong New Area has issued administrative measures, namely *Several Provisions of Pudong New Area on Strengthening Trade Secrets Protection*. The policy system has been continuously improved: Shanghai IP

Administration and other relevant departments have formulated *the Action Plan for Optimizing the Intellectual Property Aspect of Business Environment in Shanghai*; Shanghai Municipal Commission of Education has issued *Several Measures to Support the Systematic Reform of Transformation of Science and Technology Achievements in Shanghai's Universities*; seven departments including Science and Technology Commission of Shanghai Municipality and Shanghai Municipal Health Commission have formulated *the Operational Rules for Promoting Transformation of Science and Technology Achievements in Medical and Health Institutions in Shanghai*; and Shanghai Municipal Administration for Market Regulation and other relevant departments have formulated *Several Opinions on Strengthening Trade Secrets Protection*.

Deepen reform and innovation in the field of IP. We have continuously advanced benchmarking reforms and preparation for the World Bank's Business Ready assessment, and innovated the evaluation system of IP indicators for business environment at the district level. Shanghai Regulatory Bureau of the National Financial Regulatory Administration and three other departments have launched a comprehensive pilot project for IP financial ecosystem, rolling out China's first corporate-operated IP service trust product and Shanghai's first pledge financing for trade secrets (data products). The annual registered value of patent and trademark pledge financing has exceeded 40 billion RMB. Shanghai IP Administration has deepened the pilot project for IP registration of data products, accepting 1,280 registrations and issuing 836 certificates by the end of the year, creating economic value of nearly 20 billion RMB through licensing-out transactions and service fee collection. Shanghai IP Administration also worked with Shanghai Commission of Economy and Informatization to carry out a pilot program for data product IP registration in the field of industry and information technology, and supported open access to registered data product IP information on Qixinbao and Qichacha. Shanghai Copyright Administration has deepened the rapid copyright registration service in the Free Trade Zone, handling 22,000 rapid work registrations throughout the year. It has also deepened the cross-regional work registration system, having handled more than 2,000 work registrations for copyright owners from other provinces and cities.

Progress has been made in the construction of a robust IP city. We have advanced the compilation of the 15th Five-Year Plan for high-quality development of IP in Shanghai and the assessment of the 14th Five-Year Plan implementation. Shanghai Intellectual

Property Work Conference & Shanghai Intellectual Property Joint Committee Conference were held to deploy and promote key annual tasks. The selection of the 5th WIPO-SMPG Shanghai IP Innovation Awards was carried out, with 9 organizations and 45 projects commended. Shanghai won 4 gold awards and 3 silver awards in the 25th China Patent Awards. Two cases, including the high-standard advancement of the pilot project for IP registration of data products, were selected as typical cases in the fourth batch of the construction of a robust IP country. Two projects recommended by Shanghai Copyright Administration, including the full Kunqu Opera “The Peony Pavilion”, were awarded WIPO-NCAC Copyright Award, and three cases, including the establishment of a system for game copyright management, protection and multi-faceted development, were selected as typical cases in the construction of a robust copyright country. The construction of IP protection hubs in Pudong New Area and Xuhui District has been further deepened. Jing’an and Fengxian districts have revised policies to promote high-quality development of IP. Jiading District has been selected as a national pilot area for protection and promotion of copyrights in folk literature and art.

II. More Effective IP Transformation and Utilization

Efforts have been made to foster faster and more effective transformation and utilization of IP. The three-year special action on patent transformation and utilization has been successfully completed. Shanghai IP Administration, together with Commission of Education, Science and Technology Commission, Health Commission of Shanghai Municipality, and other departments, has inventoried a total of 76,300 existing patents held by universities, research institutes and medical and health institutions, and provided feedback on more than 11,900 patent transformation and utilization cases. Over the past year, Shanghai recorded 64,800 instances of patent licensing and assignment, up 41.17% year-on-year, including 2,166 open patent licenses. Shanghai IP Administration newly recognized 2 functional platforms for patent transformation and application services, 6 market-oriented service support institutions, and 6 IP operation (promotion) centers in the medical and health system. Four entities were selected into the first batch of national-level industrial IP operation centers. National Platform (Shanghai) for International Service of Intellectual Property Operation and Shanghai Technology Exchange concluded 694 IP transactions with a total value of 32.047 billion RMB throughout the year.

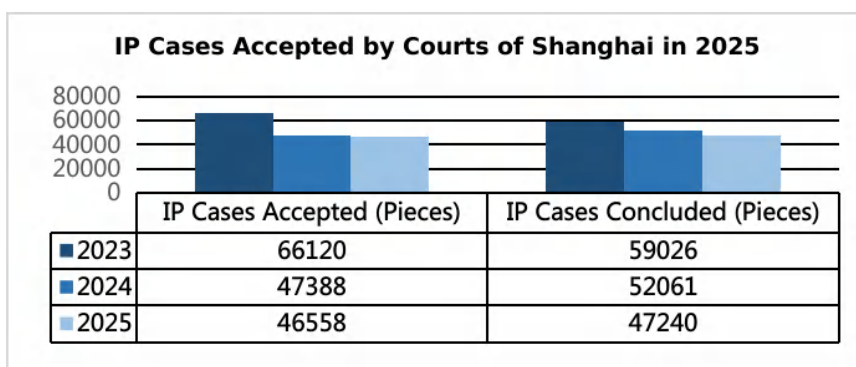
Promote the Empowerment of Enterprises through IP Enhancement. Shanghai IP Administration organized 345 enterprises, institutions and 7 parks to carry out projects aimed at improving their capabilities in IP creation, utilization and management. The Patent Navigation Project was implemented, with 40 patent navigation studies carried out for key industries and major projects across the city. We improved the mechanism for identifying patent-intensive products and fostering model enterprises for patent industrialization, and introduced support policies for patent-intensive products. A total of 9,890 patent products has been registered in the mechanism, and the sales of the 207 recognized patent-intensive products reached 67.77 billion RMB in the previous year. We organized the work for recommending demonstration or pre-qualified organizations in the IP powerhouse construction 2025-2027 program, and 94 organizations in the city were selected as national demonstration or pre-qualified entities for IP powerhouse construction.

Promote the construction of trademarks and brands, and the utilization of geographical indications. Shanghai Municipal Commission of Commerce and six other departments have formulated and implemented *the Action Plan for Strengthening the Construction of Commercial Brands in Shanghai*, supporting the global deployment of brands' IP rights. We have also explored new models for protection and innovative development of time-honored brands' trade secrets through working with Shanghai Municipal Administration for Market Regulation and Huangpu District. Shanghai IP Administration has launched a campaign to empower time-honored brands through patents. Throughout the year, 31 time-honored enterprises have registered their 173 patented products and 424 associated patents. The promotion project for the utilization of municipal geographical indications has been advanced, completing the mid-term inspection of the "Songjiang Rice" and "Chongming Old Baijiu" projects, as well as the acceptance inspection of the "Fengxian Yellow Peach" and "Malu Grape" projects. By the end of the year, Shanghai boasted a total of 22 geographical indication products, with 19 geographical indications registered as certification or collective trademarks, and 414 business entities authorized to use the geographical indication marks.

III. Comprehensively Strengthened IP Protection

Intensify IP judicial protection. Shanghai High People's Court has continuously optimized the "three-in-one" trial mechanism and formulated a special governance plan

for malicious IP litigation. Throughout the year, courts across the city accepted 46,558 IP cases of various types, concluded 47,240 cases, and awarded 2.03 billion RMB of total damages. Punitive damages were imposed in 46 cases, with a total amount of 170 million RMB, representing an increase of 84% and 54.5% respectively year-on-year. Shanghai People's Procuratorate has improved the "five mechanisms" for IP prosecution, including joint research and judgment between case-handling and case-supervision departments, full coverage of early intervention in cases, "four investigations" for quality control throughout the entire review process, two-way collaboration between administrative and judicial protection of IP, and elevated jurisdiction for criminal cases involving trade secrets. Shanghai's procuratorial organs examined arrest applications from 302 cases of suspected IP infringement crimes involving 510 individuals, which resulted in approved arrest of 274 people from 174 cases. Shanghai's procuratorial organs also reviewed indictability of 944 cases involving 2312 people, and filed 659 cases of public prosecution involving 1335 people. Right holders filed 138 criminal incidental civil lawsuits. Shanghai Public Security Bureau has intensified cracking down on IP crimes in the fields of technological innovation, public safety, and culture. Throughout the year, they solved over 550 IP criminal cases, arrested 2,100 suspects, involving a total amount of 1.3 billion RMB. They have explored and established a "Chief Investigator" system for criminal protection of trade secrets. In 2025, the number of solved trade secret cases and the number of individuals subject to compulsory measures increased by 100% and 230% respectively compared to the previous year.



Improve the IP administrative protection system. Shanghai IP Administration formulates the annual implementation plan for IP administrative protection. We have deepened the construction of the administrative adjudication system for patent infringement disputes at both the municipal and district levels, strengthened technical support for administrative protection, and established a directory of technical investigation officers

and a directory of appraisal institutions, and completed the unified recognition of geographical indications for agricultural products. We have also implemented 6 municipal-level geographical indication protection projects, and obtained approval from China National Intellectual Property Administration (CNIPA) to establish the Nanhui Honey Peach National Geographical Indication Protection Demonstration Zone. Shanghai Public Security Bureau has established a special team for new quality productivity operations, exploring “one district, one policy” for IP protection in combination with the industrial characteristics of each district. Relying on the “Blue Whale - Direct Link between Police and Enterprises” mechanism, it convenes key enterprise workshops, effectively responding to the demands of more than 110 well-known enterprises in Shanghai. Shanghai Customs actively guides enterprises to complete the filing for IP customs protection, with 219 new right holders and 897 new rights items filed throughout the year, representing year-on-year increases of 42.2% and 99.7%, respectively. Xuhui District has applied to establish a national-level intellectual property protection center. Minhang and Jiading Districts have established branch centers of the municipal IP protection center.

Comprehensively improve IP protection effectiveness. In 2025, the city investigated and handled a total of 987 cases involving violations such as trademark and patent infringements, closed 1,100 cases, imposed fines and confiscations totaling 11.2899 million RMB, and transferred 48 illegal cases (clues). The city accepted 2,678 patent infringement dispute cases and closed 2,684 cases. 22 trade secret infringement cases were handled and closed, with fines and confiscations totaling 1.67 million RMB. Shanghai Copyright Administration, the law enforcement team of Shanghai Municipal Administration of Culture and Tourism, and other departments carried out the “Sword Net 2025” campaign, special actions for youth copyright protection and cinema copyright protection. Cultural law enforcement agencies at both municipal and district levels investigated and handled 68 copyright cases, with fines and confiscations totaling 677,000 RMB; seven major cases were investigated and five were transferred. Shanghai Customs detained nearly 4,900 batches of infringing goods and seized more than 8.4 million infringing items. The diversified dispute resolution channels for IP disputes continued to expand. A total of 19,000 dispute cases were accepted by 102 IP dispute mediation organizations in the city, and nearly 10,000 cases were successfully mediated. Shanghai Arbitration Commission and Shanghai International Economic and Trade

Arbitration Commission accepted a total of 971 IP cases, involving a disputed amount of 2.573 billion RMB. Hongkou, Jinshan, Songjiang, and Qingpu Districts continued to strengthen cross-regional and cross-departmental cooperation in IP protection.

Improve the mechanism for foreign-related IP protection. Shanghai IP Administration led the establishment of a cross-departmental coordination mechanism for foreign-related IP protection, issued the “Guidance Work Plan for Responding to Overseas IP Disputes”, and guided 379 overseas dispute cases. Shanghai IP Administration also worked with Shanghai Municipal Bureau of Justice, Council for the Promotion of International Trade Shanghai, and other entities to establish three new IP service stations in Jakarta (Indonesia), Hong Kong SAR and Málaga (Spain), forming a “4+9+44” overseas IP dispute response service network in the city and major overseas trade and investment countries (regions). Shanghai Municipal Commission of Commerce continued to improve the mechanism for overseas IP enforcement assistance in international trade and formulated and released IP protection guidelines in response to the overseas development needs of key industries. Shanghai Municipal Bureau of Justice encouraged local arbitration institutions to optimize their overseas presence. Shanghai Municipal Administration for Market Regulation organized the formulation of *the Guide to Overseas Trade Secret Protection*. Changning District conducted special public training on IP protection for enterprises going global.

IV. A Sound and More Comprehensive IP Service System

Enhance the provision of IP public services. Shanghai IP Administration continued to expand the network of public information service institutions. The city now has a total of 11 Technology and Innovation Support Centers (TISCs) (including institutions under preparation), 7 national university IP information service centers, 10 national IP information public service outlets, and 27 municipal-level IP information public service outlets. We have carried out in-depth actions to bring IP public services to enterprises, as well as the “Intellectual Property Services Thousand Miles Tour” campaign. Two projects were selected by CNIPA as “AI+” application scenarios for IP public services. We have implemented a project on early warning and analysis of IP risks in the industrial robot sector. We have guided Xuhui District, the only district-level pilot nationwide, to advance the second batch of pilot city programs for the standardization of IP public services. Minhang, Yangpu, Putuo, Baoshan and other districts have formulated and

implemented local norms for IP public services.

Promote high-quality development of the IP service industry. Shanghai IP Administration has implemented several measures for high-quality development of the IP service industry and launched the first batch of support projects for high-quality development of patent agencies. We have guided the Caohejing Development Zone to further advance the construction of the High-Quality Development Demonstration Zone for the IP Service Industry and the IP Export Base. We have also promoted the standardized management and healthy development of IP social organizations, and guided Shanghai Intellectual Property Services Association (SIPSA) to complete its term of office transition. Shanghai Municipal Bureau of Statistics regularly conducts statistical surveys on IP service enterprises.

Optimize the regulatory model of the IP agency industry. Shanghai IP Administration has strictly enforced the special rectification measures for the IP agency industry in accordance with the joint deployment of the CNIPA, Ministry of Public Security and State Administration for Market Regulation, and implemented the “Blue Sky” Action Plan formulated by the CNIPA. Shanghai IP Administration has severely cracked down on illegal and irregular behaviors, focused on rectifying non-standard practicing behaviors, and strengthened upstream regulation. Throughout the year, a total of 31 agencies were interviewed and ordered to make rectifications, and 116 patent and trademark agencies and 22 patent agents were inspected. The pilot project for credit evaluation and management of trademark agencies is being steadily advanced. The construction of the collaborative supervision platform for IP agencies has been further improved, and the early warning model for patent agency practice risks has been continuously optimized. The total number of patent agencies in the city has reached 367, with 2,455 patent agents and 1,695 registered trademark agencies.

V. Further Optimized Cultural and Social Environment for IP

Continuously strengthen IP cooperation and exchanges. The 22nd Shanghai International Intellectual Property Forum was a high-profile event centered on the theme of “Intellectual Property and Artificial Intelligence”. We continue to support the institutional development, functional and case-load expansion of the WIPO Arbitration and Mediation Shanghai Service. By the end of the year, WIPO Shanghai Service had accepted accumulatively 220 foreign-related IP dispute cases. Cooperation projects

such as the WIPO Summer School, training courses on the effective application of the WIPO global service system, and WIPO intellectual property distance education have been carried out in Shanghai. We have supported the Green Technology Bank in advancing the WIPO GREEN City Acceleration Project (Shanghai), identified 48 technological needs, and recommended 7 of them to WIPO, which have been successfully matched. Shanghai, Jiangsu, Zhejiang and Anhui have continuously deepened the IP protection collaboration mechanism, while Shanghai and Yunnan, as well as Shanghai and Chongqing, have respectively signed the “Regional Cooperation and Assistance Agreement for Intellectual Property Services”.

Continuously strengthen IP talent and intellectual support. Shanghai IP Administration implemented the strategy of building a high-level IP talent hub in Shanghai and systematically promoted the construction of talent teams. We are advancing the 2025 Shanghai Foreign-related IP Protection Talent Cultivation Project. We have optimized and integrated various existing talent pools and expert databases, and established an IP talent information network and database system. By the end of the year, there have been 422 experts and nearly 9,000 talents in the database. We are working with Shanghai Municipal Human Resources and Social Security Bureau to further deepen the reform of IP title system and have newly evaluated 25 senior IP practitioners. Shanghai Municipal Bureau of Justice strengthened the construction of foreign-related IP attorney teams. Shanghai Municipal Health Commission held the fourth “Chunsheng Cup” Medical Innovation Talent Competition. Council for the Promotion of International Trade Shanghai deepened talent cultivation for IP dispute resolution. Shanghai High People’s Court has signed a new round of framework agreement on IP cooperation between courts and universities with Tongji University. Shanghai People’s Procuratorate established a new base for theoretical research on IP. Shanghai International College of Intellectual Property of Tongji University strengthened the cultivation of international, professional, and cross-disciplinary IP talents.

Continuously strengthen IP cultural construction. Across the city, we have organized and held the IP Publicity Week themed “Intellectual Property and Artificial Intelligence”, and carried out more than 150 activities. We have released *Intellectual Property Development in Shanghai in the Year 2024*, IP protection cases, and other related materials. We have convened the “2025 Shanghai Intellectual Property Work Briefing Conference”. We have launched the “Shanghai Intellectual Property” WeChat video

channel, produced and released two episodes of the short video series “Directors Explain Policies”, and the work “Z Generation’s IP Circle of Friends” won the Excellence Award at Shanghai’s “Silver Pigeon Award”. Shanghai Municipal Administration for Market Regulation, Shanghai Public Security Bureau, Shanghai Customs, and other relevant departments, jointly carried out concentrated destruction of counterfeit and shoddy goods. Shanghai courts issued a white paper on IP judicial protection and conducted legal publicity activities such as circuit trials. Shanghai People’s Procuratorate launched the month-long “Protecting Innovation in Shanghai, Excellent Procuratorial Work” campaign, released *Shanghai White Paper on Prosecution of Intellectual Property Crimes*, and its publicity film “Knowledge·Boundary” won the “Top Ten Works” in the micro-video category of the National Procuratorial Organs’ Three Micro Works (micro-videos, micro-films and micro-short dramas) Collection and Exhibition.

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The General Office of Shanghai Intellectual Property Joint Committee

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