



IV

DIGITAL AND ACCESSIBLE SERVICES

1. Public Services
2. Digitalizing Examinations
3. Net-Zero Emissions IP Information
4. Key IP Information



IV DIGITAL AND ACCESSIBLE SERVICES

To enhance the quality of online services, TIPO redesigned its bilingual global website, enhanced e-filing member services, the online application system for utility model patents, and the online service for changing applicants' process agents in 2025. Additionally, TIPO promoted the development of an image-based search function for domestic design patents, expanded online examination functions for patents and trademarks, and optimized the patent information search system. Furthermore, important cases and information concerning patents, trademarks, and trade secrets were compiled and made available for reference and utilization by various sectors.

1. Public Services

Optimize Digital Services

◆ Launch of Updated Bilingual Global Website

In 2025, TIPO redesigned its official website with an intuitive interface that enables users to quickly navigate to its four major business sections. A new Trade Secrets section was also established to consolidate all relevant information on a single platform, providing enterprises and business associations with more convenient access. In addition, a Highlights section was introduced to keep the public informed of policy measures and implementation achievements in a timely manner. Popular services are also displayed on the homepage, allowing users to quickly access frequently used resources and improving overall browsing efficiency and user experience.

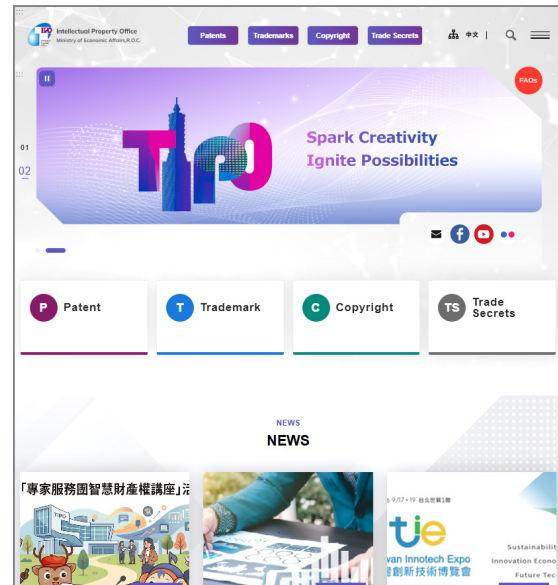


Illustration of Updated Bilingual Global Website

◆ Enhanced e-Filing Member Services

To enhance the quality and convenience of electronic application services, TIPO updated the functions of the TIPONet portal in 2025. Key updates include the introduction of a Q&A feature for application method recommendation to help users quickly select the most suitable application pathway; the incorporation of step-by-step guidance during the registration process to improve the efficiency of application procedures; and the simplification of the process of modifying member information, along with strengthened operational prompts enabling users to manage their data and prepare applications more efficiently.



Illustration of the Optimization of Electronic Application System

◆ Upgrades to Patent Online Application Service

TIPO upgraded the functions of the Patent Online Application System in March 2025 and January 2026, respectively. Through the use of a web browser-based guided interface, users are able to prepare design patent specifications and complete the online filing of invention and utility model patent applications, effectively enhancing the convenience and efficiency of applications.

◆ Expansion of Online Self-Service Processing Functions for Applicants

In December 2025, TIPO expanded the range of items that applicants may modify independently online. These modifications include adding, changing, or removing a process agent for patent documents. This enhancement further improves the efficiency and convenience of processing patent and trademark applications.

◆ Launch of Patent Publication Information Search API

In March 2025, TIPO launched the patent publication information search API, enabling the public to retrieve published patent data in batches via API integration, improving the efficiency of data access. As of the end of 2025, cumulative retrievals reached 41,051 for case information and 33,383 for correspondence records.

◆ Launch of Image-Based Search Service for Domestic Design Patents

The IPKM platform introduced an image-based search service for domestic design patents, covering design patent publications since 2013. This service incorporates image recognition and similarity search technologies, enabling users to upload images for automatic detection and comparison of design features. A cropping tool is also available to support more precise searches of specific parts, addressing the limitations of text-based queries. In addition, search results can be further filtered using multiple criteria, including the Locarno Classification (LOC), allowing users to efficiently access relevant case information.



Illustration of the Image-Based Search Service for Domestic Design Patents



The Image-Based Search Service for Domestic Design Patents
<https://cloud.tipo.gov.tw/S400/patent/search/image>

e-Services

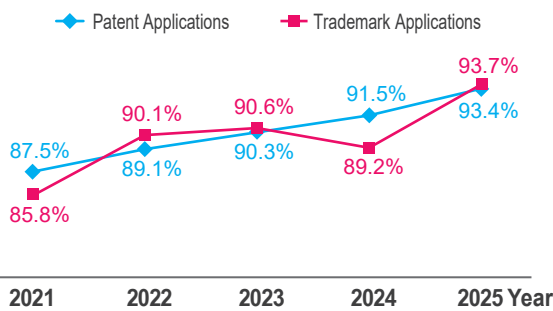
◆ Online Filing

Electronic patent and trademark applications offer round-the-clock (24/7) online services, eliminating the need for printing and mailing paper copies. Furthermore, filing new applications through the electronic application system qualifies for reduced fees, effectively saving time and costs for applicants.

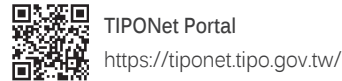
In 2025, Lee and Li Attorneys-at-Law ranked first among attorney offices filing online patent applications (14.50%), followed by Jianq Chyun Intellectual Property Office (8.54%) and TSAI, LEE & CHEN Patent Attorneys & Attorneys at Law (8.11%). For trademarks, Saint Island International Patent & Law Offices (10.09%) ranked first, followed by Tai E International Patent & Law Office (7.42%) and Lee and Li Attorneys-at-Law (6.30%).

The proportion of patents and trademarks filed online in 2025 – representing 93.4% and 93.7% respectively of all applications.

Proportion of Patent and Trademark Filed Online



Note: The percentage is calculated by dividing the number of online applications by the overall number of paper and online applications and is based on new applications only.

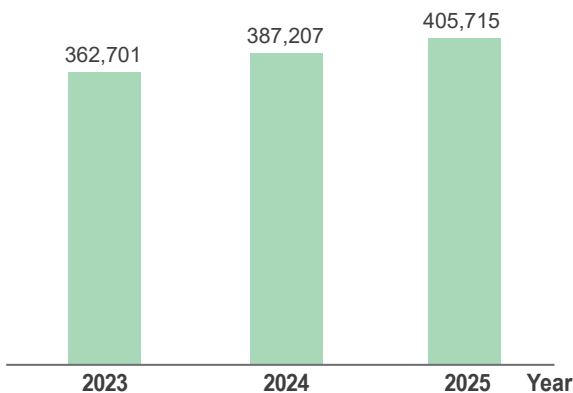


◆ e-Receipt

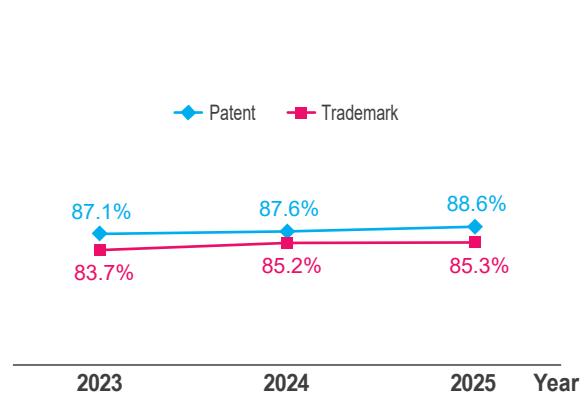
In response to digital transformation and sustainable development, TIPO completed system enhancements in 2025 to enable the comprehensive issuance of e-receipts for fee payments to improve public services. The service has been available to the public since January 6, 2026.

The number of e-receipts issued grew to 405,715 in 2025, collectively representing 88.6% of all patent receipts issued and 85.3% of trademark receipts issued. E-receipts are an easy method for users to request and download receipts online in lieu of paper receipts, which require additional delivery time.

Usage of e-Receipts



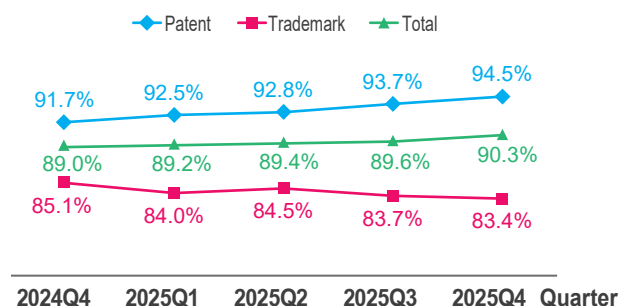
Percentage of e-Receipts Issued



Note: 1. Statistics is based on online payment cases.
 2. The percentage is calculated by dividing the number of e-receipts issued by the total number of receipts issued.

◆ Online Delivery

Percentage of Online Deliveries



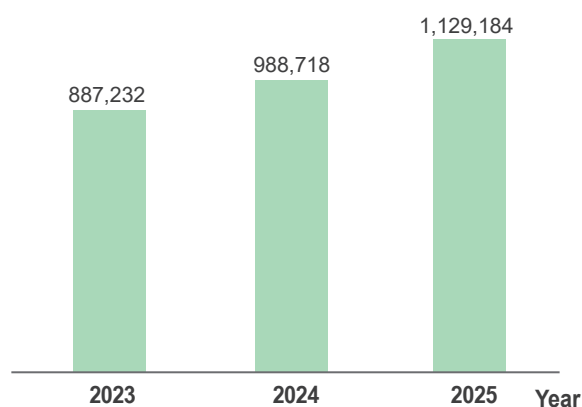
Note: The percentage is calculated by dividing the number of actual online deliveries by the number of documents fit for online delivery.

As for online delivery of patent and trademark documents, this year TIPO delivered a total of 566,437 documents electronically – an increase of 2.6% from 2024. In Q4 2025, the percentage of documents issued via online delivery reached 90.3%.


TIPO’s online service for electronic document delivery is available 24/7, allowing users to immediately regain access to lost documents and flexibly reuse electronic files, thereby facilitating easier preservation and retrieval.

◆ Rights Inquiry

Cumulative Numbers of e-Certificates Issued

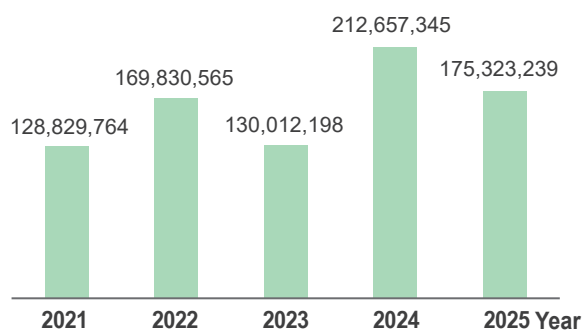


As of the end of 2025, the cumulative number of e-certificates issued by TIPO exceeded 1.12 million, allowing the public to check online the status of their rights, as well as verify the authenticity of patent and trademark certificates.

 New Inquiry System for Patent and Trademark Rights and Certificates
<https://cloud.tipo.gov.tw/S220/cert/>

◆ Open Data

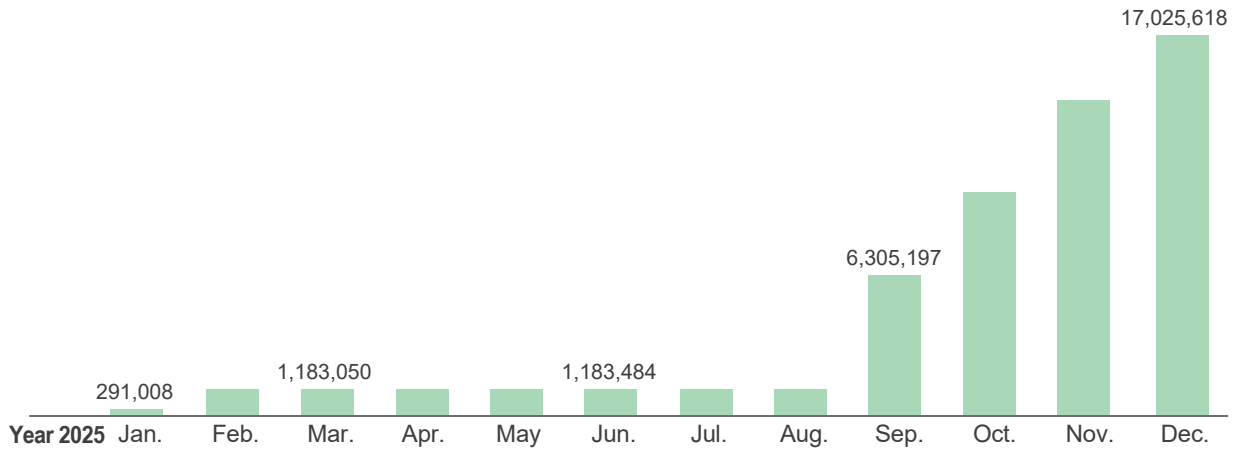
Number of Downloads from the Patent Gazette and Trademark Official Gazette Datasets



To facilitate utilization and analysis of industry data, TIPO has made both datasets for the *Patent Gazette and Trademark Official Gazette* available online for download since 2013. As of the end of 2025, the number of patents, published invention patent applications, and trademark registrations made available online has reached 2.42 million. About 68,000 people downloaded over 170 million files from the site in 2025.

TIPO officially opened up its datasets for the *Patent Gazette and Patent Application Publication Gazette* (texts and images) published prior to 2013. The data has been officially made available for the public download since September 2019. 159 people downloaded over 17 million files in 2025.

Accumulated Downloads from the Patent Gazette and Patent Application Publication Gazette Datasets in 2025



Patent and Trademark Open Data Downloads Website
<https://cloud.tipo.gov.tw/S220/opdata>

Additional Information on Patent and Trademark Applications

◆ International Classification for Industrial Designs

To align with the 15th edition of the International Classification for Industrial Designs administered by WIPO in 2025, TIPO also implemented the revised edition in the same year. Key updates include adding new categories for lighting fixtures and personal grooming products, as well as more detailed classification for graphic designs and virtual reality (VR) products to reflect the needs of emerging industries and current design trends.

◆ International Patent Classification

Starting from January 2, 2025, invention and utility model patent applications were classified according to the 2025.01 version of the International Patent Classification (IPC). Additionally, the *Patent Gazette* started incorporating the 2025.01 version of the IPC from March 11, 2025, and the *Patent Application Publication Gazette* did so from April 16, 2025.

◆ Nice Classification of Goods and Services

To align with the International (Nice) Classification of Goods and Services (NCL12-2025), TIPO published the Taiwan-Japan Concordance of Similar Group Codes (corresponding to NCL12-2025), the Taiwan-Korea Concordance of Similar Group Codes (corresponding to NCL12-2025) in March 2025, and the Cross-Strait Concordance of Similar Group Codes (corresponding to NCL12-2025) in October 2025. These concordance tables are available on TIPO's website to Taiwan residents, as well as applicants from Japan, Korea, and mainland China.

2. Digitalizing Examinations

Patent Examination Digitization

TIPO remains committed to leveraging the latest information technology to build a digitized patent examination environment. This includes the phased implementation of online examination mechanisms for patent corrections and gazette management. Additionally, TIPO expanded the text mining within the Global Patent Information Retrieval System and the image-based search service for domestic design patents to continuously optimize the current examination environment.

Since October 2025, online examination has been fully implemented for patent correction cases. Examiners can now access case files, supplementary documents, and responses in real-time, reducing paper consumption and wait times for physical file retrieval, and enhancing operational efficiency and processing timeliness. Furthermore, the online patent gazette management system underwent a technical architecture upgrade and functional optimization, which was officially launched in November 2025 to improve user-friendliness and streamline workflows.

To enhance examiners' search efficiency, TIPO integrated a text mining feature into the Global Patent Information Retrieval System. By employing semantic analysis technology, examiners can search for similar patent documents by inputting text segments, overcoming the limitations of traditional keyword searches and improving the efficiency and comprehensiveness of locating prior art citations. Additionally, the newly added image-based search function for domestic design patents allows examiners to perform image similarity comparisons by entering application numbers or uploading image files, strengthening the completeness and accuracy of prior art comparisons for design patents.

Trademark Examination Digitization

Regarding trademark examination, TIPO implemented an online examination mechanism for trademark rights management in phases; and enhanced the recommendation function for goods and service names by adding cross-class recommendations and hidden code display. These enhancements have further optimized operations to create a fully digitized trademark examination environment.

Online examination for trademark renewals, assignments, and changes to registration was officially launched in September 2025. This system integrates existing digital functions, including filing, drafting, document dispatch, service of documents, and records management, significantly streamlining paper-based procedures. Meanwhile, the examination interface incorporates vital information such as processing deadlines, dispute case annotations, and related cases, strengthening case management, enhancing examination quality, and reducing processing times.

Furthermore, TIPO enhanced the recommendation function for goods and service names by adding cross-class recommendations and hidden code display, which were officially launched in November 2025. These features further assist examiners in more efficiently comparing and determining the appropriate names of trademark goods and services, enhancing the efficiency and consistency of examination operations.

Electronic Exchange of Patent and Trademark Case Files

Since March 2025, TIPO and the Intellectual Property and Commercial Court have officially implemented a "dual-track mechanism for electronic and paper dossiers" for litigation case file retrieval. This mechanism enables case officers to retrieve and exchange case files electronically, which significantly reduces data transmission and processing times and makes litigation procedures timelier and more efficient. As of the end of 2025, electronic case files for 181 patent litigation cases and 100 trademark litigation cases had been uploaded and integrated into the Judicial Yuan's Case Inquiry Platform for court access and utilization.

3.Net-Zero Emissions IP Information

GPSS Green Technology Section

The Green Technology Section of the Global Patent Search System (GPSS) was established to accelerate the research and development of green technology in domestic industries and facilitate their patent portfolios. This section organizes green technology topics into six categories based on the WIPO IPC Green Inventory, including "Alternative Energy Production," "Transportation," "Energy Conservation," "Waste Management," "Agriculture / Forestry," and "Administrative, Regulatory, or Design Aspects." The search interface allows users to search for patents with one simple click, enabling domestic stakeholders to conduct patent searches more efficiently and further support their research and development of green technologies.



GPSS Green Technology Section



Global Patent Search System
<https://tiponet.tipo.gov.tw/gpss/>

Green Energy Supply IP Information


◆ Patent Technology Trend Analysis of Smart Grids, Energy Storage, and System Integration

Amid the global trend toward 2050 net-zero emissions, smart grids integrated with energy storage systems have emerged as a pivotal technology for achieving the net-zero energy transition. In response to the increasing demand for grid regulation arising from the energy transition, these technologies can not only enhance the stability of the national power grid but also serve as a key driver of domestic technological innovation and industrial competitiveness.

TIPO invited artificial intelligence (AI) experts to participate in discussions on the application of AI in the integration of energy storage systems and power grids. For the patent portfolio trend analysis, a comprehensive dataset of global foresight technology patents related to smart grids and energy storage integration was compiled, covering approximately 29,000 patent families published before 2024. From this dataset, 20 core technology patents were rigorously selected for in-depth analysis. The final report presents statistical charts illustrating the technological development and patent portfolio trends in this field. It also provides conclusions and implications for reference by domestic stakeholders.



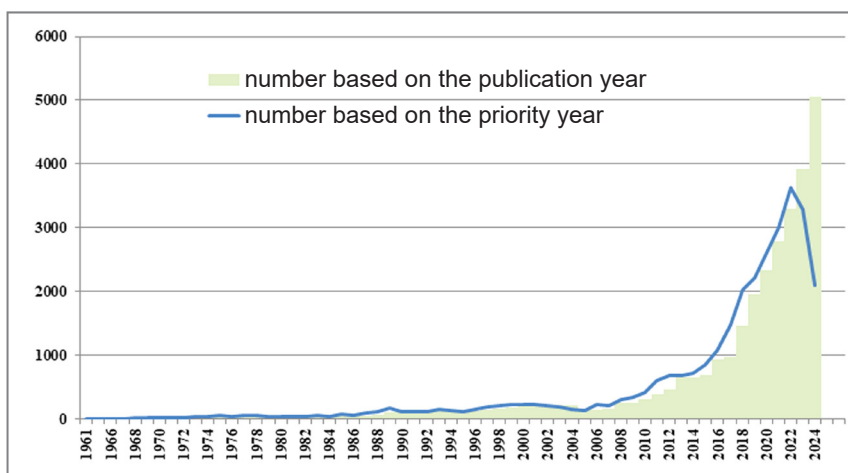
Discussion among AI Experts on the Application of Artificial Intelligence in the Integration of Energy Storage Systems and Power Grids

 Patent Technology Trend Analysis of Smart Grids, Energy Storage, and System Integration
<https://www.tipo.gov.tw/tw/tipo1/106-66161.html>


◆ Next-Generation Batteries: Patent Technology Trend Analysis of Solid-State Batteries

Lithium battery technologies are related to renewable energy development, energy storage systems, and the decarbonization of transportation, making it a cornerstone of the modern economy. Among these technologies, solid-state electrolytes are the key components of solid-state batteries (SSBs). They are widely regarded by industry as a promising technology due to their potential to significantly improve energy density, safety, and charging performance.

To assist enterprises in understanding global patent portfolios and seizing green business opportunities arising from net-zero carbon emission initiatives, TIPO has compiled the report "Next-Generation Batteries: Patent Technology Trend Analysis of Solid-State Batteries." Utilizing the Derwent Innovation patent database, the report analyzes global patent trends up to 2024 in two major technological fields: "Solid-State Battery Electrolytes" and "Solid-State Battery Electrodes." Combined with relevant case studies, the report serves as a comprehensive reference for stakeholders across various sectors.



Analysis of Annual Patent Filing Trends in Solid-State Batteries

 Next-Generation Batteries: Patent Technology Trend Analysis of Solid-State Batteries
<https://www.tipo.gov.tw/tw/tipo1/106-66160.html>

Sustainable Development of the Semiconductor Industry

Over the past 20 years, patent applications for wastewater treatment and water reclamation technologies have grown significantly worldwide, reflecting corporations' growing emphasis on sustainable development and ESG-related issues. As Taiwan is a major global producer of semiconductor-related components, the government published two research reports in 2025: "Patent Trends in Wastewater Treatment and Reclamation Technologies for Semiconductor Manufacturing Equipment" and "Analysis of Key Technologies and Patent Portfolios for Waste Treatment in the Global Semiconductor Industry." These reports provide insights into green technology development and serve as references to support and accelerate the green transition of the semiconductor industry.

Green Trademarks and Green Marks

◆ Analysis of Taiwan's Green Trademark Industry

The 2025 Analysis of Taiwan's Green Trademarks Industry highlights the alignment between green trademark portfolios and corporate ESG objectives. TIPO conducted an in-depth analysis of trademark data in Taiwan from 2015 to 2024, based on the classification of nine groups of green industries defined by the European Union (EU). In total, 880,000 trademark applications and more than 30 million names of goods and services were examined. Through this report, TIPO categorized about 900 types of green goods and services and 370 green-related terms, providing a clear overview of green industry development trends in Taiwan. The report also serves as a reference for enterprises to review their internal strategies for green trademark applications. Given the growing emphasis on sustainable development from both brand owners and consumers, TIPO plans to publish this report annually to help enterprises enhance their sustainability competitiveness through green trademark applications.

◆ Update on the Net-Zero Emissions Certification Marks Info Section

In response to global decarbonization trends and Taiwan's net-zero policies, TIPO completed a comprehensive update of its Net-Zero Emissions Certification Marks Info Section. Originally launched in 2022 to facilitate the industrial green transition, this info section serves as a centralized repository for green certification marks related to net-zero emissions and eco-friendliness for public and industrial use. Following a thorough review and update in 2025, the database now features 98 green certification marks, categorized into Eco-friendly, Decarbonization, or Energy-saving. In addition, other filtering options by Government Agencies and Industrial Sectors have been introduced to streamline information access and improve the overall utility of the database as well.

4.Key IP Information

Patent

◆ Standard Essential Patent (SEP) Service Platform

To address patent licensing challenges within the global 5G and Internet of Things (IoT) sectors, TIPO established the Standard Essential Patent (SEP) Service Platform in 2025. The platform covers six major themes, systematically integrating international policy developments, regulatory frameworks from major Standards Development Organizations (SDOs), in-depth analyses of SEP

litigation precedents, and SEP-related search resources. Furthermore, three quarterly reports on global SEP developments were published during the year. This platform aims to effectively lower barriers for Taiwanese small and medium-sized enterprises in accessing critical SEP information, strengthening their risk assessment capabilities and negotiation position under Fair, Reasonable, and Non-Discriminatory (FRAND) principles, while ultimately elevating Taiwan's technological standing and competitive prowess in the international standard-setting landscape.



Standard Essential Patent (SEP) Service Platform
<https://www.tipo.gov.tw/tw/patents/1021.html>

◆ "Understanding Patents" Video Series

To enhance public understanding of the patent system, TIPO produced a series of animated videos introducing the processes of patent applications and examinations, and the acquisition of patent rights in a clear and accessible manner. This initiative helps all sectors quickly grasp fundamental patent concepts, aiming at enhancing overall innovative competitiveness.



"Understanding Patents" Video Series
<https://www.tipo.gov.tw/tw/patents/1032.html>

◆ Compilation of Patent Administrative Litigation Case Studies

TIPO compiled 12 important administrative litigation cases — both those in which TIPO's original disposition was revoked and those in which it was upheld to explore the recognition and assessment of patentability factors such as novelty, inventive step, creative step, grace period, division and corrections extending beyond the original scope. The "2024 Compilation of Patent Administrative Litigation Case Studies," is available electronically on TIPO's website for public reference.

◆ Patent Administrative and Civil Rulings

TIPO has asked examiners to draft analytical reports on select patent administrative and civil rulings from the IP and Commercial Court. These are compiled and published bimonthly on TIPO's official website for public reference.



Patent Administrative Rulings
<https://www.tipo.gov.tw/tw/patents/504.html>



Patent Civil Rulings
<https://www.tipo.gov.tw/tw/patents/503.html>

◆ Article-by-Article Interpretation of the Patent Act

In coordination with the implementation of Article 60-1 of the Patent Act enacted in 2022, TIPO incorporated relevant interpretive content and recent court judgments. Furthermore, TIPO collected judgments with reference value, particularly concerning issues such as patent certificate number marking and patent infringement to update the "Article-by-Article Interpretation of the Patent Act"

(September 2025 Edition). The updated version has been published on the TIPO website for public reference.



Article-by-Article Interpretation of the Patent Act
<https://www.tipo.gov.tw/tw/patents/452-60541.html>

◆ Compilation of Current and Past Patent Examination Guidelines

TIPO reorganized current and past patent examination guidelines and adjusted the webpage structure and content of its Patent Examination Guidelines section. These updated resources were made available for public access and download starting in May 2025.

Trademark

◆ Trademark Information Visualization Platform

To assist the public in understanding domestic trademark application trends and to provide a reference for industry layout and brand strategy planning, TIPO established the Trademark Information Visualization Platform in 2025. This platform presents data on trademark applications and registrations over the past five years in 13 visualized charts across three categories. It also enables users to track trend changes dynamically through interactive search functions. The platform was officially launched to the public in December 2025.



Trademark Information Visualization Platform
<https://tiponet.tipo.gov.tw/downloads/037/visualization/index.html>

◆ Constantly Developing and Maintaining Rulings on Well-Known Trademarks

Between July 2024 and June 2025, TIPO compiled 287 well-known trademark cases, as recognized by the MOEA Petitions and Appeals Committee of the Department of Economic Legal Affairs, courts at all levels, the Fair Trade Commission, the Taiwan Network Information Center (TWNIC), and TIPO. The total number of well-known trademarks has now reached 752. TIPO has also analyzed relevant data, such as the distribution of trademark holders, and published the findings on its website for public access.

◆ Trademark Rulings and Interpretations of Laws Updated

TIPO regularly conducts reviews of civil, criminal, and administrative trademark judgments issued by the IP and Commercial Court. From December 2024 to November 2025, TIPO compiled 36 significant trademark judgments, along with summaries and key point analyses. In addition, TIPO reviewed a total of six interpretation letters relevant to trademark laws and regulations. Topics included issues regarding the application of the trademark exhaustion doctrine, changes to personal names and information following trademark registration, and whether joint owners can independently use a jointly owned trademark. All compiled information is available on the TIPO website for public reference.

Copyright

◆ Copyright Interpretation Database

On a monthly basis, TIPO selects email and written responses to public inquiries concerning the Copyright Act that possess reference value and uploads them to the Copyright Interpretation Database on its official website for public access. In 2025, a total of 213 administrative interpretations were uploaded.

Trade Secrets

◆ Compilation of Selected Court Rulings on Trade Secret Cases

To keep abreast of the latest judicial practices concerning trade secrets in Taiwan, TIPO selected 27 court rulings of significant reference value, compiling them into the 2024 Compilation of Selected Court Rulings on Trade Secret Cases, which was published on the TIPO website for public reference.



2024 Compilation of Selected Court Rulings on Trade Secret Cases

<https://www.tipo.gov.tw/tw/tradesecrets/884-48663.html>