



IV

e-ENVIRONMENT AND PUBLIC SERVICES

Optimize IPR Services

1. Public Services
2. e-Examination
3. Digital Services
4. Knowledge Sharing

HIGHLIGHTS

- Online Application Services with Mobile Certificate Mechanism
- Development of "My Dashboard" Service
- Addition of Industry Analysis Service to GPSS
- Introduction of Patent Drawing Symbols Browsing Feature on IPKM

IV

e-ENVIRONMENT AND PUBLIC SERVICES

In 2023, TIPO enhanced its online services by supporting mobile certificates, establishing "My Dashboard," expanding the online payment capabilities, and moving towards cloud-based systems for trademark searches and the issuance of e-certificates for patents and trademarks. The enhancements also include expanded online review functions for patents and trademarks and improved functionality of the patent information search systems. Additionally, compilations of important cases and information related to patents, trademarks, copyrights, and trade secrets have been made available for public reference.

1. Public Services

e-Services

◆ Online Filing

To improve the usability of the online application system on mobile devices, TIPO has implemented services such as trademark e-filing, "My Dashboard," "My Cases" with mobile certificate mechanisms for signature and identity verification. These services became publicly accessible on June 20, 2023.



Services supporting mobile certificates

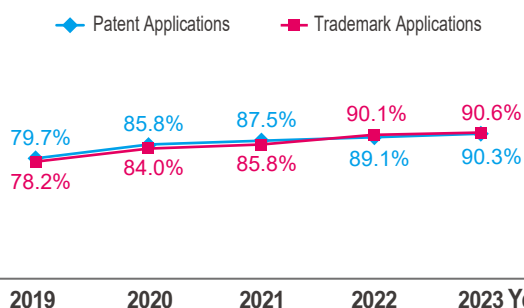
To facilitate users' ability to monitor their IP cases, TIPO launched "My dashboard," which offers personalized notifications about document deadlines, application progress, IP news, electronic document downloads, and online payment options. This service supports mobile device access and was made publicly available on February 6, 2023. By the end of 2023, the service had recorded 122,142 page views, averaging 1,062 users per month.

In 2023, Lee and Li Attorneys-at-Law ranked first among attorney offices filing online patent applications (14.46%), followed by Jianq Chyun Intellectual Property Office (8.46%) and Taiwan International Patent & Law Office (7.60%). For trademarks, Saint Island International Patent & Law Offices (8.24%) ranked first, followed by Tai E International Patent & Law Office (7.02%), and Lee and Li Attorneys-at-Law (6.31%).

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.

The proportion of patents and trademarks filed online reached a record high in 2023 – representing 90.3% and 90.6% 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.



TIPONet Portal

<https://tiponet.tipo.gov.tw/>

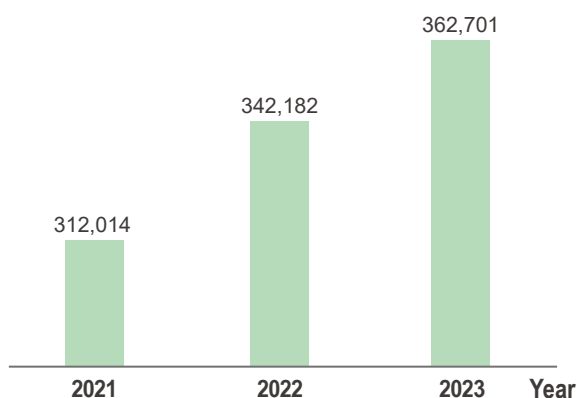
e-Receipt

To enhance the convenience of fee payments, TIPO has expanded the capabilities of the online payment system. New features include online payment for paper submissions, online application for automatic debit accounts, management of regular debit settings, and online credit card payment. These features, which provide more diverse and convenient payment options, were made available to the public on April 11, 2023.



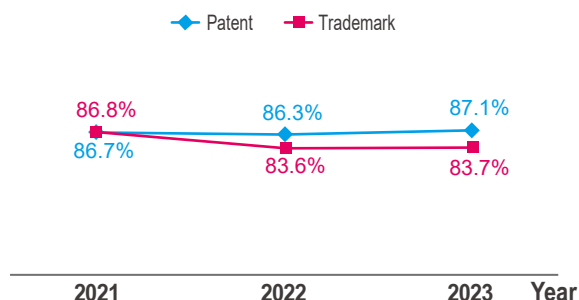
New online payment system

Usage of e-Receipts



The number of e-receipts issued grew to 362,000 in 2023, collectively representing 87.1% of all patent receipts issued and 83.7% 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.

Percentage of e-Receipts Issued

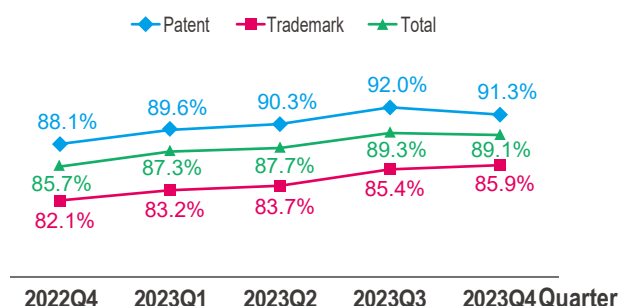


Note: 1. Statistics is based on online payment cases.

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 524,370 documents electronically – an increase of 14.1% from 2022. In Q4 2023, the percentage of documents issued via online delivery reached 89.1%.

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.

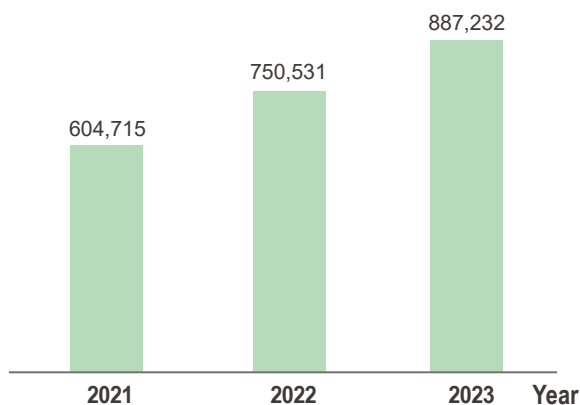
Digitalization of Patent and Trademark Certificates Service

In order to provide the public with convenient digital services, TIPO's digital patent and trademark certificates service launched on January 1, 2023. Rights holders can download e-certificates through a specific website or electronic document, which improves the convenience of certificate acquisition and preservation. A total of 55,842 e-certificates were issued in 2023, accounting for 39.35% of all certificates issued.

Rights Inquiry

In response to the government's cloud policy and to improve the quality of services for the public, the Inquiry System for Patent and Trademark Certificates and Rights service has been moved to the public cloud platform since July 19, 2023, to improve service availability and expansion capabilities through cloud technology.

Cumulative Numbers of e-Certificates Issued



In 2023, the cumulative number of e-certificates issued by TIPO exceeded 880,000, allowing the public to check online the status of their rights, as well as verify the authenticity of patent and trademark certificates.

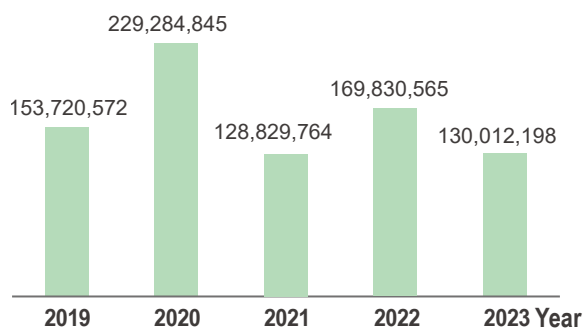


New Inquiry System for Patent And Trademark Rights and Certificates

<https://cloud.tipo.gov.tw/S220/cert/>

◆ Open Data

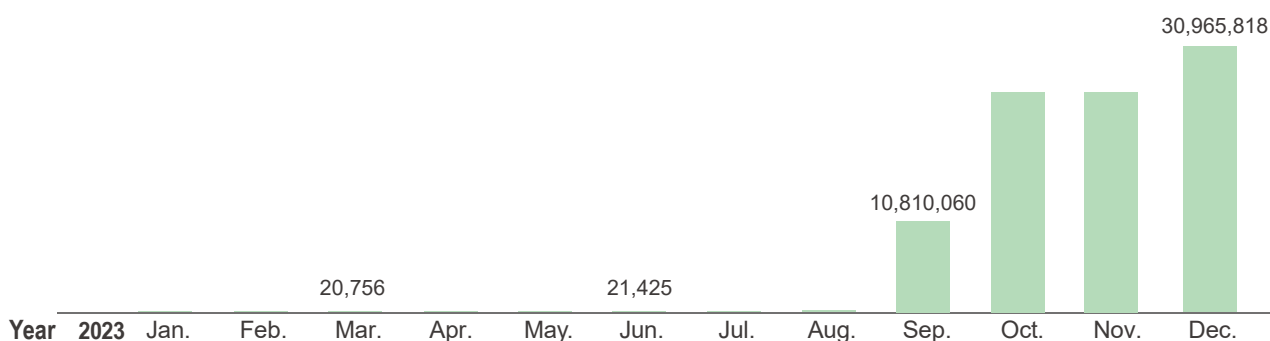
Number of Downloads from the *Patent Gazette* and *Trademark Official Gazette* Datasets



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 2023, the number of patents, published invention patent applications, and trademark registrations made available online has reached 2.12 million. 2,485 people downloaded over 130 million files from the site in 2023.

TIPO officially opened up its datasets for the *Patent Gazette* and *Patent Application Publication Gazette* (texts and images) published prior to 2013. 629 people downloaded over 30 million files in 2023.

Accumulated Downloads from the *Patent Gazette* and *Patent Application Publication Gazette* Datasets in 2023



Patent and Trademark Open Data Downloads Website

<https://tiponet.tipo.gov.tw/Gazette/OpenData/OD/OD01.aspx>

Additional Information on Patent and Trademark Applications

◆ Text-based Intelligent Customer Service and Interactive Patent FAQ

To assist applicants in refining the patent application process and securing patent protection more swiftly, TIPO has established the TIPONet patent customer service center for consultations. Furthermore, leveraging extensive experience and robust patent FAQ database, TIPO introduced "XiaoZhi," a text-based intelligent customer service, on December 5, 2023. Available 24/7 all year round, "XiaoZhi" offers interactive consultation services, providing immediate responses to applicant questions across various customer service channels. Efforts to collect user feedback and enhance "XiaoZhi" user experience will continue.

To help applicants stay informed about critical issues in the patent application process, TIPO compiles and publishes the "Top Ten Frequently Asked Questions and Instructions from Public Telephone Inquiries" each month. These are available on both TIPO's website and its Facebook fan page, attracting nearly 140,000 views to date.

◆ International Patent Classification

Starting from March 1, 2023, patent applications were classified according to the 2022.01 version of the International Patent Classification (IPC). Additionally, the *Patent Gazette* started incorporating the 2022.01 version of the IPC from April 1, 2023, and the *Patent Application Publication Gazette* did so from June 1, 2023.

◆ Database of International Priority Documents

TIPO has established a dedicated section on the website titled "Database of International Priority Documents for Patent Applications," which includes examples of the front page of priority documents in various countries and examples of non-priority documents commonly seen in recent years. It also provides guidelines for claiming priority in patent applications. This resource is designed to help applicants verify whether their documents qualify as priority documents.



Database of International Priority Documents for Patent Applications

<https://topic.tipo.gov.tw/patents-tw/lp-997-101.html>

The TIPO website has been updated to include 'Examples of Priority Documents in Various Countries and Guidelines for Claiming Priority' under the section for international trademark information. This addition features examples of priority document formats from 45 countries and regions and detailed guidelines on claiming priority. It aims to clarify common issues encountered in practice regarding priority claims and serves as a resource for the public.

◆ Requirements for Design Patents Descriptions and Drawings

In light of the relaxation of the orthographic drawing requirements for design patent applications since 2020, and to accommodate the diversification of drawings in such applications, the guidelines were revised and updated in September 2023.



Requirements for Design Patents Descriptions and Drawings (September 2023 edition)

<https://www.tipo.gov.tw/tw/cp-85-926454-02696-1.html>

◆ Template and Guidelines for Power of Attorney

Given the highly specialized nature of patent-related affairs, many applicants will designate agents with professional knowledge and experience to handle patent applications or other relevant patent matters. In order to protect the interests of applicants, clarify the extent of power conferred upon the agent, and avoid disputes caused by confusion between the text, meaning or terms, TIPO has introduced a standardized template and provided guidelines for filling out Power of Attorney (POA) forms for patent applications. Therefore, in accordance with the current patent regulations in Taiwan, and taking into account the contents of the patent application and the matters to be specified by IP5, the template and guidelines are formulated and available on TIPO's website for public reference.



Template and Guidelines for Power of Attorney

<https://topic.tipo.gov.tw/patents-tw/cp-999-927292-94401-101.html>

◆ Nice Classification

To align with the International (Nice) Classification of Goods and Services (NCL12-2023), TIPO updated the Taiwan-Japan Concordance of Similar Group Codes (corresponding to NCL12-2023) and the Cross-Strait Concordance of Similar Group Codes (corresponding to NCL12-2023) in February and June of 2023 respectively. Both are made available on TIPO's website to Taiwan residents, as well as applicants from Japan and Mainland China.

In accordance with the revised International (Nice) Classification of Goods and Services (NCL12-2024) published in June, 2023 and took effect on January 1, 2024, TIPO published the Chinese translation in September and changes to the list of designated goods/services for trademark applications in December, 2023. TIPO also reminded applicants that they could file trademark applications through the e-filing system and download the latest changes to take advantage of reduced filing fees in 2024.

2.e-Examination

Patent Specification Error Detection System

The "Patent Specification Error Detection System" was independently developed and validated by TIPO examiners. The system is designed to review the text of the patent application's abstract, description, and claims, significantly improving the efficiency of the examination process. It was made available to the public on the TIPONet from September 28, 2023, and two training sessions were conducted to help applicants reduce text errors in their application documents to comply with patent regulations. This further enhances the quality and efficiency of applicants in handling patent applications, creating a mutually beneficial arrangement.

Design Patent Online Review

TIPO completed enhancements to the Accelerated Examination for Design Patents, opening it to external applications in September 2023. As of December 2023, three applications had been processed, with office actions issued within one month of each application.

e-Examination for Technical Evaluation Reports for Utility Model Patents

TIPO successfully completed a pilot run of the e-examination system for technical evaluation reports for utility model patents in July 2023 and fully implemented it by enhancing the system based on user feedback to improve review efficiency and quality. As of December 2023, 100% of these examinations were conducted online.

Trademark Graphic Path Prediction

TIPO has validated the feasibility of using AI technology for predicting the paths of trademark graphics. This technology will be made available to trademark examiners in 2024, aiming to enhance operational efficiency and ensure consistency in classification results.

e-Examination Using Trademark Images

TIPO introduced the image search feature into the Trademark Search System for use by trademark examiners. This system also includes a feedback mechanism on the similarity of graphics to improve the quality of image searches. This search function will be available for external use in 2024.

3.Digital Services

Global Patent Search System (GPSS)

New patent bibliographic data is continuously added to the Global Patent Search System (GPSS) in order to help industries improve global competitiveness and establish global IP portfolios. The database currently provides data on over 159 million patents from 105 countries via access to databases from various IPO offices, including TIPO, IP5, WIPO, and those of several nations in Southeast Asia.

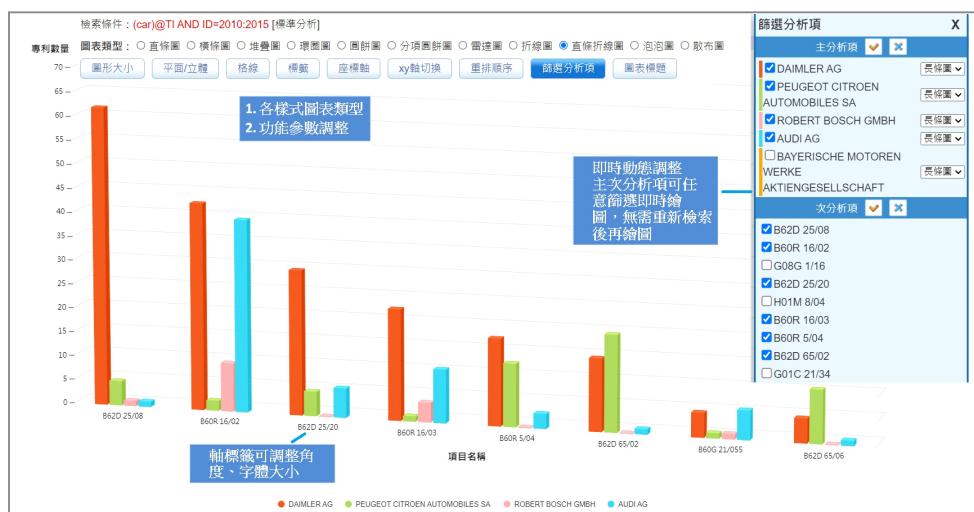
In 2023, TIPO added 2 new advanced functions to GPSS, including:

- (1) The "Patent Family Merging Display" features consolidates cases from the same family, to avoid redundant review of identical patents and enables detailed analysis of a single technology through precise charting.

專利家族	序號	公開公告日	公開公告號	專利名稱
#11	16	2021/09/16	TW202135414A	智慧電網系統及其功率管理方法 SMART GRID SYSTEM AND POWER MANAGEMENT METHOD THEREOF
#12	18	2021/07/16	TW202127393A	氣體偵測及淨化遙控系統 REMOTE CONTROL SYSTEM FOR GAS DETECTION AND PURIFICATION
#13	20	2021/04/01	TW202114343A	風扇正反轉遙控系統 Remote control system for forward/reverse rotation of fan
#14	21	2020/12/16	TW202046685A	網狀網路之傳輸訊號之方法及其遙控控制系統 METHOD FOR TRANSMITTING SIGNAL VIA MESH NETWORK AND REMOTE CONTROL
#14.1	22	2021/01/01	TWI715390B	網狀網路之傳輸訊號之方法及其遙控控制系統 METHOD FOR TRANSMITTING SIGNAL VIA MESH NETWORK AND REMOTE CONTROL
#14.2	23	2020/12/01	CN112017422A	網狀網路的傳輸信號的方法及其遙控控制系統 METHOD FOR TRANSMITTING SIGNAL VIA MESH NETWORK AND REMOTE CONTROL
#14.3	24	2020/12/02	EP3745375A1	METHOD FOR TRANSMITTING SIGNAL VIA MESH NETWORK AND REMOTE CONTROL
#14.4	25	2021/12/22	EP3745375B1	METHOD FOR TRANSMITTING SIGNAL VIA MESH NETWORK AND REMOTE CONTROL
#14.5	26	2020/12/03	JP2020195130A	メッシュネットワークの信号伝送方法とその遠隔制御システム METHOD FOR TRANSMITTING SIGNAL VIA MESH NETWORK AND REMOTE CONTROL
#14.6	27	2021/08/18	JP6920511B2	メッシュネットワークの信号伝送方法とその遠隔制御システム
#14.7	28	2020/12/03	US20200380857A1	Method for Transmitting Signal Via Mesh Network and Remote Control System Thereof
#14.8	29	2021/07/20	US11069228B2	Method for transmitting signal via mesh network and remote control system thereof
#15	30	2020/04/01	TW202011919A	具主動偵測自定式人工智慧手術導航推車

Patent Family Merging Display Function

- (2) TIPO has optimized the functionality for statistical chart analysis, providing industry professionals with tools for rapid, diverse analysis and the ability to adjust drawings and enhance chart aesthetics in real-time.

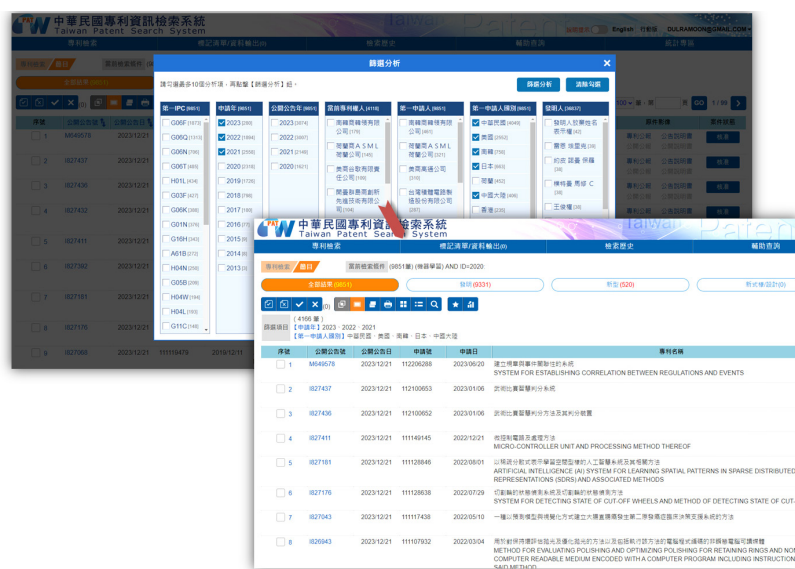


Global Patent Search System (GPSS)
<https://gpss.tipo.gov.tw/>

Taiwan Patent Search System (TWPAT)

In 2023, TIPO upgraded the Taiwan Patent Search System (TWPAT) to improve access to domestic patent information. Enhancements include:

- Improved search and filter functions: Users can now further filter patents after searching, allowing them to quickly find the information they need.
- Patent analysis by project type: This new feature provides users with a more comprehensive understanding of patent trends in different industries.
- More flexible statistical analysis: The statistics section provides users with more flexibility in their analysis.



New services of TWPAT

These enhancements will help users to quickly obtain and easily analyze patent information.

The Taiwan Patent Search System covers patent data from September 20, 1950 to the present. To search for global patent data, please use the Global Patent Search System (GPSS).



Taiwan Patent Search System(TWPAT)
<https://twpat.tipo.gov.tw/>

Trademark Search System

In response to the government's cloud policy and to improve the quality of services to the public, the Trademark Search System has been moved to the public cloud platform since March 23, 2023, providing enhanced service availability and expansion capabilities.

In order to improve the search function and the convenience of mobile device operation, TIPO introduced a UIUX redesign of the overall process and interface in 2023. The new version of the Trademark Search System will be completed and made available to the public in 2024.



New Trademark Search System website and mobile version



Trademark Search System
<https://cloud.tipo.gov.tw/S282/>

Industrial Patent Knowledge Platform (IPKM)

In 2023, IPKM enhanced its offerings by adding patent technology trends and expert insights in specific sectors of key development industries. This addition enables companies to quickly access critical intellectual property information, helping them to develop targeted R&D strategies and innovative directions. Moreover, a new feature was introduced for browsing patent drawing symbols in TIPO's invention and utility model patent publications, allowing users to quickly identify corresponding names during their search.



Industrial Patent Knowledge Platform (IPKM)
<https://ipkm.tipo.gov.tw/>

4. Knowledge Sharing

Patent

◆ Compilation of Patent Administrative Litigation Case Studies

TIPO has compiled 21 important administrative case studies in which TIPO's original dispositions were either revoked or sustained, into the Compilation of Patent Administrative Litigation Case Studies to discuss patentability factors such as inventive step, admissible evidence, and probative value of evidence. The Compilation of Patent Administrative Litigation Cases Studies: 2022 is available electronically on TIPO's website for public reference.

◆ Patent Administrative Rulings

TIPO has asked examiners to draft analytical reports on select patent administrative 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://topic.tipo.gov.tw/patents-tw/lp-741-101.html>

Trademark

◆ Constantly Developing and Maintaining Rulings on Well-Known Trademarks

TIPO continues to compile well-known trademark cases, now totaling 856, which have been recognized by the Petitions and Appeals Committee of the MOEA, all levels of courts, and the Taiwan Network Information Center (TWNIC) between July 2022 and June 2023. TIPO has also been analyzing the data within, including trends such as the distribution of trademark holders, etc., and the relevant information has been published on TIPO website for public reference.

◆ Trademark Rulings and Interpretations of Laws Updated

TIPO conducts bi-monthly reviews of civil, criminal and administrative trademark judgments issued by the IP and Commercial Court. From November 2022 to November 2023, a total of 40 significant trademark judgements were compiled, along with summaries and key point analysis. In addition, TIPO reviewed a total of ten interpretation letters relevant to trademarks laws and regulations. The topics include the transferability of trademark rights following company dissolution and liquidation, and factors for assessing nominative fair use. The aforementioned information has been published on the TIPO website for public reference.

Copyright

◆ Practical Guidelines for the Association Affairs of the Copyright Collective Management Organizations

To reinforce the good governance of Copyright Collective Management Organizations (CMOs), TIPO has collected practical operational examples from past years and supplemented these with guidelines from the Copyright Collective Management Organization Act. The findings are organized into two major parts: "The Association Affairs of the CMOs" and "Compilation of Key Points of the New Regulations," which provide references for CMOs.

Trade Secrets

◆ 2022 Compilation of Selected Court Rulings on Trade Secret Cases

To keep abreast of the latest judicial practices concerning trade secrets in Taiwan, TIPO selected 19 court rulings of significant reference value, compiling them into the 2022 Compilation of Selected Court Rulings on Trade Secret Cases, which was published on the TIPO website for public reference.



2022 Compilation of Selected Court Rulings on Trade Secret Cases

<https://www.tipo.gov.tw/tw/cp-12-923843-91018-1.html>

◆ Significant Case Studies on Trade Secret Litigation

TIPO has also curated three significant case studies on trade secret litigation, which have been published in the Trade Secrets Section on the TIPO official website for public reference.



Significant Case Studies on Trade Secret Litigation

<https://www.tipo.gov.tw/tw/lp-9-1.html>