



Harmony **IP** Law Firm

Harmony **IP** Law Firm is a professional firm specializing in services related to intellectual property rights.

We provide comprehensive services ranging from domestic and international patent filings to IP-R&D and patent litigation.

Table of Contents



Introduction of Patent Attorneys and Experts



Areas of Practice

- Domestic patent filings, PCT international applications, and overseas filings
- IP-R&D, patent roadmaps, market research, etc.



Key Accomplishments

- Technology demand surveys, corporate development projects
- Patent trials and patent litigation, etc.



Introduction of Patent Attorneys and Experts

- Dr. Ki Cheol Seok, CEO and Patent Attorney

Academic background & experience

- Doctor of Engineering, Incheon National University
- Master of Law in IP, Pai Chai University
- IP training at glp in Italy ('04.04-'06.04)
- Adjunct Professor at Inha University ('13.09~'14.08)
- Instructor of patent litigation strategy (Korea University Ph.D Program, '17.09~'18.02)
- Instructor of patent litigation strategy (Yonsei University Ph.D Program, '19.04~'22.05)
- Instructor of patent litigation strategy (KPEA)
- Working at the Ministry of Science and Technology('91.10~'98.02)
- Working at the KIPO ('98.02~'08.08)

A major performance

- 2,000 patent applications for KORAIL, KIER, KIAT, GERI, GHI, etc., 50 cases of patent trials & litigation
- Major patent trials and litigation wins
 - 2011Hu3889(Intellectual Property Trial and Appeal Board, Patent Court of Korea, Supreme Court of Korea)
 - 2010Dang1889(KIPT), 2013Hu2590(KPC, KSC), 2011Dang1070(KIPT),
 - 2011Dang1646(KIPT),
 - 2011Dang2336(KIPT),
 - 2013Heo4053(KPC, KSC)
 - 2013Heo4046(KIPT, KPC)
- IP-related books
 - Preparation of patent specification and patent litigation (2021, Yonsei University Graduate School of Engineering)
- Evaluation committee of KIAT, KEIT, KETEP, KAIA, NRF, NST, ETRI

Head Office



Address | 3F., 31, Sechojungang-ro 18-gil, Seocho-gu, Seoul, Republic of Korea (06634)

Introduction of Patent Attorneys and Experts

- Joo Tae Park, CEO and Patent Attorney

Academic background & experience

- Graduated from Korea National Railroad High School (1977)
- B.S. in Metallurgical Engineering, Seoul National University (1986)
- Member, Korean Patent Attorneys Association (KPAA)
- Patent Attorney, Harmony IP Law Firm
- Former Patent Attorney, IPERS Patent & Law Firm
- Former Patent Attorney, SHINWOO Patent & Law Firm
- Former Patent Attorney, Hongik International Patent & Law Office
- Former Patent Attorney, Re-International Patent & Law Office

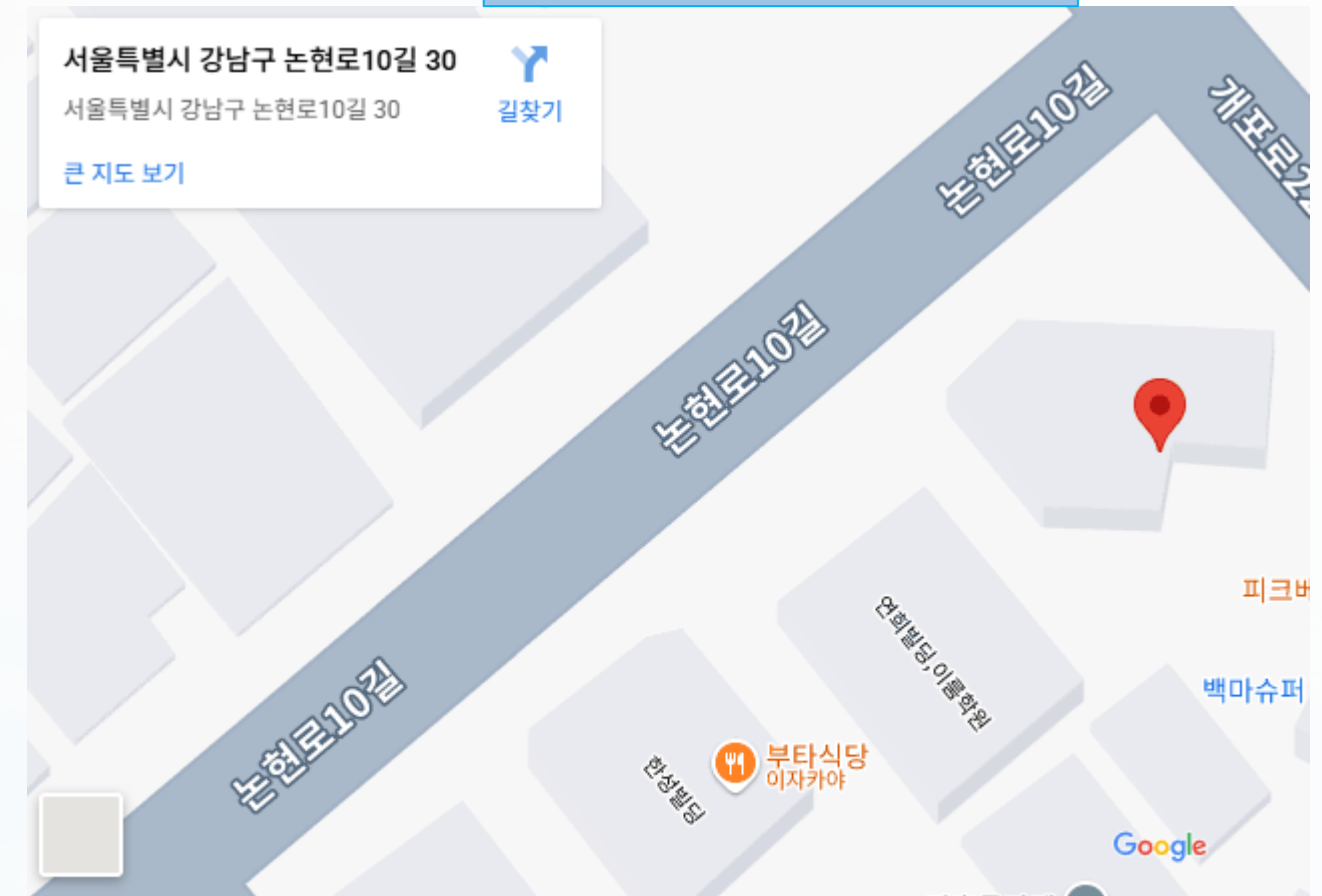
Major Patent Filings:

- KAIST (Korea Advanced Institute of Science and Technology)
- Casio Computer Corp. (Japan)
- JFE / Kawasaki (Japan)
- Westinghouse Inc. (USA)
- RIST (Research Institute of Industrial Science & Technology, Korea)
- POSCO (Pohang Iron and Steel Co., Ltd.)
- Doosan Infracore Co., Ltd.
- Korea Research Institute of Standards and Science (KRISS)

Notable International Patent Applications:

- Sealing and Safety Apparatus for Door
- Mathematics Education Device and Method Capable of Self-Directed Learning, etc.

First Branch Office



30, Nonhyeon-ro 10-gil, Gangnam-gu, Seoul, Republic of Korea

Introduction of Patent Attorneys and Experts

- Seong Seob Lee, Partner and Patent Attorney

Academic background & experience

- Graduated from National Railroad High School('83)
- Graduated from Seoul National University, Department of Mechanical Engineering, College of Engineering('87)
- Working at Korea National Railroad Administration
- Working at Board of Audit and Inspection
- Working at Korea Intellectual Property Office(KIPO, Deputy Director Retirement)

Certificate

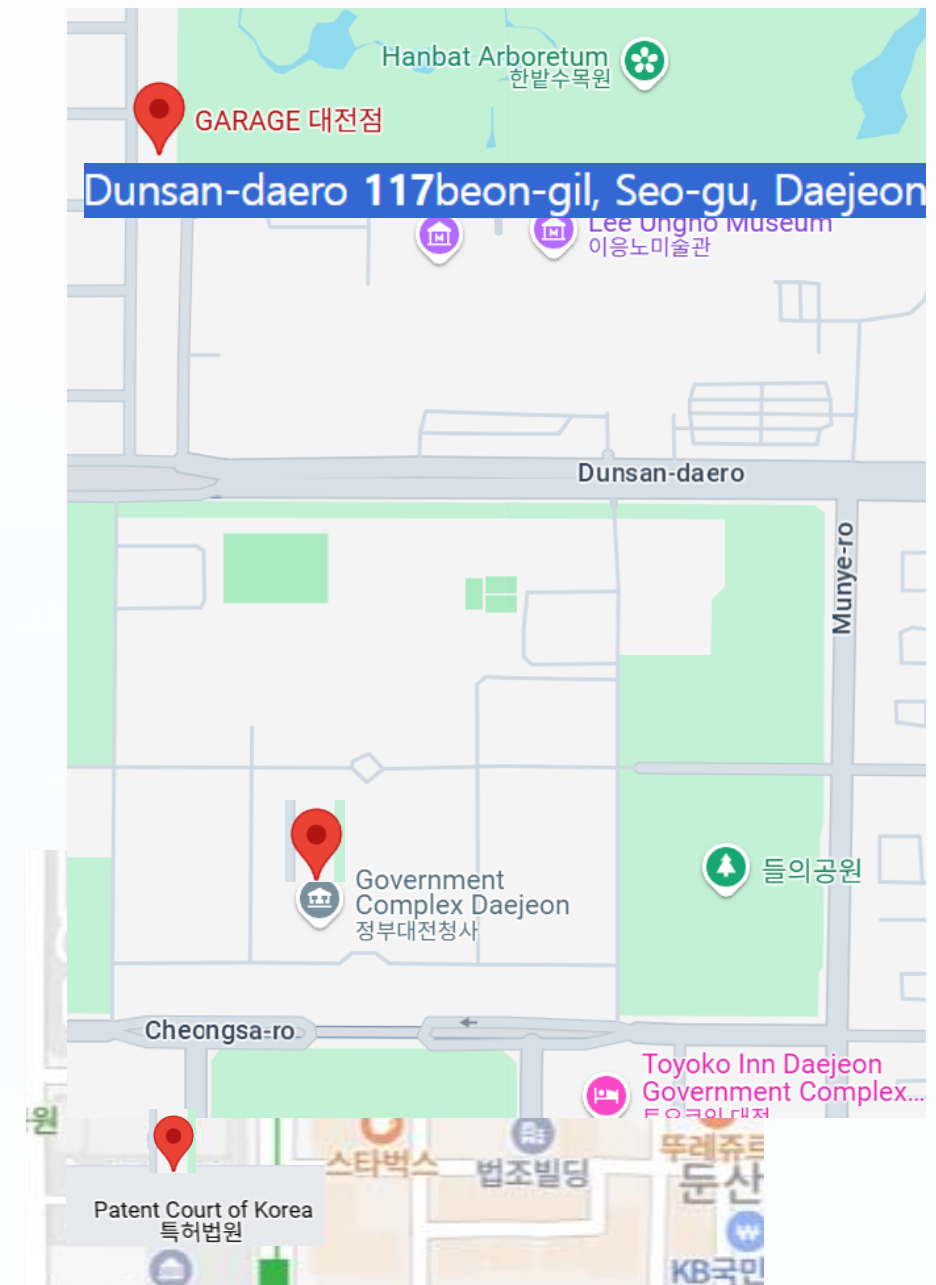
- Patent Attorney
- Technology Transfer agent
- Administrative Agent

A major performance

Patent Examiner(chief examiner), KIPO

- Semiconductor, Manufacturing System,
- Air conditioning Machinery, Mechatronics Examination Litigation Officer, IP Trial and Appeal Board Trial Examiner(senior examiner), IP Trial & Appeal Board
- KIPO Liaison Officer, China IPTC under CNIPA
- Intellectual Property Consul, Consulate General of the Republic of Korea in Guangzhou
- Employee Invention Review Committee Member, Korea Railroad Corporation
- Judge for Selecting Excellent Procurement Products, Public Procurement Service

Second Branch Office



Introduction of Patent Attorneys and Experts

- Jong Man Park, Partner and Patent Attorney

Academic background & experience

- Graduated from Dongincheon High School (1976)
- B.S. in Metallurgical Engineering, Inha University (1986)
- Member, Korean Patent Attorneys Association (KPAA)
- Patent Attorney, Harmony IP Law Firm
- Patent Attorney, Harmony Patent & Law Firm

A major performance

Patent trend analysis

- Wind turbine blade recycling technologies
- Seismic design technologies for switchboards
- Ag Tech (advanced agricultural machinery) industry

Technical Expertise in Industrial Patents

- Gearbox and reducer systems for crawler vehicles
- Manufacturing technology for automotive parts (boots)
- Production of parking guide speed bumps
- Battery module case production using living hinge technology
- Progressive die technology for automotive brackets
- Portable power bank charging systems

Introduction of Patent Attorneys and Experts

- Eun Jung Park, General Manager

Education and Career

- Completed Ph.D. coursework in Public Administration at Daegu University
- Trademark Expert
- Design Expert
- General Manager of Business Support Programs
- Domestic Patent Applications, PCT/International Patent Applications
- Corporate Needs Analysis

- Ji Ae Shon, Patent Technical Specialist

Education and Career

- Graduated from Korea University of Technology and Education (Major in - Information and Communication)
- Preparation of Prior Art Search Reports
- Drafting of Patent Specifications and Drawings
- Drafting of Office Action Responses and Amendments
- Patent Drafter specializing in Electrical, Electronic, and Information and Communication Technologies

Introduction of Patent Attorneys and Experts

- Jeong Hwa Yu, Patent Technical Specialist

Education and Career

- Bachelor's Degree in Mechanical Engineering, Soongsil University
- Patent Drafter specializing in Electrical Devices, Mechanical Devices, and Construction
- Environmental, Industrial, Patent, and Market Analysis
- Drafting of Patent Specifications
- Drafting of Office Action Responses and Amendments

- Su Ae Seok, IP (Intellectual Property) Analyst

Education and Career

- Graduated from Korea National University of Transportation, Department of Chemistry
- Bachelor's Degree in Intellectual Property from the National Institute for Lifelong Education
- Certified IP Information Searcher by the Korea Intellectual Property Service Association
- Patent Holder of Patent No. 10-1602806: Anti-Loosening Bolt Assembly
- Analysis of Evasion Strategies for Developing Alternative and Workaround Technologies
- Identification of Core Technologies of Leading Companies and Proposal of Optimal Improvement Patent Strategies
- Suggestion of Alternative Technology Acquisition Plans through Patent Analysis

Introduction of Patent Attorneys and Experts

- Dr. Yeong Cheol Seok, Advisor

Education Background

- Ph.D., Economics, The Ohio State University, Columbus, Ohio(89)
- M.A., Economics, The Ohio State University, Columbus, Ohio(87)
- Graduate School of Economics, Seoul National University, Seoul, Korea(83)
- B.A., History, Seoul National University, Seoul, Korea(81)
- Assistant Professor, Dept. of Economics, University of Cincinnati ('90.01 ~ '94.08)
- Adjunct Professor at Otterbein University, U.S. ('89.09 ~ '89.12)
- Professor of endow chair, Inha University ('17.03 ~ '19.05)

Professional Experience

- Professor for Special Affairs, Inha University ('23.03 ~)
- President, Korea Institute for Advancement of Technology (KIAT) ('19.06 ~ '22.09)
- Executive Director for International Cooperation, Office of Strategic R&D Planning, Ministry of Trade, Industry, and Energy ('14.07 ~ '16.11)
- Vice President, KIAT ('09.05 ~ '13.09)
- Assistant Professor, Dept. of Economics, University of Cincinnati ('90.01 ~ '94.08)
- Member, National Academy of Engineering of Korea(NAEK) ('13.01 ~)
- Policy Advisory Member, National Science and Technology Council(NSTC) ('99.07 ~ '04.06, and '10.02 ~ '11.01)
- Member, American Association for the Advancement of Science (AAAS) ('95.03 ~)

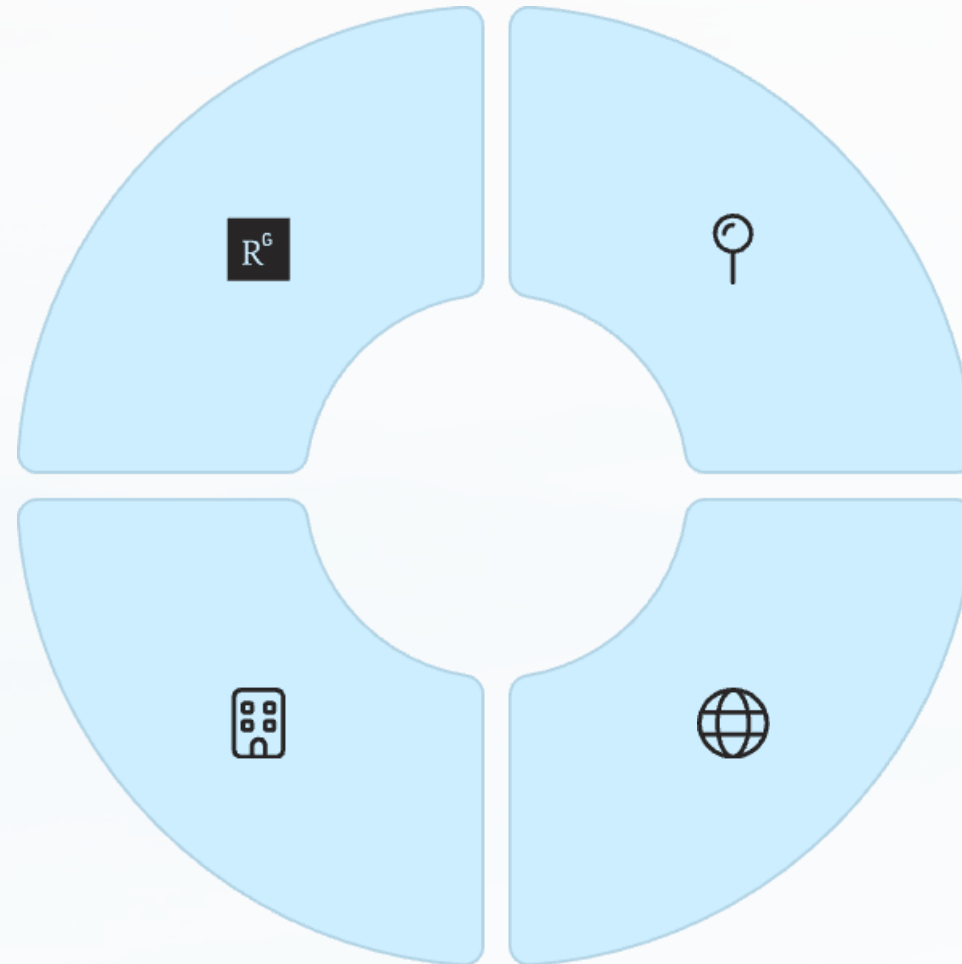
Areas of Practice

IP-R&D Projects

- Patent analysis, design-around strategies, and original patent filings

Performance Analysis

- Establishment and operation of key R&D evaluation facilities



Patent Roadmap Projects

- Patent creation based on product technology refinement

Domestic and International Filings

- Domestic and overseas applications, PCT filings, patent trials, and litigation

Key Business Achievements - 1



Patent Roadmap

2021 Project:

Manufacturing advancement through specialization in the Gyeong Buk Industrial Complex



Corporate Support Projects

2020 Project:

Support for high-end product development and patenting in the intelligent digital device industry

2016 Project:

Patent support for export promotion in the digital device industry

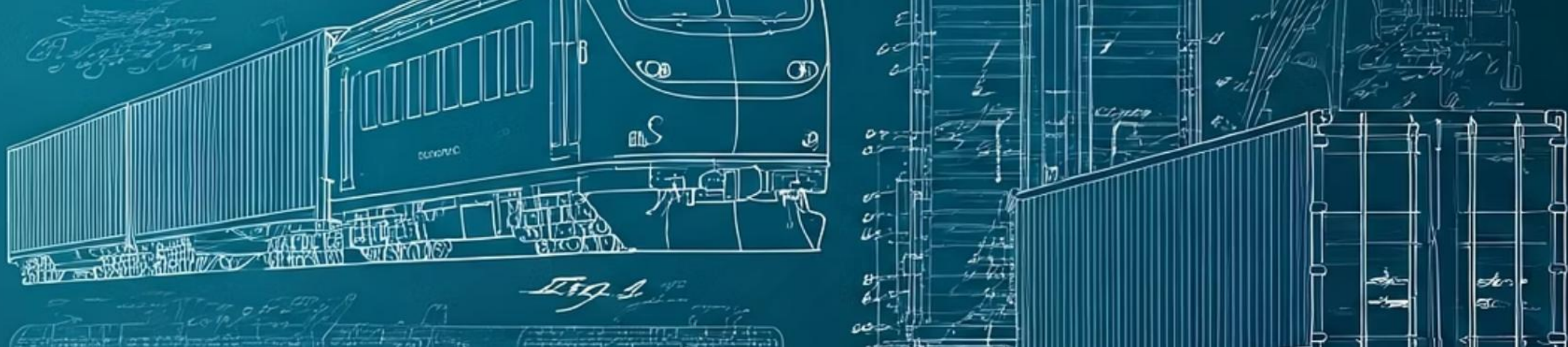


Overseas Filing Projects

Environmental analysis of secondary battery pack systems

Technology demand research on carbon parts recycling (recycling of carbon components)





Key Business Achievements - 2

Patent Trend Analysis (A)

- Contact-type containers
- Passenger itinerary-based transportation system
- High-speed rail electric line maintenance management system

Patent Trend Analysis (B)

- Bulk cargo transport reloading equipment
- Non-slip water pipe joint replacement technology
- Urban rail systems

Patent Trend Analysis (C)

- Thermoelectric power generation technology
- Transparent electrodes using organic electronic materials
- Nanodiamond manufacturing technology

Global Network Overview

India



Intellectual Property Law Firm

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Japan



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Global Network Overview



China



European Union



<https://www.glp.eu/en/>



United States



For Stronger Patents, Choose Harmony **IP** Law Firm!



Expert Analysis

In-depth patent trend analysis



Tailored Strategies

Patent strategies optimized for client needs



Robust Protection

A solid system for protecting intellectual property rights