

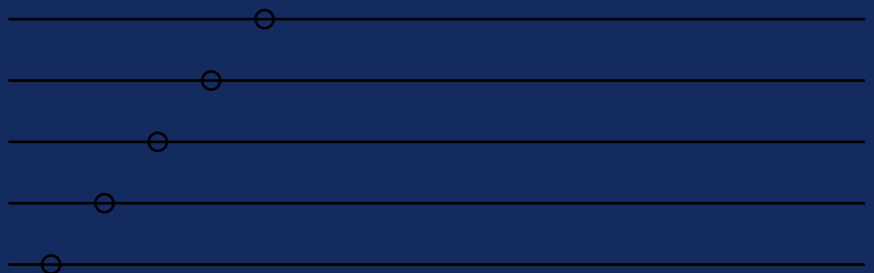


PINE

Pine IP Firm

Korea Patent Attorneys

Protecting ideas. Building IP value.





An Idea is an Asset.

We protect your assets and value them highly.

Looking for a Korean IP firm? Pine IP Firm offers one-stop services to protect and grow intellectual property, including patents, trademarks, and design filings. Our Korean Patent Attorneys provide fast and reliable consultation to safeguard ideas and innovations at every step.

Practice Focus

- Korean patents, trademarks, designs
- Foreign filing and global portfolio strategy
- Dispute prevention and resolution
- IP strategy, patent mapping, and consulting



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A trusted patent and IP partner

Pine IP Firm is an intellectual property practice specializing in advanced technology. We focus on protecting clients' valuable assets and maximizing their business value.

Based on deep technical understanding and accumulated prosecution experience, we develop tailored patent strategies for each client's ideas and innovations. Our first priority is client success. We go beyond filing and registration, continually asking how patents can support commercialization, investment, financing, technology transfer, and growth.

We work closely with startups, growth companies, and established enterprises from the R&D stage. By analyzing fast-changing technology trends, we design practical strategies that protect innovative ideas and help convert IP into a driver of corporate value.

Communication is the core of successful collaboration. We understand each client's business goals and vision, then translate them into patent and IP protection strategies that work in the real market.



Experience across public IP programs

Selected credentials, program affiliations, and client experience reflected in the Korean brochure.

01

Traditional Culture Innovation Voucher provider

02

KOTEC Intellectual Property Deduction partner institution

03

Member, Korea Artificial Intelligence Association

04

Member, Korea AI Industry-Academia-Research Association

05

Service provider, Korea Patent Strategy Development Institute

06

Service provider, Korea Intellectual Property Center / Regional IP Center

07

Early Diagnosis Consulting Specialist, Korea Intellectual Property Protection Agency

08

Export Voucher provider

09

Innovation Voucher provider

With Pine

Public-sector IP programs, voucher projects, IP/R&D strategy,
and client work from startups to established technology companies.

Kang Min-ho

Korean Patent Attorney

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■ Experience

- Representative, Pine IP Firm (2022)
- Jiwon Patent Law Firm (2020-2021)
- Lee & Mok Patent Law Firm (2019-2020)
- Woojin Patent Law Firm (2017-2018)
- B.S., Electronic and Electrical Engineering, Sungkyunkwan University (2012)
- Korean Patent Attorney qualification (2017)

■ Selected Roles and Work

- Evaluation committee member, Public Procurement Service
- Initial Startup Package evaluation committee member
- Startup mentoring and consulting roles for Ulsan and Pohang innovation programs
- Samsung Electronics: AI, UI/UX, IoT filings, office action responses, foreign trials, and competitor-targeted claims
- Yonsei Medical Center: AI-based medical devices and medical image processing technologies





Jung Jae-yeol

Korean Patent Attorney

jjjung@pinepat.com

■ Experience

- Representative Patent Attorney, Pine IP Firm (2024-present)
- Lee & Mok Patent Law Firm (2021-2024)
- Haeon Patent Law Firm (2021)
- Yoon & Lee Patent Law Firm (2019-2020)
- B.S., Electrical, Electronic and Radio Engineering, Korea University (2019)
- Korean Patent Attorney qualification (2016)
- Certified Technology Transfer Agent

■ Selected Roles and Work

- Mentor, Youth SW Startup Academy
- Evaluation committee member, Public Procurement Service
- Corporate mentor, Ansan Innopolis
- Samsung Electronics: communications standards matters
- Naver, Hanwha Vision, and Hanwha Aerospace: battery and AI matters
- Samsung Medical Center, Agency for Defense Development, and DAPA representation

Yeo Jung-Min

Korean Patent Attorney

jmyeo@pinepat.com

■ Experience

- Partner Patent Attorney, Pine IP Firm (2025-present)
- Lee & Mok Patent Law Firm (2018-2025)
- Gasan Patent Law Firm (2017-2018)
- LIG Nex1 (2012-2014)
- Passed the 53rd Korean Patent Attorney Examination (2016)
- M.S., Mechanical and Aerospace Engineering, Seoul National University (2013)
- B.S., Electrical and Electronic Engineering, Yonsei University (2011)
- Member, Korean Patent Attorneys Association (2021-present)

■ Selected Roles and Work

- Represented matters for Samsung Electronics, Samsung Science & Technology Foundation, KT&G, and the Agency for Defense Development
- Selected as an excellent SAIT representative for Samsung Electronics (2020, 2024)



From consultation to registration

Pine IP Firm values each client's ideas and creative works. We propose tailored Korean filing strategies so clients' ideas can be protected broadly and effectively.

Patent Filing

- Prior art search and patentability assessment
- Patent specifications and applications
- Commercialization strategy using patents
- Licensing and technology transfer negotiation support

Trademark Filing

- Trademark selection, clearance, filing, and registration
- Trademark strategy to prepare for disputes
- Negotiation strategy and solutions for conflicts

Design Filing

- Design drawings, prosecution, and registration
- Responses to office actions
- Design infringement risk response

Copyright Registration

- Copyright registration procedure support
- Protection strategy for creative works
- Practical protection methods for various works



Protecting inventions on the international stage

Strong overseas IP rights are central to global competitiveness. Pine IP Firm uses practical filing experience and a global network to help innovative technologies receive protection and recognition worldwide.

Global Patent Portfolios

- Build portfolios aligned with business expansion plans
- Select filing countries based on cost effectiveness and market value

Faster Overseas Registration

- Apply strategies such as PPH and bypass routes when appropriate
- Plan filing routes and timing for each jurisdiction

Direct National Filings

- Draft and amend specifications with local laws in mind
- Create tailored responses to overcome office actions

Technical Translation

- High-quality translation reflecting local legal systems and practice
- Consistent terminology for multilingual prosecution

PCT Applications

- Review protection possibilities across PCT member states
- Plan national phase entry and analyze international search reports

Marks, Designs, and Maintenance

- Use Madrid and Hague systems for international registration
- Manage annuities, licensing, and global dispute readiness after registration

We prevent disputes. We resolve disputes.

Pine IP Firm provides practical solutions for patent, trademark, and design disputes, including preventive analysis and direct response when a conflict arises.

IP Dispute Prevention

- Pre-dispute searches for patents, trademarks, and designs
- Risk identification before product launch or market entry
- Defense of rights through procedures, negotiation, mediation, and arbitration

Patent Maps and FTO

- Analyze patent trends related to the client's technology
- Identify competitor portfolios and potential conflicts
- Reduce litigation risk through invalidity analysis and design-around options

Direct Dispute Response

- Provide realistic, direct response strategies when disputes occur
- Support investigations, replies, and rights-defense procedures
- Prepare evidence and positions for business-critical conflicts

Global IP Disputes

- Prevent and resolve overseas patent, trademark, and design disputes
- Build strategies reflecting each country's IP system and technology field
- Support overseas portfolio and dispute-prevention strategy

Patent maps and FTO analyses can later support non-infringement positions, guide R&D direction, and serve as technical indicators for listing or investment review.

A new standard for IP strategy

Pine IP Firm provides strategic consulting across the full IP lifecycle: creation, acquisition, registration, and utilization. We connect patents to financing, collateral, public programs, commercialization, and growth.

IP Acquisition Strategy

- Rights strategies designed to withstand disputes
- Portfolio-level planning that reflects recent patent dispute trends
- Cost-efficient prosecution plans
- Two-way strategies that consider overseas filings from the Korean filing stage

IP Utilization Strategy

- Commercialization, financing, and management consulting using patents
- Matching with researchers and labs to support internal R&D capacity
- Planning for joint R&D programs
- Funding strategies using IP guarantees, IP collateral, and policy-based patent acquisition tracks

IP Creation Strategy

- Prior-art-based IP creation strategies aligned with business direction
- Communication with in-house researchers to capture inventions
- Technical-gap analysis for successful patent acquisition
- Claim design and IP-based scoring support for public procurement and innovative product programs

Integrated support for IP-backed growth

Patent Maps

Search and collect patent data related to target technologies; provide optimized patent analysis for each technology field and organization; perform RIPC, KIPA, and KISTA patent-map projects or customized in-house patent maps.

Prior Art Search

Review patentability through prior art and prior trademark searches; build non-infringement strategies including free technology defenses; monitor competitor filings and analyze R&D direction.

IP R&D

Link intellectual property with R&D through tailored strategy; identify blocking patents before product launch; secure strong patents and set R&D direction through IP/R&D support programs.

Government Programs

Support business commercialization and R&D funding projects; work with Regional IP Center SME programs such as IP Narae, IP Direct Support, and Global IP Star; support startup, export, data, and tourism voucher programs.

Advisory and Consulting

Advise on efficient IP creation strategy, internal IP team operations, phased government-support strategies, startup IP management, and employment subsidy utilization.



Pine IP Firm

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Ulsan Office

Room 208, 223 Beonyeong-ro, Nam-gu, Ulsan, Republic of Korea 44687

Protect your innovation.

Build practical IP value
with Pine IP Firm.

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Protecting ideas. Building IP value.