

*The Best  
Intellectual Property  
Consultancy*



**HANGANG**  
— IP LAW FIRM —



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## OVERVIEW

**HANGANG IP LAW FIRM** is a leading Korean intellectual property consultancy which provides exceptional legal services with a creative approach and an in-depth focus on building long-term partnerships.

Our IP practice covers **all aspects of patents, trademarks, and designs in Korea**. Our professionals have a deep understanding of broad ranging issues such as electronic, mechanic, and chemical fields.

We advise our clients **how to turn unique ideas and concepts into intellectual property assets**, which are capable of generating new streams of revenue for them.

We provide clients **with technical, legal and strategic advice from conception of the original idea** to marketing of the finished product or service, including handling of conflicts and contracts.

We are looking for cooperation with various companies requiring our expert legal services. Our outstanding experiences would help our future client's IP matter.





Professional personnel profile

## HYUK KIM

- Co-ManagingPartner
- Korean PatentAttorney
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**Mr. KIM** is co-managing partner of Hangang. He has substantial experience in obtaining patents in diverse technology area including wireless communication, UX/UI, AI, display, semiconductor. Specially, he has expertise in standard essential patent(SEP). He drafted and prosecuted patent specifications related to 3GPP LTE/LTE-A, NR, 6G and IEEE 802.11 WiFi. Also, He analyzed standard essential patents related to 3GPP LTE/LTE-A NR, 6G and IEEE 802.11 WiFi with preparing claim charts. Prior to joining Hangang, Mr. KIM worked at MARU IP firm and SAMSUNG as an In-house Counsel. Mr. KIM graduated from Korea Advanced Institute of Science and Technology(KAIST) with Electrical Engineering degree(B.S, double major : department of business and technology management). Mr. KIM is a registered Korean Patent Attorney(2010)



Professional personnel profile

## MOOWON SEO

- Co-ManagingPartner
- Korean PatentAttorney
- Korean Certified Valuation Analyst
- [mwseo@hangangip.co.kr](mailto:mwseo@hangangip.co.kr)

**Mr. SEO** is a co-managing partner of Hangang. His expertise covers patent applications as well as appeals and lawsuits in a wide range of electrical and electronics areas, including physics, electronic engineering, electric circuitry, telecommunication. Mr. Seo represented a number of well-known Korean IT corporations such as Webcash Co. Ltd., Bizplay Co. Ltd. and Coocon, Inc. in Korean Patent Office and courts of various levels. Mr. Seo also worked on strategies and briefs for various patent appeals and litigations at the District Court, Patent Court and Supreme Court. He also collaborate with foreign counsels in the prosecution of large foreign patent applications in various countries including the United State, Europe, Japan, China, Taiwan, Singapore, and among other. Mr. Seo graduated from Seoul National University's Department of Physics, and he finished the semiconductor processing education course hosted by Seoul National University's Inter-university Semiconductor Research Center in 2008 and the technology valuation education course hosted by Korea Patent Attorneys Association in 2009.



Professional personnel profile

### BYUNGUK CHOI

- Co-ManagingPartner
- Korean PatentAttorney
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**Mr. CHOI** is a co-managing partner of Hangang. He has substantial experience in obtaining patents in diverse technology areas including Banking solution, Ad, Mobile Messenger, Mobile pay, Block Chain, GAN(Generative adversarial network), 3D printing, Medical system such as medical devices and medical services and others. Prior to joining Hangang, Mr. CHOI worked at KIM, CHOI and LIM, one of the largest intellectual property law firms in Korea and LINE corporation as an In-house Counsel where he has been conducted several freedom-to-practice, validity, and infringement investigations for US, JP, and KR. Mr. CHOI graduated from Kyunghee University with an Electronics and Radio Engineering degree (B.S.). Mr. CHOI is a registered Korean Patent Attorney (2010).



Professional personnel profile

### KIHA PARK

- Founder&Co-ManagingPartner
- Korean PatentAttorney
- Korean Certified Valuation Analyst
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**Mr. PARK** is the founder and a co-managing partner of Hangang IP Law firm. He has applied his extensive engineering and business background to practicing Korean and International IP law including patents, trademarks, designs and copyrights. Technology fields of Mr. Park's patent practice cover Digital Media, Computer, IT(Information Technology), etc. Mr. PARK also has professional knowledge and experience in technology valuation including royalty assessment. Mr. Park represented a number of Korean corporations such as TW Mobile co., Ltd., GRAVITY co., Ltd.(NASDAQ Listed) and R&DB foundations of several Universities in Korean Patent Office and courts of various levels. He also drafted numerous reports of IP valuation analysis. Before he founded Hangang, Mr. Park had worked for the leading Korean IT company as a programmer, having professional knowledge of and experience in client and server programming. Mr. Park graduated from Seoul National University with B.Eng., Physics (2004) and Korea National Open University with B.Laws (2010).



Professional personnel profile

### TAESUNG CHOI

- Partner
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- Korean Certified Valuation Analyst
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**Mr. CHOI** is a partner in Hangang and specializes in preparing and prosecuting patent applications in a wide range of robotics, biomedical engineering, nanotechnology, and machine technology. He also has professional knowledge of technology valuation. Prior to joining the firm, he worked at KIM, CHOI & LIM, Korean law firm where he handled various IP matter such as prosecuting patent, utility model and industrial design, handling appeals and lawsuits for his clients. He also previously worked as an In-house Counsel with IP center of Samsung Electronics where he has experienced patent & technology analysis regarding patentability, validity and infringement. Mr. Choi graduated from Seoul National University with a degree in Mechanical and Aeronautical Engineering (B.S.), finished the semiconductor processing education course hosted by Seoul National University's Inter-university Semiconductor Research Center, and completed the language programs in Chinese language at Beijing Normal University.

# What We Do



## EXPERTISE OF COMPUTER RELATED INVENTIONS

OUR PROFESSIONALS HAVE TECHNICAL BACKGROUND AND EXPERIENCE IN FTO/PRIOR ART SEARCH / PROSECUTION IN THE FIELD OF COMPUTER SOFTWARE.

OUR FIELD OF PRACTICE INCLUDES:

### MACHINE LEARNING

- ALGORITHM / ARCHITECTURE
- PREPROCESSING / LABELING
- GAN

### BLOCK CHAIN

- CONSENSUS NETWORK
- SMART CONTRACT
- IPFS / DHT

### FINTECH

- SEARCH ALGORITHM
- SERVER ARCHITECTURE
- INFORMATION SECURITY
- OCR
- EKYC

## DOMESTIC AND GLOBAL PATENT PROSECUTION

WE REPRESENT MANY APPLICANTS WHO OPERATE INTERNATIONALLY FOR PROTECTION OF THEIR INTELLECTUAL PROPERTIES, BOTH DOMESTIC AND FOREIGN, AT VARIOUS LEVELS OF PROSECUTION.

OUR MAJOR CLIENTS INCLUDE IT CORPORATIONS SUCH AS:

- GRAVITY CO., LTD. (NASDAQ LISTED),
- WEBCASH CO., LTD. (KOSDAQ LISTED),
- COOCON CO., LTD.
- BITNINE CO., LTD.
- TW MOBILE CO., LTD.
- R&DB FOUNDATIONS OF UNIVERSITIES

WE ALSO HAVE A STRONG NETWORK OF LOCAL COUNSEL SUPPORT IN JURISDICTIONS THROUGHOUT THE GLOBE.

## EXPERIENCE WITH LAWSUIT / TRIAL

WE WORK DILLIGENTLY WITH OUR CLIENTS TO ENSURE STRONG PROTECTION OF IP RIGHTS. OUR PROFESSIONALS HAVE YEARS OF EXPERIENCE IN LITIGATIONS IN VARIOUS FIELDS.

- MULTIPLE PATENT INFRINGEMENT AND INVALIDATION CASES FOR BIGGEST COSMETIC COMPANY IN ASIA AGAINST COSMETIC FOAM PROVIDERS
- PATENT INFRINGEMENT AND INVALIDATION CASES BETWEEN LCD MANUFACTURERS
- ANALYSIS OF US PATENTS OF B COMPANY (MAJOR MOBILE COMPANY IN CANADA)
- ESTABLISH RESPONSE STRATEGY (MR. CHOI WORKED AS AN IN-HOUSE COUNSEL IN LINE CORPORATION)



### Expertise

- Wireless Communication (3GPP LTE/LTE-A, NR, 6G)
- Wireless Communication (IEEE 802.11ac, IEEE 802.11ah, IEEE 802.11ax, IEEE 802.11be)
- User Experience/User Interface (UX/UI)

### Practice Examples

- Drafted and prosecuted patent specifications related to 3GPP LTE/LTE-A, NR, IEEE 802.11 WiFi
- Patent specification related to 6G(AI/ML, Federated learning, RIS, Quantum, etc)
- Analyzed standard essential patents related to 3GPP LTE/LTE-A, NR, IEEE 802.11 WiFi
- Analyzed ETSI declaration SEP(standard essential patent)
- Drafted standard patent invalidity report
- Prepared Claim Charts
- Performed Patent Litigations in connection with mobile service

# CLIENTS



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