



# Jae-hwan SIM

## YEAR OF PRACTICE

- 2000 ~ Present

## EDUCATIONAL BACKGROUND

- Yonsei University, BS in Radio Sciences and Engineering (2001)

## ADMISSIONS / AFFILIATIONS

- Admitted to Patent Bar (2000)
- KPAA (Korean Patent Attorneys Association)

## TECHNICAL EXPERTISE

- Wireless Communication Networks (Physical layer; MAC layer; MIMO; Beamforming; OFDMA; SC-FDMA; COMP; CA; ICIC; PTP; D2D; Small cell; mm Wave; Massive MIMO; Network slicing; HetNet; Link Adaptation; H-ARQ; TDM; IoT)
- MPEG (Video Compression/Movement Compensation), Network Security (Encrypting; Decrypting Algorithm), Optical Communication, etc.

## PROFESSIONAL EXPERIENCE

- Creating an specification and handling an application regarding HARQ and MPEG (video compression, movement compensation)
- Handling OA and trial regarding RF (Oscillator, Amplifier, PLL, Mixer, Antenna, Duplexer)
- Handling patent litigation for cancellation of a trial decision and opposition regarding Hand-off technology
- Handling patent litigation for cancellation of a trial decision regarding variable rate vocoder
- Handling patent opposition regarding encryption/decryption, location tracking, and UMTS channel allocation
- Handling patent litigation for cancellation of a trial decision and opposition regarding disk that read and record multimedia
- Handling OA and trial regarding CDMA (IS-95/CDMA2000), WCDMA, mobile internet (WiBro/HSDPA) and LTE (MIMO; OFDM; ICIC; CA; COMP; Beamforming)
- Participating in the preparation team for injunction and infringement litigation regarding power control
- Advanced technology investigation and patent analysis for transmitting device that has a hollow profile
- Handling patent trials and oppositions regarding 5G (mmWave/Network slicing/Massive MIMO/ Small cell)

## CONTACT

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## OTHERS

- IP Rights Specialist in IT Sector of the Information and Communication Research Agency
- Lecture: Establishment and utility of BM patent
- Lecture: Examination Procedure (KR vs US)
- Lecture: Allowability for various claim types in Korea
- Lecture: 3 Track Examination / Patent infringement and remedies thereto in Korea
- Lecture: Novelty issue in Korea (Comparison with US)