

Muzammil Hassan

Director of Patent Monetization

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I am an Intellectual Property (IP) expert with 13 years of experience in patent licensing, monetization, litigation, IP management, reverse engineering, and standard-essential patents (SEPs). I have extensive experience leading large teams of patent analysts and consultants, overseeing comprehensive IP solutions, and managing a team of approximately 70 members. My technical work includes reverse engineering, testing, and packet capturing for patents covering diverse technologies, such as processors, hybrid vehicles, display technologies, AI/ML, client-server communication, and standards like 3GPP and IEEE.

I am also the author of three essentiality-check reports for patents declared as 5G-essential to ETSI. One notable report involved the analysis of over 21,000 patents, with assessments provided on their essentiality to 5G standards.

Education

Bachelor of Information Technology Engineering

Punjab Technical University, Jalandhar | July 2008–May 2012

Areas of Expertise

- Patent Licensing & Monetization
- IP Litigation & Management
- Reverse Engineering
- Team Leadership & Mentorship
- Strategic Portfolio Development
- Standard-Essential Patents (SEPs)
- Technical Analysis (AI/ML, Processors, Hybrid Vehicles)
- Cross-Licensing Deals
- Claim Charting & Patent Prosecution

Employment

Quandary Peak Research

Director of Patent Monetization | Mohali, India | Nov 2024–Present

- Leading India Operations to support technical experts across various technology domains in making informed, accurate decisions on clients' IP matters.
- Overseeing patent monetization services.
- Delivering customized, innovative solutions to address clients' patent licensing and monetization needs.
- Consulting clients on patent licensing, monetization, litigation, and acquisition matters.

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Head – Infringement Services | Mohali, India | Oct 2022–Oct 2024

- Led a team of approximately 60 patent analysts and consultants.
- Supported clients with patent portfolio analysis, in-licensing and out-licensing deals, patent sales and acquisitions, and patent litigation.
- Developed innovative solutions to enhance the efficiency of in-house infringement studies.
- Engaged in around 100 patent licensing and monetization projects annually.
- Authored a unique, comprehensive 5G Essentiality Study Report.

Group Manager – Infringement | Mohali, India | Oct 2021–Sept 2022

- Expanded the team from 18 to over 40 members within one year.
- Trained team members across various IP services.
- Contributed to IP licensing and infringement cases.

Research Analyst, Team Lead and Manager – Infringement | Mohali, India | June 2011–Sept 2021

- Conducted product searches to confirm infringement across diverse technology domains, including advertising, media streaming, content delivery networks, processors, telecom, WiFi, audio streaming, codecs, servers, and virtualization.
- Acquired mentorship skills to train team members and ensure quality in infringement studies.
- Scaled the team from 10 to over 50 members.
- Developed customized solutions to address unique IP challenges for clients.
- Supported clients in securing multi-million dollar licensing deals.
- Assisted clients in selling patents at higher-than-expected market values.
- Guided clients in purchasing patents that complement their existing portfolios.
- Helped non-practicing entities (NPEs) identify and acquire patent portfolios for maximum ROI, designing effective litigation and licensing strategies.

Intellectual Property Consulting

- **Cozen O'Connor** | Aug 2025–Present
Nature of Consultation: Patent Acquisition Support
Technology: MEMs and Power Control
- **Farjami & Farjami LLP** | May 2025–Present
Nature of Consultation: Patent Analysis & Monetization
Technology: Speech recognition.
- **Confidential Consulting Company** | Mar 2025–Present
Nature of Consultation: Prior Art Patent Analysis
Technology: Multimedia.
- **Confidential Manufacturing Company** | Mar 2025–Present
Nature of Consultation: FTO Search
Technology: Textiles.
- **Sullivan & Cromwell LLP** | Feb 2025–Present
Nature of Consultation: Patent Analysis
Technology: Audio codec.
- **Confidential Consulting Company** | Feb 2025–Present
Nature of Consultation: Patent Analysis & Monetization
Technology: User tracking and rewards.
- **Confidential Technology Company** | Jan 2025–Present
Nature of Consultation: Patent Portfolio Analysis
Technology: Digital advertising.
- **Confidential Technology Company** | Dec 2024–Present
Nature of Consultation: Patent Analysis
Technology: Video codecs, streaming technology.

Technical Due Diligence & Audits

- **Lenskart Solutions** | Startup M&A | Apr 2025
Technology: Extended Reality (XR), Augmented Reality (AR), Mixed Reality (MR).

Notable Assignments

Authored 3 5G Essentiality Reports

- Conducted essentiality checks of more than 21,000 patent families declared essential to 5G standards.
- Reports cited by Bloomberg, CNBC, Al Jazeera, and others.
- The US Department of Justice cited the report in their letter to Avanci on the 5G Patent Pool.
- Report used as a reference in the litigation case Nokia vs. Oppo in the Chongqing First Intermediate Court.

5G Cross Licensing

- Involved in a 5G cross-licensing deal between two telecom giants.
- Managed more than 7,000 patent families.

Strategic Portfolio Development in 5G, WiFi-6/7 and VVC

- Prepared claim charts for newly filed patent applications in the domains of 5G, WiFi-6/7 and VVC.
- Engaged in strategic prosecution of patents and helping clients file modified claims with a higher probability of being essential.

Semiconductor Assignments

- Performed reverse engineering to determine the layer structure of hard drives.
- Reverse engineered the composition of different layers within a processor, aiding in litigation cases against prominent semiconductor companies.
- Conducted signal analysis within a mobile device chipset, helping a client settle a litigation case.
- Designed a portfolio categorization scheme for a top semiconductor company with more than 14,000 patent families.

Acquisition Assignments

- Helped an NPE narrow down a portfolio of 700 patents to 120, optimizing for ROI.
- Assisted a Chinese multinational smartphone maker in acquiring VVC patents.
- Supported a Chinese multinational telecom company in acquiring patents in domains such as servers, virtualization, operating systems, processors, and media streaming.
- Collaborated with a law firm to acquire networking patents for a top US-based networking company.

Other Assignments

- Assisted a networking company in preparing arguments to challenge German IP tax costs incurred.
- Supported an NPE in designing and running a litigation campaign in China against the consumer device industry.
- Conducted claim charting assignments for patent brokers to secure the best deals when selling patents.
- Reviewed source code to confirm infringement against AI/ML software.
- Aided a major telecom service provider in designing and divesting their patent portfolio in various domains.

Media & Publicity

- CNET | Apr 28, 2025

[*This 'Extraordinarily Complex' iPhone May Still Be Made in China, Despite Tariffs*](#)