

RAJAT SHARMA



Contact

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Skills

- Patentability search
- Invalidation search
- Infringement search
- State of the art search
- Prior art search
- Claim chart making
- EOU Chart

Education

Thapar University

Patiala

Master of Engineering:

Electronics and
communication

2019

- *[First division with distinction] Academic Achievement Award*
- *Dissertation in [Compact Quasi self complimentary MIMO Antenna for wireless application]*
- *Research Expertise in*

Summary

Forward thinker Patent Analyst equipped with design expertise , project management skills and technical knowledge to produce functional, safe and successful products. Excels at incorporating requirements and testing data to refine and optimize designs. Partners easily with technical and non technical team members to accomplish shared goals.

Experience

Patent Research Analyst

Promax Legal Solutions | Dec 2023 - Current

- **Patentability/Novelty Search:** 1. Day to day utility projects.
- Projects based on Mechanical Domain.
- Wireless communication system projects and its related technologies thereof.
- Networking projects.
- **Prior art Search**
- **Mapping**

Patent Research Analyst

TT Consultants | Mohali | Apr 2023 - Dec 2023

- Mainly focused on Nokia project for Infringement analysis.
- Worked on infringing companies like Bosch, Johnson's Control and Prosegur on Nokia Products
- Expertise in Wireless Security related Patents.
- Well familiar with technologies like Biometrics, Authentication, remote control of devices, communication with devices, Access Control, Remote Interact System, Mobile security Management, Enable/ Disable app remotely, Token granting process, mechanisms for machine type communications, protected content sharing mechanism, secure authentication of devices, projects related to provide object privilege modification, peer to peer Communications, wireless Emergency services, Encryption/Decryption, Retrieving Cryptographic keys from Biometrics information.

1. *Antenna design.*
 2. *Antenna Modelling.*
 3. *Testing of Antenna in RF Lab.*
- Skills:** 1. HFSS
2. cst
 3. Antenna design
 4. Antenna Modelling
 5. Antenna testing
 6. Impedance Matching
 7. Simulation

Beant College of Engineering
and technology

Gurdaspur, PB

Bachelor of Technology: ECE
2016

- [First division with distinction] Academic Achievement Award

Internships: 6 months
industrial training in PLC
Automation at IATC
Siemens, panchkula.
Major Project : Remote
control intensity of street
light using microcontroller.

Maharana partap senior
secondary school
pathankot
12th: Science
2012

- [Topper of the school] Academic Achievement Award.
- Head boy of the school.

Maharana partap senior
secondary school
Pathankot

- Conducted detailed ancillary research to support decisions on Infringement search, seeking evidence and achieving full transparency.
- Consulted clients for more complex understanding of patent proposals, noting pertinent details.
- Maintained familiarity with cutting-edge technology for subject matter fluency when analyzing prospective patents.

Patent Research Analyst

Logic Apt | Mohali | Jan 2022 - Apr 2023

Invalidity/Validity Search: 1. Worked on projects based on wireless communication system and its related technologies thereof.

2. Understanding Machine Learning collaboration with wireless communication and to invalidate the patent thereof.

3. Projects based on Mechanical Designs.

4. Projects based on telecommunication and software technologies.

5. Networking projects.

6. Projects on consumer Electronics.

7. Answered telephone and coordinated meetings and conferences.

Patentability/Novelty Search: 1. Day to day utility projects.

2. Performed patentability on Advancement in the technology of electrical products and their innovative way of use.

3. Project based on Electrolysis of waste water to get some useful services.

4. Projects based on Mechanical Domain.

5. Wireless communication system projects and its related technologies thereof.

6. Networking projects.

Infringement Analysis

State of the art search

Prior art Search

claim chart

EOU CHART

Mapping

Technologies worked on MIMO Antenna ,OFDMA, CDMA, 5g, LTE, Medical devices,

Smartphones, cloud computing, Consumer utilities, Semiconductors, Infrared

Communication, Wi-Fi, Mobile communication, Bluetooth technology, Radio Frequency,

Wireless communication standards, Wireless Sensing, V2X wireless systems , Enhanced

Wireless location tracking.

Accomplishments

- State merit holder and district topper in 10th Examination.
- State merit holder in 12th examination.

10th
2010
1. State merit holder
2. Topper of district

- B.Tech degree in First division with distinction.

Additional Information

- Two times conference out from SSB interview of Indian Army for Officer Entry (Lieutenant)

Languages

Hindi: First Language

