



Nitin Agrawal

Background

- ▶ Nitin has over 16 years of experience working with patents and intellectual property. He has work experience across a number of sectors and has extensive experience in patent drafting and prosecution, patent licensing, litigation support, and patent landscape analysis for strategy decision making.
- ▶ Nitin has testified in international arbitration about the process of patent essentiality evaluation. Study performed by his team was relied upon by court, economists, and experts to determine FRAND royalty rates for cellular SEPs.
- ▶ Nitin has a Bachelor of Engineering (Hons.) in Mechanical Engineering from Delhi College of Engineering.
- ▶ Nitin has experience of working with organization such as Thomson Reuters, Evalueserve, EY etc.

Technical Expertise

- ❖ Internal Combustion Engines
- ❖ Refrigeration & Air Conditioning
- ❖ Automobile Engineering
- ❖ Vehicular Electronics
- ❖ Aerodynamics
- ❖ Heavy Machinery
- ❖ Electric & Hybrid Vehicles
- ❖ Alternative Energy Solutions
- ❖ Image Processing
- ❖ Healthcare Analytics
- ❖ Medical Devices
- ❖ Industrial & Consumer Products

IP Expertise

- ❖ Patent Drafting & Prosecution
- ❖ Patentability written opinions for PCT applications
- ❖ Patent Licensing Services
- ❖ Technology Landscape
- ❖ Patent Census (Standard Essential Patents)
- ❖ Patent Portfolio Assessment
- ❖ Infringement Analysis
- ❖ Claim Charting / Evidence of Use Charting

Professional Experience

Concur IP Consulting (Oct 2015 onwards)

- Co-founded Concur IP Consulting, a specialized IP consultancy firm that provides patent licensing & litigation, patent searches & analytics, and patent preparation & prosecution services to its clients.
- Supported clients in several licensing disputes including the famous TCL vs Ericsson case in the US. The court relied on the industry-wide essentiality study performed by his team to calculate the royalty rate for Ericsson's portfolio.
- Managed the patent and prosecution team performing patent application drafting and prosecution related services for US, EP, IN, and UK jurisdictions.
- Prepared opposition arguments (Pre-grant and Post-grant) for IN jurisdiction.

Ernst & Young LLP (July – Oct 2015)

- Led IP advisory services practice at EY India, specifically focusing on patent drafting & patent analytics services.

Thomson Reuters / Pangea3 (Aug 2006 – June 2015)

- Set up a team of 15 members for drafting and prosecuting more than 500 cases in a year. Provided essential training to the team and set up the processes to meet both the quality and timely delivery of the patent applications.
- Led a team to perform prosecution analytics study that helped the client in various aspects such as understanding the difference between the allocated budget for prosecution and expenditure, building a database for examiners prosecuting their cases and recommendations with respect to each examiner, and building a model to save more than a million dollar in 3 years while prosecuting the cases.
- Set up a team of 4 people performing patent analytics and competitive landscaping in the domain of automotive safety and security systems, automotive components, internal combustion engines, manufacturing processes, fuel cell technology, wind energy, UAVs, driverless cars, medical and diagnostic devices etc. to identify potential research areas and white spaces in the respective technologies.
- Led a team of 8 people to categorize patent documents published in a year in automotive domain into a granular taxonomy for an automobile manufacturer. He is well versed with handling large patent data volumes efficiently.



Shaunak Mukherjee

Background

- ▶ Shaunak has over 15 years of experience in the field of Intellectual Property.
- ▶ Shaunak has extensive experience in patent drafting and prosecution, patent landscape analysis, claim charting, infringement analysis, prior art searches, freedom to operate searches and invalidation searches in the field of mechanical engineering and allied disciplines.
- ▶ Shaunak has worked on various projects across a wide variety of technology domains including polymer and microstructured films, machining, heavy machinery, turbomachinery, automobiles, industrial and consumer products, medical devices, packaging, and batteries.
- ▶ Shaunak holds a Master of Technology degree in Mechanical Engineering from IIT Kharagpur.

Technical Expertise

- ❖ Polymer & Microstructured Films
- ❖ Packaging
- ❖ Machining
- ❖ Personal Protective Equipment
- ❖ Medical Devices
- ❖ Batteries
- ❖ Automobiles
- ❖ Outdoor & Garden Equipment
- ❖ Construction & Heavy Machinery
- ❖ Turbomachinery
- ❖ Home Appliances
- ❖ Artificial Intelligence/Machine Learning

IP Expertise

- ❖ Patent Drafting
- ❖ Patent Prosecution
- ❖ IP Landscape & White Space Analysis
- ❖ Patent Portfolio Assessment
- ❖ Infringement Analysis
- ❖ Claim Charting / Evidence of Use Charting
- ❖ Prior Art Searches
- ❖ Freedom-to-Operate Searches

Professional Experience

Concur IP Consulting and AILegal (March 2018 onwards)

- Worked on patent drafting and prosecution support in US, EP, IN, and UK jurisdictions in the domain of polymer and microstructured films, machining, person protective equipment, batteries, automotive technology, construction and heavy machinery, medical devices, packaging, gas turbines, and garden and outdoor products.
- Prepared Office Action Responses and opposition arguments (Pre-grant and Post-grant) for IN jurisdiction.
- Managed a team of over 10 people performing patent application drafting and prosecution related services.
- Worked closely with attorneys and inventors in relation to patent application drafting.

Verispire Technologies (January 2017 – February 2018)

- Worked on patent application drafting and prosecution support in US jurisdiction in the domain of garden products, batteries, and software.
- Supervised patent landscapes and various types of searches.

Piverse, Inc. (January 2016 – December 2016)

- Worked on patent application drafting and prosecution support in US jurisdiction in the domain of garden products, batteries, and software.
- Worked on several patent licensing projects.

Ernst & Young LLP (July 2015 – Nov 2015)

- Worked on projects related to patent licensing.

Thomson Reuters / Pangea3 (Sep 2008 – July 2015)

- Worked in close coordination with the attorneys of an outdoor and gardening equipment manufacturing company for conducting patent search and analytics projects, drafting patent applications and conducting patent alerts.
- Led a team that performed patent drafting related services for a client in the domain of construction and heavy machinery.
- Performed patent analytics and competitive landscaping in various technical domains.
- Worked on multiple patent portfolio assessment studies to identify patents having high licensing potential.



Kriti Negi

Background

- ▶ Kriti has more than 7 years of experience in the field of Intellectual Property.
- ▶ Kriti further has extensive experience in patent drafting and prosecution in the field of electronics and communication engineering and allied disciplines.
- ▶ Kriti has also experience in infringement analysis, prior art searches, freedom to operate searches, and invalidation searches in the field of electronics and communication engineering and allied disciplines.
- ▶ Kriti has worked on various projects across a wide variety of technology domains including medical devices, safety equipment, image processing, display systems, optical films, communication systems, Artificial Intelligence (AI), Internet of Things (IoT), cloud computing, heavy machinery, electric vehicles, power generation and energy storage devices, control systems, and renewable energy.
- ▶ Kriti has a bachelor's degree in Electronics and Communication Engineering from Noida Institute of Engineering and Technology.

Technical Expertise

- ❖ Bio-Medical/Healthcare Devices
- ❖ Safety Equipment
- ❖ Electric Machines
- ❖ Renewable Energy
- ❖ Optical Films/ Devices
- ❖ Antenna Systems
- ❖ Communication Systems
- ❖ Consumer Electronics
- ❖ 3D printing
- ❖ Aerodynamics
- ❖ Unmanned Aerial Systems
- ❖ Cloud Computing/Internet of Things
- ❖ Artificial Intelligence/Machine Learning

IP Expertise

- ❖ Patent Drafting
- ❖ Patent Prosecution
- ❖ Invalidation and Infringement Analysis
- ❖ Prior Art Searches
- ❖ Freedom-To-Operate Searches
- ❖ Claim Charting (EoU)
- ❖ Landscape Analysis

Professional Experience

Concur IP Consulting and AI Legal (July 2018 onwards)

- Worked in close coordination with the inventors and patent attorneys to draft patent applications related to healthcare and medical devices, personal protective equipment, safety devices, communication systems, display devices, consumer electronics, energy storage devices, renewable energy, antenna systems, aerodynamics, outdoor gardening equipment, etc.
- Worked several Office Action Responses for US, EP, IN, and UK jurisdictions related to optical films, healthcare devices, oral care, object tracking, navigation systems, power conversion systems, aerodynamics, electric vehicles, outdoor gardening products.
- Worked on patent prosecution in IN jurisdiction by preparing Office Action Responses and opposition arguments (Pre-grant and Post-grant).
- Worked on several other search-based projects including patentability searches, state-of-the-art studies, freedom-to-operate studies and invalidation in general electronics and allied engineering fields for various clients. The technologies mainly include Display Systems, Communication Systems, Safety Devices, Optical Systems, Medical Devices, Heavy Machinery, Consumer Products, Electric Vehicles, and Aerodynamics.

Verispire Technologies Pvt. Ltd. (Jan 2017 – Jul 2018)

- Prepared Office Action responses for EP and US jurisdiction.
- Worked on several IP analytics and search-based projects including patentability searches, state-of-the-art studies, freedom-to-operate studies, patent landscape, infringement and invalidation studies in general electronics and allied engineering fields for various clients. The technologies include Construction Machinery, Power Conversion Devices, Consumer Products, Medical Devices, Hybrid Vehicles, and Renewable Energy.

PiVerse India Pvt. Ltd. (Aug 2016 – Jan 2017)

- Worked on search-based projects including patentability searches, state-of-the-art studies, freedom-to-operate studies, infringement and invalidation in general electronics and allied engineering fields for various clients. The technologies include Energy Storage Devices, IoT, Medical Devices, Electric Vehicles, and Smartphones.



Sanjay Nama

Background

- ▶ Sanjay has more than 15 years of in delivering custom IP consulting services. He has worked on patent search, patent analytics, patent drafting and prosecution, and patent licensing projects for corporates, research institutions, and law firms.
- ▶ Sanjay has drafted more than 300 applications in the area of automotive and particularly the electronic concepts, consumer electronics, and display systems.
- ▶ Sanjay has drafted more than 100 office action responses in the areas the electronic concepts, communication, consumer electronics, and display systems.
- ▶ Sanjay has extensive experience of working in a wide variety of technology domains, including cellular communications, power electronics, electrical machines, control systems and electric vehicles.
- ▶ He has expertise in mapping patents to technical standards (particularly 3G and LTE standards) and products.
- ▶ Sanjay holds a Bachelor of Technology degree in Electrical Engineering from IIT Kharagpur, one of the top 5 engineering institutes of India.

Technical Expertise

- ❖ Cellular Communication (5G, LTE, UMTS, GSM)
- ❖ Connected devices / IoT
- ❖ Artificial Intelligence
- ❖ MEMS
- ❖ Graphical User Interface
- ❖ Display Technologies
- ❖ Diagnostic Imaging Systems
- ❖ Semiconductor design
- ❖ Consumer Electronics
- ❖ Energy Storage Technologies
- ❖ Speech Recognition

IP Expertise

- ❖ Patent Drafting
- ❖ Strategic Prosecution
- ❖ Patent Licensing Services
- ❖ IP Landscape & White Space Analysis
- ❖ Invalidity Analysis
- ❖ Patent Essentiality Study
- ❖ Infringement Analysis
- ❖ Claim Charting / Evidence of Use Charting
- ❖ Prior Art Searches

Professional Experience

Concur IP Consulting and AllLegal (Oct 2015 onwards)

- Co-founded Concur IP Consulting, an IP consultancy firm that provides high-quality IP support services such as patent licensing, patent searches & analytics, and patent preparation & prosecution services to its clients.
- Managed a team of about 8 people performing patent application drafting and prosecution related services for US, EP, IN, and UK jurisdictions .
- Prepared opposition arguments (Pre-grant and Post-grant) for IN jurisdiction.
- Supported clients in several licensing disputes including the famous TCL vs Ericsson case in the US. The court relied on the industry-wide essentiality study performed by our team to calculate the royalty rate for Ericsson's portfolio.

Thomson Reuters / Pangea3 (July 2008 – Oct 2015)

- Worked on several patent portfolio assessment projects involving essentiality evaluation of patents towards technical standards such as Digital Living Network Alliance (DLNA), Near Field Communication (NFC), Bluetooth, Blu-ray and Digital Video Broadcast (DVB).
- Worked on some of the most comprehensive studies on cellular SEPs that have been relied upon by companies for licensing negotiations, arbitrations and litigations.
- Worked in close coordination with inventors and attorneys of a large US based semiconductor research company to manage their IP portfolio by identifying potential out-licensing opportunities. Identified potentially infringing products of the competitors and prepared evidence-of-use charts.
- Worked on numerous patent analytics projects in the domain of electronics and communications. Worked on patent drafting projects and prepared patent applications in the field of web-based services, consumer electronics, software, and business methods.
- Travelled globally to client's locations and worked with their in-house team for several months in setting up the processes for delivery of patent landscape projects.
- Conducted training sessions to provide insights on IP laws of US and Europe and their application in various projects.



Anshul Mahawar

Background

- ▶ Anshul has over 10 years of experience in the field of IP consulting. He has extensive experience in patent drafting and prosecution, prior art research, and patent landscape analysis in the field of mechanical engineering and allied disciplines.
- ▶ Anshul has extensive experience in drafting patent applications for subject matter related to internal combustion engines, navigation systems, tobacco processing & associated manufacturing processes, process automation, inhalers, abrasive tools, locking devices, adherable films, safety equipment automotive exhaust aftertreatment systems, construction and heavy machinery etc.
- ▶ Anshul has worked on several patent landscape projects and is well versed with handling large volumes of patent data to draw upon insights related to technical and geographical aspects, competitive intelligence, market analysis, portfolio assessment etc.
- ▶ Anshul holds a Bachelor of Technology degree in Production & Industrial Engineering from MNNIT Allahabad.
- ▶ Anshul has experience working with organizations such as Thomson Reuters, Evalueserve, etc.

Technical Expertise

- ❖ Safety Equipment
- ❖ Navigation Systems
- ❖ Medical Devices
- ❖ Automobile technologies
- ❖ Tobacco Processing
- ❖ Gardening Equipment
- ❖ Exhaust After-treatment
- ❖ Navigation Systems
- ❖ Construction & Heavy Machinery
- ❖ Process Automation

IP Expertise

- ❖ Patent Drafting
- ❖ Patent Prosecution Support
- ❖ IP Landscape & White Space Analysis
- ❖ Patent Portfolio Assessment
- ❖ Infringement Analysis
- ❖ Prior Art Searches
- ❖ Invalidity/Validity Analysis
- ❖ Claim Charting

Professional Experience

Concur IP Consulting and AI Legal (April 2016 onwards)

- Manages a team working in close coordination with the inventors and attorneys of a large US based heavy machinery manufacturing company to assess patentability scopes for ideas related to a variety of technical areas including internal combustion engines, machine-to-machine communication, automated construction vehicles, intelligent construction worksites etc. and subsequently drafting patent applications.
- Worked several Office Action Responses for US, EP, IN, and UK jurisdictions related to internal combustion engines, aerodynamics, power systems, gardening equipment, machine-to-machine communication, automated construction vehicles, intelligent construction worksites etc.
- Worked preparing opposition arguments (Pre-grant and Post-grant).
- Works in close coordination with attorneys of an automotive OEM to conduct validity searches to support patent prosecution, and preparation of response to office actions.
- Works in close coordination with the attorneys of a US based automobile manufacturer to draft patent applications related to cutting edge technologies such as electric drive trains, manufacturing processes, HVAC systems etc.

Evalueserve (July 2015 – March 2016)

- Worked in close coordination with the inventors and attorneys of a large US based heavy machinery manufacturing company to assess patentability scopes for ideas related to a variety of technical areas including internal combustion engines, machine-to-machine communication, automated construction vehicles, intelligent construction worksites etc. and subsequently drafting patent applications.

Thomson Reuters / Pangea3 (September 2013 – June 2015)

- Performed patent analytics and competitive landscaping in the domain of automotive safety and security systems, automotive components, internal combustion engines, manufacturing processes, fuel cell technology, wind energy, UAVs, driverless cars, etc. to identify potential research areas and white spaces in the respective technologies.
- Worked on numerous projects involving categorization of patent documents. Led a team to categorize patent documents published in a year in automotive domain into a granular taxonomy. He is well versed with handling large patent data volumes efficiently.



Prince Jain

Background

- ▶ Prince has over 8 years of experience in the field of intellectual property rights and consulting. His experience includes Patent drafting and prosecution projects, Patent Searching, Landscape Analysis, IP Strategy, Patent Portfolio Analysis, Trends and Evolution identification etc. in the domain of mechanical engineering and allied disciplines.
- ▶ Prince has been involved in drafting of patent applications for USPTO, WIPO, EPO and its associated member countries. Experience includes writing claims, specifications, and managing patent illustrations.
- ▶ Prince has worked on several prosecution projects involving responding to final/non-final office actions matters for patent applications in USPTO, EPO and WIPO.
- ▶ Prince has worked on several landscape studies providing technology and competitive intelligence. This includes identification of key trends and latest innovations to generate actionable insights that support business strategy across distinct technical areas.
- ▶ Prince has undertaken various prior art search projects including novelty, validity/invalidity, freedom to operate and state-of-the-art searches.
- ▶ Prince holds a Bachelor's degree in Mechanical and Automobile Engineering from Delhi Technological University, Delhi.

Technical Expertise

- ❖ IC Engines/Gas turbine engines
- ❖ Exhaust Aftertreatment Systems
- ❖ Heavy Machinery
- ❖ Refrigeration & Air Conditioning
- ❖ Gardening Tools & Equipment
- ❖ Hybrid/Electric Vehicles
- ❖ Medical Devices
- ❖ Machine Learning/Artificial Intelligence
- ❖ Gas Turbine Engines
- ❖ Personal Protective Equipment
- ❖ Automotive Suspension

IP Expertise

- ❖ Patent Drafting and Prosecution Support
- ❖ Invalidity/Validity Analysis
- ❖ Prior-Art Searches
- ❖ Technology & Competitive Landscape Analytics
- ❖ Patent Portfolio Analysis
- ❖ White Space Analysis
- ❖ Claim Charting

Professional Experience

Concur IP Consulting and AILegal (Feb 2017 onwards)

- Drafted provisional and non-provisional patent applications for USPTO/EPO/WIPO. Well-versed with the format for writing claims/specifications for both USPTO and EPO.
- Prepared response to office action matters from USPTO, EPO, and WIPO. Experienced in determining technical difference between invention and prior art cited by examiner. Trained in preparation of response for the patent offices as well as implementing necessary changes to the claims/specifications.
- Worked on patent prosecution in IN for preparing Office Action Responses and opposition arguments (Pre-grant and Post-grant).
- Represented clients before Indian Patent Office in Hearings.
- Executed patent validity/invalidation studies a leading automotive OEM in the domain of vehicle suspension and exhaust systems.
- Conducted Patent Landscaping studies to identify technology trends.
- Training incoming team members for drafting of patent applications and prior art searching.

The Smart Cube (Aug 2016 – Aug 2017)

- Performed patent analytics and competitive landscaping in the domain of automotive safety and security systems, automotive components, internal combustion engines, manufacturing processes, cutting tools, fuel cell technology, wind energy, UAVs, driverless cars, etc. to identify potential research areas and white spaces in the respective technologies.

Thomson Reuters / Pangea3 (June 2014 – Aug 2016)

- Worked on various projects that involved categorizing patent documents. Worked in a team to categorize patent documents published in a year in automotive domain into a granular taxonomy.
- Performed Patent Landscape and Portfolio Analysis for clients in the domain of mechanical and allied fields.



Shubham Gupta

Background

- ▶ Shubham has over 7 years of experience in the field of IP Consulting. He has extensive experience in prior art research, patent drafting, patent prosecution, and patent landscape analysis in the field of mechanical engineering, medical devices, Personal protective equipment, and allied disciplines.
- ▶ Shubham has worked on several projects including FTO searches, invalidity searches, claim charting, competitor patents alert, state of art searches, patent to product mapping, etc.,
- ▶ Shubham has worked on various fields such as exhaust purification, electric vehicles, fuel cells, SOFC, construction machines, suspension, dampers, display materials, medical instruments, safety equipment, gas turbine engines, fuel injection systems, and so on.
- ▶ Shubham holds a Bachelor of Technology degree in Mechanical Engineering from NIT Srinagar.

Technical Expertise

- ❖ Exhaust Purification
- ❖ Hybrid Vehicles
- ❖ Shock Absorbers
- ❖ Construction Machine
- ❖ Gas Turbine
- ❖ IC Engine
- ❖ Renewable Energy
- ❖ Medical Instrument
- ❖ Personal Protective Equipment
- ❖ Fuel Cell Stacks
- ❖ Display Material
- ❖ Safety Equipment
- ❖ SOFC
- ❖ E-cigarettes

IP Expertise

- ❖ Prior Art Search
- ❖ Patent Drafting
- ❖ Patent Prosecution
- ❖ Patent Landscapes
- ❖ Claim Charts

Professional Experience

Concur IP Consulting and AllLegal (July 2017 onwards)

- Worked on Patentability Searches, Validity searches, State-of-the-Art Studies, Patent-to-Product Studies, in domains related to Exhaust purification systems, vehicle suspensions, renewable energy, fuel cells, batteries, diagnostic analyzers, fuel injection systems, electric vehicles, etc.
- Worked on Patent drafting and prosecution projects on technologies such as Gas Turbines, clinical analyzers, non-linear optics, optical films, personal protective equipment, fire fighting equipment, safety buckles, earthmoving machinery, shock absorbers, medical devices, physiological sensors, IC engines, electric vehicles, etc.
- Worked on patent prosecution for IN jurisdiction, i.e., prepared Office Action Responses and opposition arguments (Pre-grant and Post-grant).
- Represented clients before Indian Patent Office in Hearings
- Worked on Patent Landscapes in domains related to suspension systems, exhaust aftertreatment systems, fuel injectors, cigarettes, etc.

Evalueserve (Mar 2015 to Jun 2017 onwards)

- Worked extensively on Patent Searching including FTO, invalidity, state of art searches in domains related to construction and earthmoving machines, vaping, electronic cigarettes, IC engines, and packaging.
- Landscape studies on gas turbine engines, electronic cigarettes, thermal management, work tool attachments.



Uzma Shaikh

Background

- ▶ Uzma has over 12 years of experience in the field of Intellectual Property.
- ▶ Uzma has extensive experience in patent drafting and prosecution, infringement analysis, prior art searches, freedom to operate searches, and invalidation searches in the field of mechanical engineering and allied disciplines.
- ▶ Uzma has worked on various projects across a wide variety of technology domains including heavy machinery, turbomachinery, automobiles, industrial and consumer products, and healthcare devices.
- ▶ Uzma holds a Bachelor of Engineering degree in Mechanical Engineering from Father Conceicao Rodrigues Institute of Technology, Mumbai..

Technical Expertise

- ❖ Construction & Heavy Machinery
- ❖ Engine and Emission Control Systems
- ❖ Automated Fleet Management
- ❖ Oil And Gas Drilling Systems
- ❖ Packaging
- ❖ Machining
- ❖ Personal Protective Equipment
- ❖ Automobiles
- ❖ Outdoor & Garden Equipment
- ❖ Healthcare Devices
- ❖ Turbomachinery
- ❖ Home Appliances
- ❖ Food Technology
- ❖ Cleaning Technology
- ❖ Additive Manufacturing Technology

IP Expertise

- ❖ Patent Drafting
- ❖ Prosecution Support
- ❖ Prior Art Searches
- ❖ Freedom-to-Operate
- ❖ Technical Publications

Professional Experience

Concur IP Consulting and AIlegal (June 2016 onwards)

- Worked on patent drafting and prosecution matters in US, EP, IN, and UK jurisdictions in the domain of construction and heavy machinery, emission control systems, person protective equipment, healthcare devices, and turbomachinery.
- Prepared Office Action Responses and opposition arguments (Pre-grant and Post-grant) for IN jurisdiction
- Managed patent drafting related services for a client in the domain of construction and heavy machinery.
- Worked closely with attorneys and inventors in relation to patent application drafting and searches the domain of construction and heavy machinery, emission control systems, person protective equipment, healthcare devices, safety equipment, control systems, and turbomachinery.
- Supervised patent application drafting and searches.
- Training.

Thomson Reuters (March 2013 – May 2016)

- Worked on patent application drafting and prosecution support in US jurisdiction in the domain of construction and heavy machinery, , emission control systems, and outdoor and garden equipment.
- Worked closely with attorneys and inventors in relation to patent application drafting and searches.
- Supervised patent application drafting and searches.

Cheers Interactive (August 2011 – February 2013)

- Worked on several IP analytics and search projects for EP-based, global market leader in Food Technology.
- Worked on several IP analytics and search projects for EP-based, global market leader in Cleaning Technology.



Mridul Negi

Background

- ▶ Mridul has more than about 3.5 years of experience in Intellectual Property Service.
- ▶ He has experience in Patent Drafting and Prosecution, Patentability/Validity Searches, Prior Art Searches, State of the Art Analysis, FTO Analysis, IP Landscapes, Tech/Patent Watches, Patent Conversions, etc.
- ▶ He is actively involved in helping inventors and corporates evaluate their inventions and transforming their ideas into patents.
- ▶ He has worked on several patent landscape projects involving categorizing patent documents into a comprehensive taxonomy, handling large volumes of patent data to draw upon insights related to technical and geographical aspects, competitive intelligence, market analysis etc.
- ▶ Mridul holds a Bachelor's degree in Mechanical Engineering from Noida Institute of Engineering and Technology, Greater Noida.

Technical Expertise

- ❖ Safety Equipment
- ❖ Personal Protective Equipment
- ❖ Automobiles
- ❖ Aerospace
- ❖ Medical Devices
- ❖ Oral Care Devices
- ❖ Material Science
- ❖ Electro-Mechanical Devices
- ❖ Industrial Engineering
- ❖ Heavy/Construction Machines
- ❖ Agricultural & Mining Machines

IP Expertise

- ❖ Patent Drafting
- ❖ Patent Prosecution
- ❖ Patent Conversion
- ❖ Patentability/Validity Searches
- ❖ Freedom to Operate
- ❖ Prior Art Searches
- ❖ IP Landscape & White Space Analysis
- ❖ State of the Art Analysis
- ❖ Patent Watches

Professional Experience

Concur IP Consulting and AILegal (July 2019 onwards)

- Worked in close coordination with the inventors and attorneys for patent application drafting in the domain of healthcare devices, personal protective equipment, safety devices, packaging, consumer products, aerospace, construction and heavy machinery, and automotive technology.
- Drafted a number of Office Action Responses for US, EP, IN, and UK jurisdictions. Trained in preparation of response for the patent offices as well as implementing necessary changes to the claims/specifications.
- Worked on preparing office action responses and opposition arguments (Pre-grant and Post-grant) for IN jurisdiction.
- Worked on conversion of patent applications between different jurisdictions
- Worked on Various Invalidation, Prior-art, Freedom to Operate Searches involving different domains such as: internal combustion engines, exhaust systems, suspension systems, automated construction vehicles medical devices etc.
- Performed patent analytics and competitive landscaping in the domain of personal and domestic articles, health and safety, automotive components, etc. to identify potential research areas and white spaces in the respective technologies.
- Extensively used patent databases like Derwent Innovation, Espacenet, Questel Orbit etc.



Poorti Joshi

Background

- ▶ Poorti has around 5 years of experience in the field of Intellectual Property.
- ▶ Poorti has extensive experience in patent drafting and prosecution in the field of electronics engineering, and allied disciplines.
- ▶ Poorti has worked on various projects across a wide variety of technology domains including industrial and consumer products, machining tools, automobiles, medical devices, packaging, telecommunication, power generation, software applications, and IoT.
- ▶ Poorti is registered Indian Patent Agent and represents different clients before the Patent Office.
- ▶ Poorti holds a Master of Technology degree in Electronics Engineering from University of Mumbai.

Technical Expertise

- ❖ Electronics
- ❖ Software applications (AI/ML)
- ❖ IoT
- ❖ Packaging
- ❖ Machining
- ❖ Automobiles
- ❖ Medical Devices
- ❖ Power generation
- ❖ Telecommunication

IP Expertise

- ❖ Patent Application Drafting (IN, US, EP)
- ❖ Patent Prosecution (IN, US, EP)
- ❖ Claim drafting for design around (Based on competitor's product)

Professional Experience

Concur IP Consulting and AILegal (August 2023 onwards)

- Working on patent drafting and prosecution in US, EP, and IN jurisdictions

TT Consultants (November 2020 – July 2023)

- Worked on patent application drafting support in mainly US, EP, and IN jurisdictions
- Worked on patent prosecution support for foreign jurisdictions, mainly US and EP jurisdictions
- Worked on patent prosecution in IN for preparing Office Action Responses and opposition arguments (Pre-grant and Post-grant)
- Represented clients before Indian Patent Office in Hearings
- Managed a team of 3 people performing patent application drafting and prosecution related services
- Worked closely with attorneys and inventors in relation to patent application drafting and prosecution

Patent Professional - Freelancer (March 2020 – October 2020)

- Worked on patent application drafting and prosecution support on project bases

R. K. Dewan & Co. (March 2018 – February 2020)

- Worked on patent drafting and prosecution services
- Assisted in hearings and other communications with Patent Office (IN)
- Worked on Formal Requirements and paralegal activities



Kanika Arora

Background

- ▶ Kanika has over 7 years of experience in the field of IP consulting. She has good experience in patent drafting and prosecution, performing analytical studies including prior art research, freedom to operate searches, patent-to-product mapping, and infringement studies in the domain of Electronics and Communication and allied engineering fields.
- ▶ Kanika has extensive experience in conducting prior art searches and freedom to operate searches for inventions disclosing subject matter related to printing technology, Artificial Intelligence, Internet of Things, smart phones, telecommunication etc.
- ▶ She holds a Bachelor of Engineering Degree in Electronics and Communication Engineering (2016) from the Guru Nanak Dev University.
- ▶ Kanika has experience working with organizations, such as Talwar and Talwar Consultants, Sagacious Research and ClairVolex.

Technical Expertise

- ❖ IoT
- ❖ Smart phones
- ❖ Artificial Intelligence
- ❖ 3D printing
- ❖ Consumer electronics
- ❖ Control Systems
- ❖ Safety Communications
- ❖ Telecommunication
- ❖ User Interfaces
- ❖ Display Systems
- ❖ Image Processing
- ❖ Audio Systems

IP Expertise

- ❖ Patent Prosecution
- ❖ Patent Drafting
- ❖ Prior Art Searches
- ❖ Clearance Searches (FTOs)
- ❖ State of the Art searches
- ❖ Infringement Analysis
- ❖ Claim Charting / Evidence of Use Charting
- ❖ Invalidity Searches

Professional Experience

Concur IP Consulting and AI Legal (July 2018 onwards)

- Working on patent application drafting projects in the domains such as image processing, display systems, audio systems, display devices, etc.
- Worked on patent prosecution support for various jurisdictions, such as US and EP jurisdictions
- Worked on patent prosecution projects including preparing Office Action Responses and opposition arguments (Pre-grant and Post-grant) for IN jurisdiction
- Working on prior art searches and FTOs in the domain of Electronics and Communication

ClairVolex IP solutions (Nov 2017 – July 2018)

- Drafted various EP and US Office Action Responses in the domain of Electronics and Communication Technology
- Worked for a tech giant in the field of printers to provide patentability analysis.
- Worked on all other types of prior art searches

Sagacious Research (July 2016 – Nov 2017)

- Worked in close coordination with the inventors and attorneys of various engineering domains to assess patentability scopes for ideas related to a variety of technical areas including Artificial Intelligence, Internet of Things, smart phones, telecommunication, etc, and subsequently FTO searches, invalidity searches, infringement analysis, etc.
- Managed a small team in coordination with the inventors and attorneys
- Trained and assisted new joiners with the IP services

Talwar and Talwar Consultants (January 2015 – June 2016)

- Attended an extensive Intellectual Property training program. Thereafter I started working on live projects on Prior Art Searches, Product Infringement, Product Search, Invalidity Search, Clearance Search (FTO).
- Worked for multiple clients majorly including a telecom giant. The technologies include Mobile Telecommunication, Network Communication, VOIP, Electronic Device Technology, IoT and Smartphone Device.



Vishal

Background

- ▶ Vishal has over 6.5 years of extensive experience in Intellectual Property Service.
- ▶ He has extensive experience in Patent Prosecution, Patent Drafting, Patentability/Validity Searches, Prior Art Searches, State of the Art Analysis, FTO Analysis, IP Landscapes, Tech/Patent Watches, Industrial Designs etc.
- ▶ He is actively involved in helping inventors and corporates evaluate their inventions and transforming their ideas into patents.
- ▶ He has worked on several patent landscape projects involving categorizing patent documents into a comprehensive taxonomy, handling large volumes of patent data to draw upon insights related to technical and geographical aspects, competitive intelligence, market analysis etc.
- ▶ Vishal holds a Bachelor's degree in Mechanical Engineering from Vidya College of Engineering, Meerut.

Technical Expertise

- ❖ Automotive Systems
- ❖ Heavy Machinery
- ❖ Autonomous Vehicles
- ❖ Personal Protective Equipment
- ❖ Batteries
- ❖ Packaging
- ❖ Machining
- ❖ Unmanned Aerial Vehicle
- ❖ Robotic devices
- ❖ Passenger and Goods Transportation
- ❖ Hybrid/Electric Vehicles
- ❖ Vehicles Communication Systems

IP Expertise

- ❖ Office Action Support
- ❖ Patent Drafting
- ❖ Invalidity/Validity Analysis
- ❖ Prior-Art Searches
- ❖ Freedom-to-operate Searches
- ❖ Infringement Analysis
- ❖ Technology & Competitive Landscape Analytics
- ❖ Patent Portfolio Analysis
- ❖ Patent Curation & Benchmarking
- ❖ Claim Charting

Professional Experience

Concur IP Consulting and AIlegal (December 2017 onwards)

- Drafted several Office Action Responses for US, EP, IN, and UK jurisdictions.
- Worked on preparing office action responses and opposition arguments (Pre-grant and Post-grant) for IN jurisdiction.
- Represented clients before Indian Patent Office in Hearings.
- Worked on patent application drafting projects in various domain of Batteries and Fuel Cells, Medical Devices, Modular Batteries, Surgical Devices, Automotive Systems, Power & Drive Train etc.
- Worked in close coordination with inventors and attorneys of a large US based heavy machinery manufacturing company to assess patentability scopes for ideas related to a variety of technical areas including internal combustion engines, exhaust systems, suspension systems, automated construction vehicles etc.
- Worked as a key member of a dedicated FTE team working in close coordination with US/EU/UK based inventors and attorneys of Electric & Hybrid Vehicle manufacturer for performing patentability searches and subsequently drafting patent applications.
- Performed patent analytics and competitive landscaping in various domain of Batteries and Fuel Cells, to identify potential research areas and white spaces in the respective technologies.
- Performed patent analytics and competitive landscaping in the domain of Electric & Hybrid Vehicles, Charging Stations, Vehicle-to-Vehicle Communication, Batteries, Green Energy, Electric Autonomous Vehicles, Batteries Structure & Components etc. to identify potential research areas and white spaces in the respective technologies.

Sagacious IP (January 2016 – November 2017)

- Performed landscape analysis, freedom to operate analysis, patentability/validity searches.
- Worked on design searches in the domain of automotive tires, medical devices and Cell phone designs.
- Performed Tech/Patent watches in the domain of gangways, Pneumatic actuators, bio-medical devices etc.



Abdul Muheem

Background

- ▶ Abdul has about 9.5 years of experience in the field of intellectual property rights and consulting. His experience includes Patent Searching, Landscape Analysis, Patent Drafting, Patent Prosecution, Patent Filing, IP Strategy, Patent Portfolio Analysis, Trends and Evolution identification etc. in the domain of Lifesciences and allied disciplines.
- ▶ Abdul has worked on several projects including FTO searches, invalidity searches, claim charting, competitor patents alert, state of art searches, patent to product mapping, etc.,
- ▶ Abdul has worked on several landscape studies providing technology and competitive intelligence. This includes identification of key trends and latest innovations to generate actionable insights that support business strategy across distinct technical areas.
- ▶ Abdul holds a Dual Bachelor's degree in Life sciences and Pharmacy. Further, Abdul also holds Master of Pharmacy degree in Pharmaceutics from Jamia Hamdard, New Delhi.
- ▶ Abdul holds Post graduate Diploma in IPR from NALSAR University, India. He is also a registered Indian Patent Agent (IN/PA-4047) and qualified Trademark Agent.

Technical Expertise

- ❖ Pharmaceutical formulation
- ❖ Active Pharmaceutical Ingredients,
- ❖ Nanotechnology
- ❖ Material sciences
- ❖ Food Technology
- ❖ Cosmeceuticals
- ❖ Medical Devices
- ❖ Agrochemicals
- ❖ Polymer sciences
- ❖ Organic and medicinal chemistry
- ❖ Packaging and lamination
- ❖ Textiles
- ❖ Footwear industry

IP Expertise

- ❖ Patent Prosecution
- ❖ Patent Drafting
- ❖ Invalidity/Validity Analysis
- ❖ Prior-Art Searches
- ❖ Technology & Competitive Landscape Analytics
- ❖ Patent Portfolio Analysis
- ❖ White Space Analysis
- ❖ Claim Charting

Professional Experience

Concur IP Consulting and AILegal (May 2019 onwards)

- ▶ Prepared a number of Office Action Responses for US, EP, IN, and UK jurisdictions. Worked on preparing opposition arguments (Pre-grant and Post-grant) for IN jurisdiction.
- ▶ Represented clients before Indian Patent Office in Hearings.
- ▶ Worked on patent application drafting projects for mainly US, EP, and IN jurisdictions
- ▶ Worked on Patentability Searches, Validity searches, State-of-the-Art Studies, Patent-to-Product Studies, in domains related to Pharmaceutical, Adhesives, Packaging, Nanotechnology, Oil refinery, Agrochemical, Polymer Sciences, Cosmeceuticals, and footwear industry, etc.
- ▶ Worked on Patent Landscapes in domains related to all life sciences related field.
- ▶ Conducted Patent Landscaping studies to identify technology trends.
- ▶ Training incoming team members for searching and analysis for various types of searches.

Effectual Services (May 2018 – April 2019)

- ▶ Performed patent analytics and competitive landscaping in the domain of life science and allied field to identify potential research areas and white spaces in the respective technologies.

Dolcera Corp. (Feb 2014 – April 2018)

- ▶ Worked on various projects that involved categorizing patent documents. Worked in a team to categorize patent documents published in a year in Life science domain into a granular taxonomy.
- ▶ Performed Patent Landscape and Portfolio Analysis for clients in the domain of life sciences and allied fields.

Hospira Pharmaceutical (A Pfizer Company). (June 2013 – Feb 2014)

- ▶ Worked on various regulatory compliance for regulatory agencies (USFDA, EMA).



Kashif Ali

Background

- ▶ Kashif has over 7 years of experience in the field of intellectual property rights and consulting. His experience includes Patent Drafting and Prosecution, Patent Searching, Landscape Analysis, IP Strategy, Patent Portfolio Analysis, Trends and Evolution identification, Trademark Searching and Market Research etc. in the domain of mechanical and automotive engineering and allied disciplines.
- ▶ Kashif has worked on several landscape studies providing technology and competitive intelligence involving identification of key trends and latest innovations to generate actionable insights that support business strategy across distinct technical areas including automobiles, medical devices, electronics, gas turbine engines, compressors, oil and gas exploration and drilling, gardening, lawn care and cleaning machines.
- ▶ Kashif holds a Bachelor's of Technology degree in Mechanical and Automation Engineering and a Master's of Technology degree in Automobile Engineering from Amity University, Noida.
- ▶ Kashif holds B2 Level certification in German language from Goethe Institute.
- ▶ Kashif holds Industrial certifications in Lean Management and Six Sigma (Green Belt) from BSI.

Technical Expertise

- ❖ IC Engines
- ❖ Exhaust, Suspension
- ❖ Medical Devices
- ❖ Oil & Gas Drilling
- ❖ HVAC Systems
- ❖ Cleaning Equipment
- ❖ Agricultural & Mining Machines
- ❖ Hybrid/Electric Vehicles
- ❖ Aviation and Manufacturing

IP Expertise

- ❖ Patent Drafting
- ❖ Office Action
- ❖ Invalidity/Validity Analysis
- ❖ Freedom to Operate
- ❖ Prior-Art Searches
- ❖ Technology & Competitive Landscape Analytics
- ❖ White Space Analysis
- ❖ Claim/EOU Charts
- ❖ Trademark Analysis
- ❖ Design Searching

Professional Experience

Concur IP Consulting and AILegal (Jan 2019 onwards)

- Worked on Office Action Responses for US, EP, IN, and UK jurisdictions and opposition arguments (Pre-grant and Post-grant) for IN jurisdiction.
- Worked on patent application drafting projects in mainly US, EP, and IN jurisdictions related to PPE, Navigation Systems, Mobility, Aviation/Aerospace, Medical Device, Oil & Gas, Agriculture, Mining and Manufacturing Industries.
- Managing IP research process for a major German Automobile Manufacturer.
- Conducted extensive cross domain IP projects including FTO, EOU, Invalidity, Landscapes, etc spanning Mobility, Aviation/Aerospace, Medical Device, Oil & Gas, Agriculture, Mining and Manufacturing Industries.
- Worked in close coordination with the inventors and attorneys of a large US based heavy machinery manufacturing company to assess patentability scopes for inventive ideas.
- Executed patent validity/invalidation studies for a leading automotive OEM in the domain of vehicle exhaust systems.

Effectual Knowledge Services (Sep 2016 – Dec 2018)

- Performed patent analytics and competitive landscaping in the domain of automotive sunroofs, EV charging stations, safety and security systems, automotive components, internal combustion engines, manufacturing processes, cutting tools, fuel cell technology, wind energy, UAVs, driverless cars, smart electric meters, gas turbines, compressors etc. to identify potential research areas and white spaces in the respective technologies.
- Performed Freedom to Operate searches in the domain of reciprocating compressors, gas turbines, exhaust aftertreatment, vehicle lighting and seating geometry.
- Performed patent invalidity searches in domains like automobile, garden, agricultural and pool systems, surface and sub surface mining, building materials and heavy machinery.



Tejas Agarwal

Background

- ▶ Tejas has more than 5 years of experience in the field of IP consulting. He has extensive experience in patent drafting, preparing office action responses, landscape analysis, prior art research, freedom-to-operate studies in the field of mechanical engineering and allied disciplines.
- ▶ Tejas has experience in conducting patent validity studies for patents disclosing subject matter related to internal combustion engines, 3D printing, drilling and mining technologies, surgical implants, manufacturing processes, automotive exhaust systems, vehicle transmission systems, construction and heavy machinery etc.
- ▶ He has expertise in mapping patents to technical standards and products and claim chart mapping.
- ▶ Tejas holds a Bachelor of Technology degree in Mechanical Engineering from Vidya College of Engineering, Meerut.
- ▶ Tejas has prior experience with organization such as Sagacious Research etc.

Technical Expertise

- ❖ IC Engines
- ❖ Drilling and Mining
- ❖ 3D printing
- ❖ Heavy Machinery
- ❖ Automobiles
- ❖ HVAC
- ❖ Surgical Implants
- ❖ Manufacturing process
- ❖ Transmission system
- ❖ Medical Devices
- ❖ Personal Protective Equipment
- ❖ Artificial Intelligence

IP Expertise

- ❖ Patent Drafting
- ❖ Patent Prosecution
- ❖ Prior art/Novelty Studies
- ❖ Freedom-to-operate/Infringement analysis
- ❖ IP Landscape & White Space Analysis
- ❖ Patent Portfolio Assessment
- ❖ Validity and Invalidity Analysis
- ❖ Claim Chart Mapping

Professional Experience

Concur IP Consulting and AI Legal (March 2020 onwards).

- Drafts patent applications on medical devices, safety harness equipment, rescue equipment, earthmoving heavy machines, gas turbine engines etc.
- Prepares office action responses and opposition arguments (Pre-grant and Post-grant) for IN jurisdiction.
- Works on Office Action Responses for US, EP, IN, and UK jurisdictions
- Worked on Infringement and landscape studies, in the field of mechanical engineering and allied disciplines.
- Works as Assistant Manager in searching department and is responsible for conducting patentability searches for the US based client related to mechanical engineering and allied disciplines.
- Expertise in Claim charting, portfolio search, design search in areas of Heavy Machinery, Electric Power Systems, Robotic Lawn Mowers, Gardening Tools & Equipment, Manufacturing Processes, Textiles, Bio-Medical Devices, Automobiles and other general areas in engineering field.
- Worked on different IP projects such as Patentability, validity/invalidity, SOAs in the field of electric vehicles, artificial intelligence and allied disciplines.
- Handled prior art searches for a major Automobile giants in a field of Fuel Cell and advanced mobility solutions and management systems.

Sagacious Research (Jan 2018 – Feb 2020)

- Worked as patent analyst in searching team for the clients related to mechanical engineering and related disciplines.
- I was responsible for execution and timely delivery of patent analytics projects in mechanical domain.
- Had successfully delivered hundreds of projects in domains like 3D printing, earth drilling and mining, automobile, surgical implants etc.
- Has expertise in conducting Landscape, FTO/infringement, validity and invalidity analysis.
- Other responsibilities included preparation of proposals for clients and managing client engagements.
- Successfully delivered numerous Landscape/FTO projects that includes graphical representation and Claim chart mapping.



Ashish Kumar

Background

- ▶ Ashish holds a 'Bachelor of Technology' degree in Mechanical Engineering from National Institute of Technology, Srinagar.
- ▶ Ashish has over 8 years of extensive experience in Intellectual Property Service. He has extensive experience in Patent Drafting, Office Action, Patentability/Validity Searches, Prior Art Searches, State of the Art Analysis, FTO Analysis, IP Landscapes, Tech/Patent Watches and Industrial Designs.
- ▶ Ashish has extensive experience in conducting patent validity studies for patents disclosing subject matter related to internal combustion engines, navigation systems, manufacturing processes, automotive exhaust aftertreatment systems, hydraulic and pneumatic suspension systems, vehicle seats, construction and heavy machinery, gardening equipment, mining, inkjet printers, etc.
- ▶ Ashish has worked on several patent landscape projects involving categorizing patent documents into a comprehensive taxonomy, handling large volumes of patent data to draw upon insights related to technical and geographical aspects, competitive intelligence, market analysis etc.
- ▶ Ashish has experience working with organizations such as Afcons Infrastructure, and Sagacious IP.

Technical Expertise

- ❖ Safety Equipment
- ❖ Navigation Systems
- ❖ Medical Devices
- ❖ Automobile technologies
- ❖ Gardening Equipment
- ❖ Exhaust After-treatment
- ❖ Navigation Systems
- ❖ Construction & Heavy Machinery
- ❖ Process Automation

IP Expertise

- ❖ Patent Drafting
- ❖ Patent Prosecution Support
- ❖ IP Landscape & White Space Analysis
- ❖ Patent Portfolio Assessment
- ❖ Infringement Analysis
- ❖ Prior Art Searches
- ❖ Invalidity/Validity Analysis

IP Experience

- ▶ Working on patent application drafting projects in the domains, such as safety equipment, PPE, Medical Systems, aftertreatment systems, hydraulic and pneumatic suspension systems, vehicle seats, , intelligent construction worksites, construction and heavy machinery, gardening equipment, mining, inkjet printers etc.
- ▶ Drafted several Office Action Responses for US, EP, and UK jurisdictions.
- ▶ Worked on preparing office action responses and opposition arguments (Pre-grant and Post-grant) for IN jurisdiction.
- ▶ Worked in close coordination with the inventors and attorneys of a large US based heavy machinery manufacturing company to assess patentability scopes for ideas related to a variety of technical areas including internal combustion engines, machine-to-machine communication, automated construction vehicles, intelligent construction worksites etc.
- ▶ Worked in close coordination with the attorneys of a gardening and handheld tools manufacturing company to assess patentability scopes for ideas related to garden tools, watering equipment, handheld tools etc.
- ▶ Performed patent analytics and competitive landscaping in the domain of personal and domestic articles, health and amusement, handheld power tools, printing, manufacturing processes, automotive components, textile, wastewater treatment etc. to identify potential research areas and white spaces in the respective technologies.
- ▶ Performed Tech/Patent Watches in the domain of electrochemical cells, hydraulic and pneumatic actuators etc.
- ▶ Performed FTO analysis in the domain of textile, gardening tools, manufacturing machines and methods, medical devices, cutting tools, automotive brakes, baby safety products etc.
- ▶ Extensively used patent databases like Derwent Innovation, Espacenet, Questel Orbit etc.