Hrudya Ravula

Senior Associate

Qualifications

- M.Tech (Communication Engineering) - NITK
- B.Tech (Electronics and Communications Engg.)
- Registered Patent Agent
- DSCI Certified Privacy Lead Assessor (DCPLA©)

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Practice Focus

Patents (Computers and Electronics)

Hrudya has been a Patent professional since 2021. She handles patent prosecution and drafting in the areas of computer science, computer applications, computer-related products, electronic devices, communication systems, wireless communication networks, embedded systems, and communication networks.

She practices in a wide range of technological areas including Sensor technology, Controllers, Industrial network, Robotics, Machine Learning , Artificial Intelligence, neural networks, sensor technology, Communication network, EV technology, transducers, optical devices, IoT, image processing techniques, Embedded Systems, Smart devices, Big data Analytics, cloud computing, blockchain, encryption techniques, smart contract, computer networking, wired and wireless technologies, 4G/5G communication, digital signal processing, PWM, NB-IOT, wireless energy transfer.

She has also experience in working with analog integrated circuits, digital integrated circuits, smart home technologies, device connectivity, video processing, resistive/ capacitive touchscreens, AR/VR, game controllers, virtual gaming platform, interactive multimedia platform, graphics, mobile applications, digital media, implantable medical device, non-invasive medical devices, drones, optoelectronics, MIMO, network security, RF microelectronics, circuit & systems, mixed-signal integrated circuit, 3D printing (Additive Manufacturing), mechatronics, interactive touch panels, autotronics, advanced driver assistance systems, connected cars, digital classrooms, self-learning tools, video conferencing system, warehouse robotics, digital banking, digital payment, in-store customer analytics, autonomous delivery robots.

In addition, Hrudya conducts patent-related searches such as patentability search, Freedom to operate search, infringement search, and landscape search and provides opinions on the same.

Prior to joining the firm, she has experience in conducting patentability searches, freedom to operate searches, infringement searches and invalidity searches and providing opinions for KPOs.

Languages

English, Hindi and Telugu