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| Patent Title | Current Status | Inventors |
| A Novel Headband For Sensory Pathway Scanning | Granted  (Filed on June 09, 2023)  (Granted on April 05, 2024) | Hardik J. Pandya, **Rathin K. Joshi**, Ajay Krishnan A., and Hari R S. |
| Epilepsy Seizure Classification | Granted  (Filed on August 10, 2023)  (Granted on January 17, 2025) | Hardik J. Pandya, **Rathin K. Joshi**, Varun Kumar M., Megha Agarwal, Latika Mohan, Mahesh Jayachandra |
| L-shaped Surface Neural Implant (SNI) for brain stimulation and electrophysiological signal acquisition from the secondary motor area (M2) of a rat’s brain. | Application Filed.  (April 03, 2024) | Sreenivas Bhaskara, Saravanan M, **Rathin K. Joshi**, Hardik J. Pandya, Shabari Girishan K. V., Nitu Bhaskar |
| 1. A Neonatal Headgear for an interface with a biological subject | Application Filed.  (January 29, 2025) | Hardik J. Pandya, **Rathin K. Joshi**, Ajay Krishnan A., and Hari R S. |