

Role:

Lead the development and management of the electric vehicle and hydrogen ecosystem with a focus on nanotechnology components, including EV charging, wireless charging, autonomous systems, hydrogen applications, energy storage technologies, and IP strategy, while providing guidance, training, and support to internal stakeholders on intellectual property matters.

Responsibilities:**Special Projects:**

1. Primarily lead the division to develop the electric vehicle (EV) and hydrogen eco-system via product commercialisation of the following subsectors with nanotechnology components:
 - EV charging (e.g., Nanogrid Technology)
 - Wireless charging
 - Autonomous (primarily land based, but will be expanded to both maritime and aviation)
 - EV application (e.g., conversion from ICE To EV)
 - Hydrogen application (e.g., solid hydrogen technology for propulsion system)
 - Hydrogen production
 - Energy storage technologies focusing on EV batteries
 - Battery laboratory centre of excellence and development of novel battery technologies.
2. Align with business development and IP strategies to Develop strong collaboration with the networks in the above eco-system to develop
 - Manage, protect and expand the Company's patent portfolio, including proactively identifying and developing patentable Intellectual Property (IP) and working closely with inter-stakeholders to prepare, file, and prosecute related patent applications.
3. Manage internal stakeholder including management and members of the Project teams, Business development teams and others, on IP risks and opportunities.
4. Assess and advise on IP risks and opportunities in complex transactions and commercialisation on the IP.
5. Provide IP due diligence support for corporate development activities and manage patentability, freedom-to-operate, infringement, validity, and regulatory exclusivity analyses.
6. Provide support for adversarial proceedings involving company technology or products
7. In House Training to internal stakeholders to promote awareness of IP and its implications on various functions within the organization.

Qualification and Requirement:

1. A minimum of 7-10 years of relevant professional experience in an IP firm and/or in-house setting and/or universities, with experience in nanotechnology, pharmaceutical, life science, and/or biotechnology industry highly preferred.
2. Significant small and/or large patent preparation and prosecution experience, including familiarity with IP laws (patent, utility innovation, copyright, trademark etc) regulations, and practices.
3. Knowledge of the role of an IP strategy in life cycle management and commercialisation will be an advantage
4. Ability to approach IP creation and protection with a strategic mindset by anticipating future business, competitive and legal risks, and opportunities and offering creative solutions.
5. Experience in drafting and negotiating ip terms in business transactions required.
6. Fluent in both English and Malay languages.
7. Familiar with Microsoft Office 365, SharePoint, Word, Excel and PowerPoint



8. Must possess a good command of spoken and written Malay and English

Preferred Skills:

1. Candidate should be innovative, look forward to challenging tasks, be a fast learner and be flexible to accept changes.
2. Excellent team spirit with good communications and interpersonal skills. Demonstrated ability to communicate effectively with various stakeholders.
3. Able to work well with cross-functional teams.