



Increasing Intellectual Property Awareness: Understanding the Importance of Intellectual Property in Science and Technology and Writing Patent Specification.

Abstract: Intellectual Property is the most valuable assets for inventors or research scientists, not only to protect scientists' rights but also to advance science and technology to the next level. As a scientist, we do not want to repeat other's work and at the same time we do not want others to replicate our inventions. We, scientists, strive for science and technology to advance but not to become stagnant. Therefore, it is imperative for research scientists to patent their inventions. This talk will review legal requirement for patentability and details on non-patentable inventions. To learn rights to a patent and the ownership of patents in Malaysia. It is also imperative for scientists to learn specific types of claims in patent, hence understanding which category does biotechnology inventions belong to. In this talk, I will also teach on how to write your first patent, by understanding theory of the patent claims, patent claims design and patent specification.

Speaker profile:



Dr. Maslina Othman is Malaysian nationality and US permanent resident, who moved to the US in 1998. Dr. Maslina Othman received BS (Honors), Master in Electrical Engineering and Ph.D. degrees in Electrical and Computer Engineering from University of Missouri-Columbia, United States of America in 2000, 2002 and 2007 respectively with ~10 years' experience in R&D semiconductor and solar industries. Her master research program was in remote sensing study. She developed data fusion process in merging microwave sensor data (Canadian Space Agency) and passive optical sensor data (NASA) for land-use classification mapping for Boone County, Missouri. Her Ph.D. research was in spectroscopic ellipsometry analysis of nanoporous low-k thin films processed via supercritical CO₂ for next-generation microelectronic devices. Dr. Othman also contributed in nanoporous thin film analysis for high-k and bio-medical applications. She has 8 publications from her graduate degree program research work. She was a Scientist-World Wide Labs, Global Quality for MEMC, a manufacturing silicon wafers for semiconductor industries. Dr. Othman was responsible for developing characterization methods, designing global test procedure, transferring and aligning technology to worldwide manufacturing facilities (South Korea, Japan, Taiwan, Italy, USA and Malaysia). She then joined Total Gas and Power New Energies USA, seconded to SunPower as a Characterization Platform Manager in R&D division in Silicon Valley, California, USA. In 2014, Dr. Othman joined First Solar in Silicon Valley, California, USA, as R&D engineer responsible in accessing Silicon supplier's technology and capabilities worldwide, and to identify the best technology that fits to First Solar/Tetrasun solar cell product. Dr Maslina Othman has a strong passion to enable R&D lab to fit commercialization, hence started her own engineering consulting company emphasizing in engineering solutions provider and Intellectual Property -Othman & Partners, LLP. Her other interests are fitness, travel, and nutrition.

W: www.othmanpartners.com | E: maslina.othman@othmanpartners.com

LinkedIn: <https://www.linkedin.com/in/maslina-othman-phd>