Certified Life Science Formulation Specialist

30 Oct - 3 Nov 2017 I 9am – 5pm

IMU Main Campus, Bukit Jalil, Malaysia

SYNOPSIS

Innovation is what keeps companies ahead of competitors. Many companies and institutions now require their scientists, designers and product specialists to come up with innovative ideas and submit at least one patent application per year. This is part of their Key Performance Index (KPI). Many ideas can be generated but how does one know if the idea is good enough for patent application? It is a fact that most scientists, designers and product specialists do not understand about patents. To many, a patent is an incomprehensible document written in confusing language. So if one does not even understand about patents, how does one know if his/her idea is patentable?

The other common challenge is how to effectively describe your idea on paper (ie. invention disclosure). An invention disclosure is a confidential document that the sicentists, designers and product specialists write to describe their inventions. The invention disclosure will then be used for patent drafting purposes. Most people find writing the invention disclosure time consuming. The challenge in writing the invention disclosure is not only in how to accurately represent the invention in detail but to also make the invention “bullet proof” from future design around. If the invention disclosure is not written properly, the patent drafter will not be able to properly understand the invention. This results in many hours and rounds of frustrating communication between the engineer/designer/researcher and the patent agent. The other consequence of a poorly written invention disclosure is the invention is not correctly and broadly represented in the patent draft. Therefore all the effort and money invested will be wasted

Class Highlight

This course is designed to educate participants the fundamentals of a patent and the criteria for a patentable idea. This course also teaches participants the key elements of an invention disclosure and methods for writing an effective invention disclosure, focusing particularly on how to get it right the first time and how to make the invention disclosure “bullet proof”.

The course will also include a practical section where participants will be given case studies. The case studies will require the participants to come up with a patentable invention. This is to gauge the participants understanding of coming up with a patentable invention. Once they have a patentable invention, the participants will be required to write and describe their invention in an invention disclosure. The participants will then have the opportunity to present their invention disclosure to the trainer.

Another case study is to work out the possibilities of patent circumvention. Participants work in small groups in common technology areas and receive individualized feedback; they also learn practical techniques for avoiding prosecution pitfalls. The course material includes several case studies and sample problems with typical solutions.

Prerequisite

Having technical background or working in a technical role is recommended.

Course Methodology

The trainees are first taught the theories in classroom setting. Then, there will be practical demonstration to illustrate the concepts taught. Finally, the trainees get a chance for writing an invention disclosure. This will further re-enforce how the theories are applied in real-life.

What You Will Learn

- Overview of Intellectual Property
- Be introduced to the Malaysian and international IP laws and treaties (ASEAN, US, EU, JP)
- Learn what kind of innovations are patentable
- Criteria for a patentable idea or invention
- How to recognize patentable ideas and perform patentability analysis
- Learn how to best protect the invention until the application is filed
- Learn the patent application requirements and how to provide the required information to a Patent Agent/Attorney
- Learn how to perform patent search
- Learn how to perform a prior art evaluation
- Learn how to draft a patent description and formulate claims
- Fundamentals of an invention disclosure
- Key elements in an invention disclosure
- How to make your invention disclosure “bullet proof”

Who Should Attend

The primary target audience for this course is scientists, designers, technologist or technicians who develop pharmaceutical products in their jobs. This course is also designed for professionals with an interest in intellectual property in life sciences.

dream CATCHER

Course Structure

1) Fundamentals of IP	2) Non Disclosure Agreement (NDA)	3) IP Strategies	4) Building and Managing an IP Portfolio
• The 4 basic IP protection - Patents, Copyright, Trademark, Trade Secret • IP rights (what they cover; what you can do and cannot do; how to exercise your rights; what to do in case of an infringement…etc) • The key elements and criteria for each (Patents, Copyright, Trademark, Trade Secret)	• Importance of an NDA. • Critical elements in the NDA (including what you are getting yourself into when you sign an NDA) • Process for generating, maintaining and recalling the NDA	• Offensive Strategy • Defensive Strategy • Value Creation Strategy	• Developing the strategy • Building the portfolio • IP asset review • Building organization competency
5) Introduction of Patent Mapping and Landscaping	**6) Understanding Patents**	**7) Key components of a patent and understanding their implications**	**8) Definition of patentable and the common applications of patents within the industry**
• What is patent mapping and landscaping – Why is patent mapping and landscaping such a strategic tool. • Strategic value and benefits	• Technical understanding of patents • Patent rights (what it covers and jurisdiction) • Contrast that against other basic tools of IP protection (Copyright, Trademark, Trade Secret) • Applications and coverage of patents	• claims • description • filing date • priority • grant date • inventors • assignee • expiration	• What is patentable • Criteria for patentability (novelty and inventive steps). • What cannot (including not so common articles like algorithm, software, shapes..etc) • Why and any potential methods to overcome challenges

dream CATCHER

9) Overcoming constraints set by a patent	10) Fundamentals of an Invention Disclosure	11) Workshop
• How to circumvent an existing patent • How to improve upon and existing patent • What is Patent Mapping • Application of Patent Mapping	• What is an invention disclosure • Key elements in an effective invention disclosure • How to make your invention disclosure "bullet proof"	• Going through a case study • Coming up with a patentable invention/idea • Presenting the invention or invention/idea • Writing up and transferring the invention/idea into an invention disclosure • Presenting the invention disclosure • Going through a case study of successful circumvention using the techniques shared in the first case study

Course Instructor

Dr Janet Chua has over 18 years of working experience in the multinational technology sector, primarily in the area of IP and R&D. She was instrumental in setting up and managing the IP department for two multinational companies in Malaysia.

She also has extensive knowledge and experience in IP cross-licensing and negotiation work.
Dr Chua is internationally recognized and have been invited to give talks in IP seminars in China and Singapore.

She is technically strong and is an inventor of 64 granted United States patents. This is a huge advantage when it comes to working with engineers and researchers because she is “one of them” She can appreciate their work and knows where they are coming from.

Dr Chua is co-founder of Emerald Isle IP Sdn Bhd, which is an IP consulting company specializing in driving innovation. She holds a PhD in Material Science from the prestigious Trinity College Dublin, Ireland.

dream CATCHER