**DRAFTING YOUR INVENTION DISCLOSURE TO GET A PATENT**

**INVENTION**

An invention is an idea of an inventor, which gives solution to a specific problem in the field of technology.

**PATENT**

A patent is an exclusive right granted for an invention, which is a product or a process that provides, in general, a new way of doing something, or offers a new technical solution to a problem.

To get a patent, technical information about the invention must be disclosed to the public in a patent application. The invention must be disclosed in an application in a manner sufficiently clear and complete to enable it to be replicated by a person with an ordinary level of skill in the relevant technical field.

**Patentable Inventions:**

* Be new/novel – no prior art describing the invention.
* Involves an inventive step - invention must not be obvious to someone with knowledge and experience in the technological field of the invention; and
* Be industrial applicable - can be made or used in any kind of industry.

**Non-Patentable Inventions:**

* Discoveries, scientific theories and mathematical methods;
* Plant or animal varieties or essential biological process for the production of plants or animals, other than man-made living micro-organism, micro-biological processes and the product of such micro-organism processes;
* Scheme, rules or methods for doing business performing purely mental acts or playing games;
* Method for the treatment of human or animal body by surgery or therapy, and diagnostic methods practiced on the human or animal body.

**Weak Invention**

Sample of weak invention –

* Invention that does not contribute to enhancement/ increase of performance of existing invention/ prior art
* Invention that is merely an alternative method of information display
* Invention about calculation (non-patentable)

**PRIOR ART**

Prior art is everything made available to the public, anywhere in the world by means of written disclosure (including drawings + illustration), including reproduction of oral descriptions and the internet.

Malaysia has a grace period provision of 12 months upon any disclosure before the loss of novelty (even if it is your own work)

**Free Patent Database**

Search and compare your invention to the closest prior art by using free patent document databases:

Google patent <https://www.google.com/patents>

Espacenet <https://worldwide.espacenet.com/>

Patentscope <https://patentscope.wipo.int/search/en/search.jsf>

**NOTE**:

**Measures, Terminology and Signs**

* Units of weight, measures and density must be expressed in metric system
* Temperature must be expressed in degree Celcius
* Heat, energy, light, sound, magnetism, mathematical formulae & electrical units may use the rules of international practice e.g decibel for measuring sound
* Only technical terms, signs and symbols which are generally accepted in the field in question should be used e.g piston in the field of internal combustion engine
* The terminology and signs shall be consistent throughout the specification

**STRUCTURE OF PATENT SPECIFICATION**

1. Description
2. Claims / Essential Feature(s)
3. Drawings (where required)
4. Abstract

Reference

Patent Drafting Manual for Beginners – MyIPO

[www.myipo.gov.my/](http://www.myipo.gov.my/)

**PATENT INVENTION DISCLOSURE**

1. **DESCRIPTION**

**Title of Invention**

*The title of invention shall indicate clearly and concisely the subject matter of the invention*

……………………………………………………………………………………………………………

**Technical Field**

*Describe the art or technology to which the invention relates*

*Example: The present invention generally related to improvements in a mop and more particularly to a mop with a squeezer*

……………………………………………………………………………………………………………

**Background Art**

*Describe the closest prior art which can be useful for the understanding of the invention using patent document or non-patent literature (journal publications, articles, etc).*

Closest Prior Art(s) to Your Invention

1. ……………………………………………………………………………………………………
2. ……………………………………………………………………………………………………
3. ……………………………………………………………………………………………………

*Discuss the DISADVANTAGES of the prior art(s) mentioned above*

1. ……………………………………………………………………………………………………
2. ……………………………………………………………………………………………………
3. ……………………………………………………………………………………………………
4. **ESSENTIAL FEATURE(S)/ KEY COMPONENTS OF YOUR INVENTION**

*Basing on the “Background Art”, explain the solution by your invention on the problem:*

* *What is your NOVEL/ NEW solution to the problem?*
* *What key components do you believe are novel?*

Essential feature(s)/ key components of your invention:

1. ……………………………………………………………………………………………………
2. ……………………………………………………………………………………………………
3. ……………………………………………………………………………………………………

State the advantageous effects of the invention compared to the prior art

* *How is it different from the closest prior art?*
* *What* ***TECHNICAL ADVANTAGES/ NOVELTY*** *does it provide over the closest prior art?*

………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………

**Specification**

*Your specification should describe the item and the way to make and to use it, in clear and exact terms. Someone in the field must be able to reasonably create it with these instructions*

………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………

Your invention keyword:

1. ……………………………………………………………………………………………………
2. ……………………………………………………………………………………………………
3. ……………………………………………………………………………………………………
4. **DRAWINGS** *(if any)*

**Brief Description of the Drawings**

*Briefly describe each figure in the drawings in one short sentence*

……………………………………………………………………………………………………………

**Detailed Description of Preferred Embodiments**

1. *The entire technical feature of the embodiments*
2. *How it operates*

*Describe embodiment(s) of the invention preferably by referring to the drawings (if any)*

*The embodiment must be described in terms of its technical features (i.e the physical element of the embodiment) and also on how it operates*

1. *The entire technical feature of the embodiments*

* *If the invention has a few embodiments, choose the most preferred or most basic embodiment to be the first embodiment*
* *Start by describing the main parts of the first embodiment*
* *The continue by describing each main part and all of the sib or component parts in detail*
* *Be sure to detail all the interconnections or mountings between each parts*

……………………………………………………………………………………………………………

……………………………………………………………………………………………………………

1. *How it operates*

* *Explain the operation or the function of the first embodiment in extensive detail after describing the technical feature of the first embodiment*
* *In doing this, refer to each part by its name and reference numeral and be sure to include the working or function of every part*
* *At the end of this part, emphasize the advantages of your invention*

……………………………………………………………………………………………………………

……………………………………………………………………………………………………………

1. **ABSTRACT**

*An abstract is a summary of the invention*

*Indicate the technical field of the invention*

*Explain the technical problem in the prior art*

*Describe the solution of that problem through the invention*

*Explain the principal use of the invention*

*Not more than 150 words*

……………………………………………………………………………………………………………

……………………………………………………………………………………………………………