

New Era of Human's Property Protection

Shubham B. Gade¹, Dr. N. D. Misal²

¹Patent Analyst, ²Principal Sveri's COE (Poly), Pandharpur

Protection is a very important tool of human beings; it has gained certain value. This protection includes protecting humans from disease (medical/hospital), protecting the money of humans (Banks), protecting immovable property (Constitution of India) these are few examples of protection your certain things. A new study shows that around 6200 thoughts come in the human mind a single day [1] and some experts estimates 60000-80000 thoughts a day [2]. Out of these thoughts, there are some creative ideas in the human mind. Let's take one creative idea and start working on it, so the idea will become an innovation. The cycle is cycle divided into two sub-steps

- a. Idea to Innovation
- b. Innovation to Implementation

a) Idea to Innovation-

In this step, one can list out creative ideas coming to mind every day, do a search to identify that your idea is unique over the already existing prior art. The uniqueness of an idea gives creative value to your idea and will become an innovation.

Important Question is to How to do Search?

Search is to check that all inclusion possible ways that to identify the uniqueness of idea over existing prior art. Prior art gives you an idea about your idea will unique or not. If your idea is unique then took that idea and proceed further. If your idea is not unique by looking towards prior art you have to add new things in the idea so that it will become unique or else you have to take the next idea and repeat the cycle.

The answer to How to do search is that one can start with reading research papers, technological magazines, advanced technical news on the internet, and help of social media. Here we are not 100% sure that you will get all things on the above platform, but we are covering the most areas to search. Also, there is a thing that is not available on the above platform, because idea maker doesn't want to publish their idea and they keep the secrecy of their idea.

After the search, you get the idea that your idea will become innovative or not. If your idea is unique then you have to proceed towards making successful innovation of idea.

b) Innovation to Implementation

In this step, one can focus on making innovation successful. Here idea implementation steps guide us for implementation.

- I. In this step start checking-
 - i. What problems your invention solves, is this better way to than the existing one.
 - ii. Listing out possible ways for solving problems and your way should sound in these possible ways of problem solving.
- II. Positive attitude towards obtaining results, surround yourself with a motivated environment.
- III. Future plans for your innovation.

The idea (now your innovation) may be protected by the following forms:

1. Patent
2. Copyright
3. Trademark
4. Trade secret
5. Industrial Design
6. Geographical Indications
7. Semiconductor Integrated Circuits Layout Design
8. Plant variety.

Now it is important to protect intangible assets of human being, then the question comes to mind that How to protect these assets?

Intellectual property rights in India protected by the following act

Sr. No	IPR	Act
1	Patents	The Patents Act, 1970 (as amended in 2005)
2	Trademarks	Trade Marks Act, 1999
3	Copyright	The Copyright Act, 1957
4	Designs	The Designs Act, 2000
5	Semiconductor Integrated Circuits Layout Design	The Semiconductor Integrated Circuits Layout Design Act, 2000
6	Plant Varieties	The Protection of Plant

	and Farmers Right	Varieties and Farmers' Right Act, 2001
7	Geographical Indications	The Geographical Indications of Goods (Registration and Protection) Act, 1999

Let's discuss it one by one

1. Patent

The patent gives legal rights to the owner such that other people are excluded from making, using or selling an invention for the specified period given by the government of concerned country.

In India validity of the Patent is 20 years.

e.g., I.C. Engine, Drone, 3D printer and Laser Machine.

2. Copyright

It is one of the types of intellectual property that gives exclusive rights to owner make, sell copies of work.

Literary, Musical, Artistic, Dramatic, Films covered under this form.

In India term of copyright is- Life of Author+60 years from the death.

e.g., Book writer take rights on his name.

3. Trademark

Trademark is a sign, logo, symbol, design that can be easily recognized.

In India term of the Trademark is Indefinite (Renewal every 10 years).

e.g., TATA company has trademark logo with TATA.

4. Trade secret

It is one of the types of intellectual property, Trade secret is any process, formula, pattern, design, chemical composition of chemicals for your business entity.

Owner of the business take an effort to keep this information secret.

5. Industrial Design

It is an aesthetic look or ornamental feature of an article.

It may consist of 3D features like shape, colour, patterns etc.

In India term of Industrial Design is 15 years.

e.g., design of any scooter or two wheeler.

6. Geographical Indications

It is a name sign used for product or goods which correspond to a specific geographical region.

In India term of Geographical region 10 years and can be renewed for a lifetime.

e.g., Nagpur Orange, Bikaneri Bhujia, Kolhapuri Chappal, Agra Petha, Paithani and Banaras Saree.

7. Semiconductor Integrated Circuits Layout Design

Semiconductor Integrated Circuits Layout Design is protected under this.

e.g., design of Integrated semiconductor layout.

8. Plant variety and Farmers' Right

Plant Varieties and Farmers' Right protected under this.

e.g., Plant variety invented by farmers or researchers.



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