



Indian Institute of Technology (Indian School of Mines), Dhanbad
Centre for Innovation, Incubation & Entrepreneurship (CIIE)

Intellectual Property Disclosure Format

I/We wish to apply for patent on the following invention:

- 1. Title of invention:**
- 2. Name of inventor(s):**

(Including external person/organisation)

Inventor: Name _____
Designation _____
Department _____
Phone/Fax/e-mail _____
Address _____

Inventor: Name _____
Designation _____
Department _____
Phone/Fax/e-mail _____
Address _____

Inventor: Name _____
Designation _____
Department _____
Phone/Fax/e-mail _____
Address _____

(Please add additional names if needed)

3. Date of start of R&D work : Date Month Year

4. Is the patent (to be filed) for a process or product?

5. Development Stage:

In your opinion which of the three best describes the current stage of development of the invention as it relates to its marketability (indicate appropriate response):

- Embryonic (needs substantial work to bring market)
- Partially developed (could be brought to market with significant investment)
- Off-the-shelf (could be brought to market with nominal investment)

6. IP Generated from (Tick one):

In house R&D Sponsored R&D Other (Please specify)

- Project approval & sanction letter (to be enclosed).
- Funding details (Amount & Source).
- A brief summary of project(title, objectives, conclusions and project coordinators).

7. Type of patent specification: Initial (Provisional)/Final (Complete).**8. Write up of the Patent (along with complete specification and diagram on the format given in Annexure-A)****9. Origin of the idea / invention: who and when?****10. Novelty:**

(A new product or process that is not available to public/ not published in any document)

11. Inventive step:

(Means a feature of an invention that involves technical advancement when compared to the existing state-of-the-art; or having economic significance; or both economic significance and technical advancement; and that make the invention not obvious to a person skilled in the art)

12. Industrial application:

- a)
- b)
- c)

13. Any help received from others in conception of the idea?

14. General area of the patent application to be filed:

15. Has the invention been tested experimentally? Are experimental data available?

16. Was the intellectual property created in the course of or pursuant to a sponsored/consultancy research agreement with IIT (ISM)? If yes please enclose a copy of MoU with concerned project.

17. Revenue Sharing among Inventors:

Please disclose the extent of contribution of each inventor in the invention in percentage terms for revenue sharing.

- | | | | |
|----|-------------------------|---------|-----------|
| a) | NAME OF THE INVENTOR(S) | %SHARE* | SIGNATURE |
| b) | | | |

18. Certified that

- i. I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements are believed to be true [to be signed by all inventors.
- ii. The subject matter of this invention has not been published or presented.
- iii. No one who has contributed to the invention has been excluded from the inventor(s) team.
- iv. The inventor(s) will provide further information and clarification as and when needed
- v. (Please provide details of any patent (s) filed earlier through the Institute or personally).

Name of the inventor(s) **Signature of inventor(s) with date**

(Including external person/organization)

- i.
- ii.
- iii.

For office use of CIIE

Date of receipt of proposal:

Date of notification for objection:

Date of resolve of objection, if any:

Recommended by Technical Evaluation Committee (TEC) for filing the patent application.

(Member 1)

(Member 2)

(Member 3)

(Member 4)

Associate Dean (I&I) & HOC, CIIE

Dean (R&D)

Director

*Annexure-A***Format for write up**

(Please use additional sheets for sketches, drawing, photographs and other materials that help to illustrate the description. In describing the technology, please provide if possible, information covering the following points)

1. **TITLE:** To best describe the invention
2. **ABSTRACT:** A summary of the invention to bring out the salient features of the invention in one paragraph.
3. **Definition:** Define words appearing in your invention if not part of standard terminology.
4. **Introduction of the subject matter of the patent describing following key points:**
 - a) Objectives or Aim of the invention
 - b) General purpose
 - c) The problem for which solution was researched (give clear statement of the problem)
 - d) Major hurdles and challenges in the solution of the Problems (ideally a patentable invention removes a problem, so one should make a list of the problem prevalent in the area)
 - e) The invention namely the solution to the problem.
5. **Background Research and Prior Art:** [Please describe the information obtained through literature search details on existing public knowledge in the concerned field. Include journals and other publications and relevant patent databases]
6. **Detailed description of the Invention:** The invention should be described in detail so that anyone can understand and its industrial application can be checked.
7. **Results or Experiments if available:**
8. **The advantages and improvements over the existing methods, devices or materials in terms of efficiency, yield, cost etc.**
9. **Drawings:** Representative drawings of the invention showing each components (there can be more than one drawing)

10. Description of drawings: description of Figure and individual components. Each drawing should have arrows pointing on specific parts by numbers and all numbers should be defined as to what is the name of the part or component.

11. Has the work been displayed anywhere?

12. Has the work been reported / published / presented anywhere?

13. Has any related patents been filed by the inventor earlier?

14. Unique features about the work done with respect to prior art that satisfy patentability criteria:

- a) Is the work a mere extension of common known knowledge?
- b) Has the work filled a major gap in prior art? If yes, a brief description of this gap.
- c) Any environmental issues?
- d) What aspect of the invention needs protection

15. Has the work been systematically and chronologically documented? How?

16. Commercial aspects of the invention/ technology developed.

17. Any costing of the product / process / invention been done?

18. Any industries / companies interested in licensing the work? *[List the companies which may be interested in your invention]*

19. Is the work

- a) completed and results validated?
- b) at a basic conceptualisation stage?