INVENTION DISCLOSURE FORM

Note: Filling in this form is the first step towards a possible protection of your invention or idea.

This document's purpose is:

- being an instrument for self-evaluation
- to allow the patent attorney to have a first idea about the feasibility of protection

All information that is supplied below will be treated confidentially.

In order for an invention to be patentable, an invention must be NOVEL, USEFUL and NOT OBVIOUS to a person skilled in the art, based upon all prior art disclosures which was available at the time of the invention.

1. **Title of the Invention:**

2. Field of Invention:

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3. Details of Inventor(s):

1.)

Add. :

Tel. :

Email :

Nationality :

Occ. :

4. Ownership / Applicant details:

1.) ,

Occ. :

Add. :

Tel. :

Email :

Nationality :

5. Abstract of the Invention:

6. Detailed Explanation of the Invention along with working examples. Kindly provide an elaborated description of each and every aspect of the invention (product and/or process) in great detail. The details should cover the following:

a.) How to make and use the Invention

Ans. .

b.) Best mode of making the Invention: What steps (if a method/process) or parts make up the invention, in its best (preferred) form?
Ans.
.

c.) What does each step in the method or each part in the product contribute to the invention?
Ans.

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d.) Which parts or step in the method is new to this invention (in form or usage), which are old (conventional, used in the expected way)?
Ans.

- .

e.) In what way do the parts in the product interact to make the invention work?
Ans.
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d.) For each part or step, indicate if the part or step (or its form or interconnection) is ESSENTIAL to the invention - that is, for each part or step, ask, "if this part or step were left out, or changed, would the remaining device or the method still be my invention?" Or, "if this part or step were changed or left out, would the invention still work?

Ans...

e.) If possible, use labelled sketches to detail your invention. Be sure all essential parts are shown on the sketch, and try not to include extraneous details. Measurements of each part are not required, unless they are essential to the operation of the invention.
Ans.

In the fig. A, part (1) shows the conical portion at the top of the inlet curved vanes.

Part (2) shows the varying pitch inlet curved vanes with trapezium cross section

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f.) Kindly attach drawings, reports, papers, charts or other materials that may aid in your description.
Ans.

7. Software-related inventions should be supported with flow charts:
Ans. N/A

8. Do you feel that a person of "average" skill (not-extraordinary skill) in your area of technology would have arrived at your invention with existing knowledge in public domain? If no, what could be the reasons for the same?
Ans.

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9. Please provide details of any possible alternative versions of the Invention, such as

- **In what ways could the parts or steps (in case of process) be changed or equivalent parts substituted without changing the basic invention?**

  Ans..

- **Is there a generic description for any of the parts or material you listed (i.e. "fastener" instead of "Machine Screw", or "plastic" instead of "polypropylene")?**

  Ans.

  .

- **Could the functions of any of the parts or steps be changed, combined, eliminated?**

  Ans.

- **What could be added to make the invention work better?**

  Ans.

- **What could be left out?**

  Ans.

  .

10. Please describe the Unique Features of the Invention

Ans.

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11. Probable use of the Invention

- **Please describe the economic and industrial benefits of the invention and its applications. What is the use of it?**

Ans.

- **What application do you aim at?**

Ans.

- **What could attract a potential partner?**

Ans

- **What is the expected lifetime of the invention and its derivatives?**

Ans.

- **Please think over - Can your invention be used for anything other than its preferred use?**

Ans.

12. Association with software

1. Is the invention associated with any software?

Ans.

2. Has the computer program been submitted for registration of copyright? Is the patent supposed to protect some functionalities of the software? Point out the references of this software.

Ans.

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13. Advantages of the Invention

1. **How does the invention differentiate from the market?**

Ans.

- .

2. **Why is it better than what already exists?**
    i. **Similarities/differences,improvements of performance, lower cost, more reliable functioning...etc**

Ans.

14. Limitations: Do you anticipate a situation where the invention may *not* work? Such as;

1. **Are there any critical ranges of size, weight, pressure, etc. for any of the parts or steps of your invention? (i.e. "the cap must be made of steel with a Rockwell hardness of 32-56")**

Ans.

2.Should some parts or steps in the process be made of specific substances or require specific substances?

Ans..

15. Is there any other related disclosure(s) that you have already submitted at any forum or planning to submit in future? Kindly provide relevant details and list dates for such disclosures. The disclosure could be in any form including print and electronic media disclosure in a gathering of experts or in an exhibition, Oralpresentations, defence of PhD thesis or any kind of diploma, Dissemination of information through Internet or Intranet.

Ans. .

16. Is the invention intended to be published? If yes, what are the (future) publication projects (give dates):

Ans.

17. Background of the Invention:

a) **What are the present technologies that exist in the field of your invention and what are the limitations of the same? (Present state of Art)**

Ans.

b) **How is the function of the invention being done today?**

Ans.

c) **What is the closest device (method) you are aware of to your invention?**

Ans.

d) **Is there something, which performs the same function in a different way?**

Ans..

e) **Is there any combination of existing devices (methods) which would be similar to your invention?**

Ans. .

f) **How does your invention perform its function different from, or better than, these prior devices (methods)?**

Ans.

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g) **Is there any similarity? If yes, how are they similar?**

Ans.

h) **Please provide the closest research papers or patent(s)/ patent application(s) which you think are relevant to your invention or which were referred by you to arrive at the present invention.**

Ans.

18. Have you conducted novelty/non-obvious search for your invention?

A. If yes, what are the databases /references/keywords used by you? What are the search results?

- **Bibliography**
- **Existing list of patents**

Ans.

1. bibliography:

2. Existing list of patents:

B) If you hadn't invented the invention, where would you go to find one?

Ans. Research on internet

C)What catalogs, publications, etc. would you look in?

Ans.

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D)To what extent have you looked?

Ans.

E)Who would be likely to purchase or use the invention?

Ans. .

F)Do you know of any publications, which might describe the invention or its competitors?

Ans.

19. What are the aspects of your invention that you want to claim/monopolize?

Ans.

- .

20. Has your invention being reduced to practice? Has any prototype being made on this invention? If yes, kindly provide relevant information.

Ans.

21. Prior Filings: Have you filed a Disclosure Document or Provisional Patent Application on this invention, or has there been an application for patent in the India or elsewhere?

Ans.

Other Inventors: Is there anyone else who contributed to the conception or reduction to practice of the invention, in more than a purely mechanical way?

Ans.

22. Funding of project

a) Who has funded the project/R&D Work and what are the fundingconditions with specific reference to Intellectual Property Rights (IPR).

Ans. .

b) Rights in Others: Are you under any obligation to assign any rights in the invention to others?

Ans.

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c) Was the invention developed in the course of your current employment or previous employment, or using any facilities belonging to your current employer/ previous?
Ans.

d) If so, who may have rights to the invention?
Ans.1.

e) Do you have an agreement with your current/ previous employer that you will assign any inventions you may make to the employer?
Ans.

f) Was the invention developed in the course of a consulting agreement with someone else? If so, did you agree that any inventions belong to them?
Ans.

g) Was there any funding of the development of the invention by any third party or external agency (government agency, industries etc.) who might claim rights in the invention?
Ans.

h) Was any equipment or facilities used in the development of the inventionwhich was funded by or belongs to any government agency or industries?
Ans.

23. Any additional notes or remarks.

(Sign of the Inventor) **(PIC KSCST)**