



Office of Research and Development (R & D)

Invention Disclosure Information for Filing of New Patent Applications

Prepared By:

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Information Regarding Invention, Applicant & Inventor

1. Suggested Title of The Invention (preferably not exceeding two lines):

2. Inventor(s) Details :

Inventor(s) Full Name	Contact Address	Nationality	University Roll No. (In Case of Student)	Contact No.	Official E-mail ID
	Department of _____, GLA University, Mathura	Indian			
	Department of _____, GLA University, Mathura	Indian			
	Department of _____, GLA University, Mathura	Indian			

(Please add additional names if needed)

3. Applicant(s) Information:

Applicant(s) Full Name	Contact Address	Nationality	Phone No. & Contact E mail ID
GLA University, Mathura	17km Stone, NH-2, Mathura-Delhi Road P.O. Chaumuhan, Mathura-281 406 (U.P.) INDIA	Indian	-

Information Regarding Invention

1. Background of the invention:

- (a) What is the scientific/engineering domain/field to which the invention applies?

Answer: _____

- (b) What is the subject matter of the invention?

Answer: _____

- (c) What is the scientific problem in that scientific/engineering domain/field that needs to be solved?

Answer: _____

- (d) What is the prior art (provide reference of the research journals, conference proceedings, etc.) in relation to the proposed invention and what is the problem in that prior art?

Answer: _____

- (e) What is the prior art (provide reference of the granted/expired/abandoned patents or published patent applications) in relation to the proposed invention and what is the problem in that prior art?

Answer: _____

- (f) What are the current technologies /products/processes in prior art (provide reference) that provide solution(s) for the same scientific problem(s) what is the problem in that prior art ?

Answer: _____

(g) Which of the problems in prior art as mentioned in (d), (e) and (f) above are intended to be solved by the invention?

Answer: _____

(h) What led you to create this invention (please address the scientific and industrial need for the invention) ?

Answer: _____

(i) How does your invention address/improve on the drawbacks and deficiencies of available solutions in prior art as mentioned in (g) above (objectives of the invention)?

Answer: _____

(Please add additional information, if needed)

2. Details of Invention

- The Figures should be referred to with Figure numbers in the main body of the detailed description while writing the complete specification of the patent.
- The Tables should be referred to with Table numbers in the main body of the detailed description while writing the complete specification of the patent.
- Measurements in the form of Tables are not required, unless they are essential to the novelty, inventive step or operation of the invention.

(I) Information for drafting detailed description of the invention

- a. **Provide a list of technical/scientific features that according to you, sets your invention apart (novelty features of the invention) from the existing prior art technologies.**

Answer: _____

- b. Describe how the scientific/technical features of your invention as mentioned in (a) above are novel.

Answer: _____

- c. Provide a list of parts (in case of apparatus/product) or steps (in case of process/method) that are required to arrive at those novelty features of your invention (such parts or steps should be non-trivial in nature scientifically otherwise the invention will lack inventive step).

Answer: _____

- d. Explain how your invention works (through various embodiments) and describe the best method/ system of the invention.

Answer: _____.

- e. Explain or mention at least one probable industrial use/application of the invention

Answer: _____

- f. Is your invention *prima facie* an allowed patentable invention in India as per Section 3 of Indian Patents Act, 1970?

Answer: _____

(II) Information for drawing Figures in relation to drafting detailed description of the invention

- The Figures should be such drawn that it highlights or portrays the novel and inventive features of the invention.
- Each embodiment can be numbered as (100), (200), etc. and the individual parts or sub-steps in each individual embodiment should be then numbered as (101), (102), (103), etc... (201), (202),(203), etc.

- Provide the drawings of the device/apparatus involved as well as the process flow sheet/diagram/circuit identifying elements in the drawings by proper labelling marked on the sketches/figures/flow charts.
- Each page should contain only one Figure each (e.g., Figure 1) with appropriate Figure legend.

a. Provide the Figure numbers with appropriate figure legends

Figure 1 : Brief description (figure legend)

Figure 2 : Brief description (figure legend)

Figure 3 : Brief description (figure legend)

Figure 4 : Brief description (figure legend)

Figure 5 : Brief description (figure legend)

(Please add additional Figures if needed)

b. Name of all parts/sub-parts/processes/sub-processes visible in the Figures and explain the function of each parts/sub-parts/processes/sub-processes as far as possible

Part (100):

Part (101):

Part (102):

Part (103):

.....

Part (200):

Part (201):

Part (202):

Part (203):

.....

(Please add additional parts if needed)

(III) Information for making Tables in relation to drafting detailed description of the invention

- The Tables should be such made/constructed that it highlights or portrays the inventive features of the invention (the trial and error method by which a certain value is ultimately selected should not be trivial).
- Each page should contain only one Table each (e.g., Table 1) with appropriate Table legend/description.

(a) Provide the Table numbers with appropriate Table legends

Table 1 : Brief description (table legend)

Table 2 : Brief description (table legend)

Table 3 : Brief description (table legend)

Table 4 : Brief description (table legend)

Table 5 : Brief description (table legend)

(Please add additional Tables if needed)

(IV) Briefly describe the results of any related experiments and/or testing conducted and highlights any results of particular significance

Answer: _____.

3. Suggested Abstract of the Invention (maximum 150 words)

Answer: _____.

I certify that the aforementioned information is correct and complete to the best of my knowledge and belief.

Place

Date

.....

(Signature of Candidate)

.....

(Name of Candidate)

*****END*****