

INVENTION DISCLOSURE FORM

Note this is an important legal document and should be completed with care. Refer any questions to the IP co-ordinator or your local IP contact.

1. TITLE OF INVENTION:

2. NAMES OF [DESIGNATED] PROPOSED INVENTORS:

3. ABSTRACT OF INVENTION:

Give a very brief summary of the key features of your invention and a simple schematic, sketch or drawing. This will be used to prepare the entry in the Patent Technical Index.

4. PRODUCTS [PROCESSES OR SYSTEMS] TO WHICH THE INVENTION IS APPLICABLE:

5. CONTACT FOR FURTHER INFORMATION:

Name	
Email	
Telephone	

6. CONCEPTION:

Invention conceived on (date)	
First written record (date)	

Identify and attach copies of this first written record, including schematics or other drawings, and attach copies of any documentation in support of conception of the invention.

Conception of idea : Is the idea related to some work or assignment you are doing on behalf of the company or is it unrelated to any of the activities you are/were involved with.

7. DISCLOSURE TO FELLOW EMPLOYEES:

[HAVE YOU DISCLOSED THIS INVENTION TO ANOTHER PERSON OR EMPLOYEE IF SO When did you first disclose the invention ?

TO EMPLOYEES:

Oral or written disclosure given on (date) Name(s) of person(s) disclosure given to Circumstances	
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8. DISCLOSURE TO OTHERS:

Has the invention ever been disclosed orally or in writing to any person other than fellow employees? Such disclosures may include any instances of confidential or public offers to sell the invention or products embodying the development or made by the development, as well as requests for financing, grant applications, demonstrations, theses, abstracts, oral presentations, trade shows, catalogs, etc. Identify all relevant publications, correspondence etc., and, if possible, attach copies. Please list all disclosures, even if you believe that a secrecy or confidentiality agreement covers one or more of such disclosures, and indicate which ones those are.

Date(s)	Place(s)	Disclosure to	Circumstances	NDA?
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In addition, are any future disclosures of the invention planned? If so, describe and provide the date of any actual or scheduled publication, oral presentation, trade show, consumer testing, offer of sale, or sale of the invention.

Date(s)	Place(s)	Disclosure to	Circumstances	NDA?
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9. INITIAL TESTING:

Model Name or Program Name Construction of device started on (date) Device completed on (date) Device tested on (date) Changes made after initial testing	
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10. WORK WITH CUSTOMERS OR VENDORS; SPONSORSHIP OR FUNDING:

Identify any outside entities (former employers, research institutions, customers, vendors, etc.) with whom you worked in making this invention, or who sponsored or paid, in whole or in part, for the work that led to the conception or making of the invention. Describe the contribution of any funds, grants, salaries, materials, equipment or facilities provided by any customer, vendor, governmental agency, academic or research institution, industrial sponsor, etc. Also, identify any joint development agreements or collaborative research arrangements relating to the invention.

11. BACKGROUND TO THE INVENTION:

Please review the "Prior Art"; that is the technology already existing prior to your invention. Make reference to existing products closest to the invention or on which the invention is to be used by your company or others, and to any patents, published papers or other texts you are aware of. Focus particularly on problems or limitations found with the existing technology which your invention addresses.

12. DESCRIPTION OF THE INVENTION:

Explain in detail the purpose of your invention and how it works. Include schematics, drawings, waveforms as necessary. What is the best way to use the invention? Give enough detail, including component values for another engineer to duplicate it. Include all possible modifications. Describe how the invention may be modified while achieving essentially the same or similar results.

13. ADVANTAGES:

List and explain the advantages of the invention in approximate order of importance. Describe how the invention solves or overcomes problems or limitations of the existing technology.

14. APPLICATIONS:

Please consider other applications for your invention. For example if your invention is an improvement to a forward converter, will it be useful on other topologies such as

flybacks, full bridge, etc? Include all possible uses of the invention and any possible areas where you feel experimentation may be required for future use. Speculate reasonably on any additional uses that the invention may have, either by itself or in combination with other known or as yet unknown technologies.

15. ALTERNATIVES:

Can you think of any alternative way of achieving the same result as your invention?

16. DESIGNATION INVENTORS:

Note that an inventor must have conceived or made a substantial contribution to the invention and not simply have helped to build it and get it working. List below all persons you currently believe were associated with the creation of the invention and/or the making or testing of physical models or prototypes involving the invention. Please note that only true inventors (as determined in the opinion of patent counsel under the technical requirements of the patent laws) can ultimately be DESIGNATED in a patent application, and that no potential "inventor" should be omitted. Also, please note that the determination of inventorship involves a legal analysis, and that the final list of named inventors may vary from that set forth below. Briefly describe the participation, contributions, suggestions, experiments, etc., of each proposed inventor listed above, as well as any other pertinent circumstances surrounding the creation or conception of the invention. Attach copies (drawings, sketches, lab notebooks, descriptions, etc.) of supporting documents where available. These documents should be dated and carefully preserved.

Full Name [FULL FORM OF ALL INITIALS] Citizenship Home Address Telephone Fax Email Contribution	
Full Name Citizenship Home Address Telephone Fax Email Contribution	
Full Name Citizenship Home Address Telephone Fax Email Contribution	
Full Name	

Citizenship Home Address Telephone Fax Email Contribution	
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17. ATTACHED SUPPORTING DOCUMENTS:

Describe the attached supporting documents and identify to which sections of this form they are relevant

Item	No. of Pages	Description	Relevance

18. ATTESTATION BY INVENTORS:

I (we) verify that the foregoing is true and correct, and I (we) understand that in accordance with my (our) contract(s) of employment and associated agreements, the intellectual property rights to this invention belong to Emerson.

Signature	Name (write in capitals)	Date
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

19. WITNESSES:

The invention was described to me by the above inventor(s), the description was examined and is clearly understood. Two witnesses are required.

Signature	Name (write in capitals)	Date
_____	_____	_____
_____	_____	_____