



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)



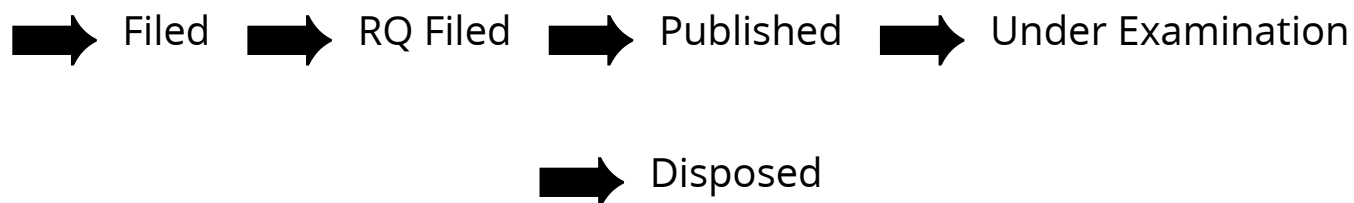
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	201741004211
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/02/2017
APPLICANT NAME	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
TITLE OF INVENTION	A MODERN ELECTRONIC BASED FIRE EXTINGUISHER
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	info@rsaip.com
ADDITIONAL-EMAIL (As Per Record)	legal@veltechuniv.edu.in
E-MAIL (UPDATED Online)	info@rsaip.com
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	06/02/2017
PUBLICATION DATE (U/S 11A)	09/06/2017
FIRST EXAMINATION REPORT DATE	08/05/2020
Date Of Certificate Issue	05/11/2021
POST GRANT JOURNAL DATE	12/11/2021
REPLY TO FER DATE	06/11/2020

Application Status

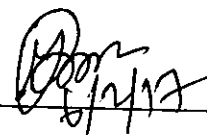
APPLICATION STATUS

**Granted Application, Patent Number
:381296**[E-Register](#)[View Documents](#)

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in



700159018

FORM 1 THE PATENTS ACT 1970 (39 of 1970) & The Patents Rules, 2003 APPLICATION FOR GRANT OF PATENT (See section 7, 54 & 135 and rule 20(1))		(FOR OFFICE USE ONLY) Application No: 201741004211 Filing Date: 06.02.2017 Amount of Fee Paid: 8800/- CBR No: 4706 Signature 	
1. APPLICANT(S)			
NAME	NATIONALITY	ADDRESS	
VELTECH Dr. RR & Dr. SR UNIVERSITY	INDIAN	VELTECH Dr. RR & Dr. SR UNIVERSITY, 400 FEET OUTER RING ROAD, AVADI, CHENNAI - 600062, INDIA.	
2. INVENTOR(S)			
NAME	NATIONALITY	ADDRESS	
1. Dr. P.CHANDRASEKAR	INDIAN	SQ-105, B2, STAFF QUARTERS, VELTECH UNIVERSITY, AVADI, CHENNAI	
2. K.BARATHI	INDIAN	NO.40/31A, DEVARA STREET, VILLUPURAM-605602	
3. S.VINOTH JOHN PRAKASH	INDIAN	NO.31, MADURA COATS COMPOUND, SATHIR-626203, VIRUDHUNAGAR DISTRICT	
3. TITLE OF THE INVENTIONS	A MODERN ELECTRONIC BASED FIRE EXTINGUISHER		
4. ADDRESS FOR CORRESPONDENCE OF APPLICANT/AUTHORISED PATENT AGENT IN INDIA : VELTECH Dr. RR & Dr. SR UNIVERSITY, 400 FEET OUTER RING ROAD, AVADI, CHENNAI - 600062, INDIA.		Telephone No. Fax No. : 044-26840605 Mobile No. : 9677763271 E-mail : legal@veltechuniv.edu.in	

PATENT OFFICE CHENNAI 09/02/2017 10:42

06-Feb-2017/7167/201741004211/Form 1

5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION

COUNTRY	Application No.	Filing Date	Name of the applicant	Title of the invention

**6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT)
NATIONAL PHASE APPLICATION**

International application number	International filing date as allotted by the Receiving office.
----------------------------------	--

7. PARTICULARS FOR FILING DIVISIONAL APPLICATION

Original (first) application number	Date of filing of Original (first) application
-------------------------------------	--

8. PARTICULARS FOR FILING PATENT OF ADDITION

Main application/patent number	Date of filing of main application
--------------------------------	------------------------------------

9. DECLARATIONS

(i) Declaration by the Inventor(s)

I/We, the above named inventor(s) is/are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date 11/2/2017

(b) Signature(s) of the inventor(s)

1. Dr. P.CHANDRA SEKAR

(c) Name(s)

2 K.BARATHI

3. S.VINOTH,JOHN PRAKASH

[Signatures]
F. Barathiy
S. Vinoy

(ii) Declaration by the applicant(s) in the convention country

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date 11/2/2017

(b) Signature(s)

(c) Name(s) of the signatory

10. Following are the attachments with the application:

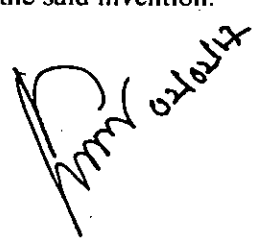
- (a) ~~Provisional specification~~ / Complete specification
- (b) Complete specification (in conformation with the international application) / as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies), No. of pages 10, No. of claims 5
- (c) Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies), No. of sheets 4
- (d) Priority documents
- (e) Translation of priority document/Specification/International Search Report
- (f) Statement and undertaking on Form 3
- (g) Power of Authority
- (h) Declaration of inventorship on Form 5
- (i) Sequence listing in electronic form
- (j)

Fee Rs. 30,800/- in Cash/Cheque/Bank Draft bearing no. 136546...

Date 11/2/2017 on Vijaya Bank.

I/We hereby declare that to the best of my/our knowledge, information and belief the facts and matters stated herein are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this 2nd day of February 2017

Signature: 

Name:

Prof. Dr. E. Kannan
Registrar

Veltech Dr.RR & Dr.SR University
(Est. u/s of UGC Act, 1956)

To,
The Controller of Patents
The Patent Office, at Chennai.



**INTELLECTUAL
PROPERTY INDIA**

एकस्व/PATENTS | अभिकल्प/DESIGNS |
व्यापार चिह्न/TRADE MARKS | भौगोलिक
उपदर्शन/GEOGRAPHICAL INDICATIONS



**भारत सरकार
GOVERNMENT OF INDIA**

एकस्व कार्यालय / THE PATENT OFFICE
बौद्धिक सम्पदा भवन / I.P.O. BUILDING
जी.एस.टी.रोड, गिन्डी / G.S.T.Road, Guindy,
चेन्नई / Chennai- 600032
दूरभाष / Tel. No. : (091)(044)22502081-84
फैक्स / Fax: 044 22502066

Email/ई मेल : Chennai-patent@nic.in
वेबसाइट / Website: <http://ipindia.nic.in>

सं. \ No. 201741004211

दिनांक \ Dated the 05/11/2021

सेवा मे, \ To :

Address of Service:- RAJASEKARAN ASSOCIATES, F4, Brindavan Apartments, 19, Lake View Road, Brindavan Nagar, Adambakkam, Chennai-600 088. PH: +91-44-4214 7842 Fax: +91-44-4356 7842 Email: info@rsaip.com

Email Id:- info@rsaip.com, legal@veltechuniv.edu.in

विषय :- पेटेंट आवेदन संख्या 201741004211 के संबंध में अधिनियम की धारा 43 के तहत पेटेंट अनुदान तथा पेटेंट रजिस्टर में प्रविष्टि की सूचना

Sub :- Intimation of the grant and recordal of patent under section 43 of the Act in respect of patent application no. 201741004211

महोदय/महोदया,

Sir/Madam,

आपको सूचित किया जाता है कि पेटेंट अधिनियम, 1970 की धारा 12 व 13 तथा उस आधार पर बने नियम के तहत उपर्युक्त पेटेंट आवेदन के परीक्षण [व ----- को हुई सुनवाई] के उपरांत एतद्वारा पेटेंट अनुदान किया जाता है। तथा पेटेंट अनुदान की प्रविष्टि 05/11/2021 को पेटेंट रजिस्टर में कर दी गयी है।

This is to Inform you that following the examination of above mentioned patent application under section 12 and 13 of The Patents Act, 1970 and Rules made thereunder [and hearing held on -----] a patent is hereby granted and recorded in the Register of Patents on the 05/11/2021. The Patent Certificate is enclosed herewith.

पेटेंट संख्या \ Patent No : 381296

आवेदक का नाम \ Name Of Applicant : Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

पेटेंट दिनांक \ Date of Patent : 06/02/2017

पूर्विका तिथि \ Priority Date : 06/02/2017

परीक्षण हेतु अनुरोध दाखिल करने की तिथि \ Filing : 06/02/2017
date of Request for examination

शीर्षक \ Title : A MODERN ELECTRONIC BASED FIRE EXTINGUISHER

दावों की संख्या \ Number of claims : System claims 1-4 filed on 06/11/2020 , after FER are hereby Granted

उपर्युक्त पेटेंट के अनुदान का प्रकाशन अधिनियम की धारा 43 के तहत पेटेंट कार्यालय के आधिकारिक जर्नल में किया जाएगा।

The grant of above mentioned patent will be published in the Official Journal of the patent Office under section 43 of the Act.

पेटेंट अधिनियम 1970 यथा संशोधित पेटेंट (संशोधन) नियम, 2005/ पेटेंट नियम, 2003 यथा संशोधित पेटेंट (संशोधन) नियम, 2016 की धारा 142 की उप-धारा (4) के प्रावधानों के तहत उपरोक्त प्रविष्टि की तिथि से 3 माह के भीतर इस कार्यालय में नवीकरण शुल्क जमा किया जाना चाहिए।

The payment of renewal fee is required to be made at this office within three(3) months from the aforesaid date of recording according to the proviso in sub-section(4) of Section 142 of The Patents Act, 1970, as amended by The Patents (Amendment) Act, 2005 / The Patents Rules, 2003 as amended by The Patents (Amendment) Rules, 2016.

C Naveen Andrew

(नियंत्रक पेटेंट)

Controller of Patents

टिप्पणी / Note :

1. संशोधित नवीकरण शुल्क हेतु कृपया महानियंत्रक पेटेंट, अभिकल्प एवं व्यापार चिह्न की आधिकारिक वेबसाइट www.ipindia.gov.in पर उपलब्ध पेटेंट (संशोधन) नियम 2016 की प्रथम अनुसूची (शुल्क) देखें।

For revised renewal fees kindly refer to the First Schedule (fees) of The Patents (Amendment) Rules 2016 available on the official website of Controller General of Patents, Designs and Trade Marks www.ipindia.gov.in

2. कार्यालय द्वारा पेटेंट प्रमाणपत्र की कोई भी कागजी प्रति अलग से जारी नहीं की जाएगी।

No hard copy of Patent Certificate shall be issued separately by the office.



**INTELLECTUAL
PROPERTY INDIA**

PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 044135459
SL No :



पेटेंट सं. / Patent No. : 381296
आवेदन सं. / Application No. : 201741004211
फाइल करने की तारीख / Date of Filing : 06/02/2017
पेटेंटी / Patentee : **Vel Tech Rangarajan Dr. Sagunthala R&D Institute of
Science and Technology**

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित A MODERN ELECTRONIC BASED FIRE EXTINGUISHER नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 6th day of February 2017 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled A MODERN ELECTRONIC BASED FIRE EXTINGUISHER as disclosed in the above mentioned application for the term of 20 years from the 6th day of February 2017 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 05/11/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 6th day of February 2019 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 6th day of February 2019 and on the same day in every year thereafter.