

Application Details	
APPLICATION NUMBER	201741037959
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/10/2017
APPLICANT NAME	1 . DR. K. SUJATHA 2 . V. SRIVIDHYA 3 . DR. T. KALPALATHA REDDY
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE FOR EVALUATION OF QUALITY IN FRUITS RIPENING
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	trinitypatsol@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/10/2018

Application Status	
APPLICATION STATUS	Application Published



Controller General of Patents, Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	201841005092
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/02/2018
APPLICANT NAME	1 . Dr. MGR Educational & Research Institute University 2 . COIR BOARD (Ministry of MS & ME, Govt. of India)
TITLE OF INVENTION	MULTI-SPINDLE SLIVER-FED SPINNING MACHINE WITH SPINBOX MODULES FOR SPINNING COARSE AND LONG FIBRES SUCH AS COIR AND BANANA
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	info@missionlegal.com
ADDITIONAL-EMAIL (As Per Record)	info@missionlegal.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	10/02/2018
PUBLICATION DATE (U/S 11A)	16/02/2018

Application Status

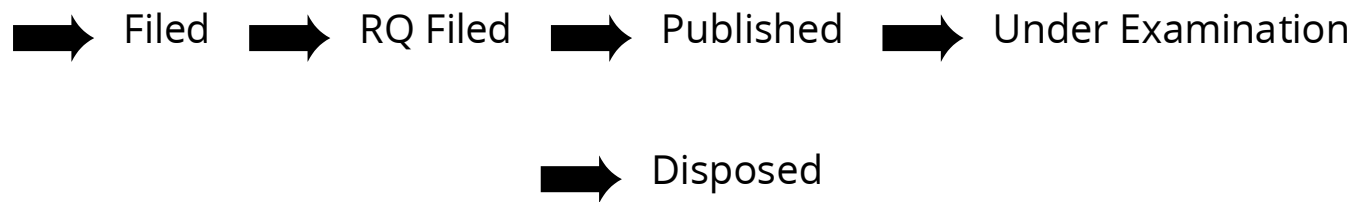
APPLICATION STATUS	Application referred u/s 12 for examination.
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[View Documents](#)

Department of Mechanical Engineering

39

Key Indicator-3.4.3 Research Publications and Awards(10)-Number of Patents published/awarded



MISSION LEGAL
ADVOCATES & IP ATTORNEYS

No. 12, Canal Bank Road, Gandhi Nagar, Adyar, Chennai, 600020, Tamil Nadu, India.
Phone: 044-42046040. E-mail: info@missionlegal.com, Web: www.missionlegal.com

The Patent Office
IPR Buildings, Industrial Estate SIDCO RMD
G.S.T Road, Guindy
Chennai - 600032.

April 16, 2021

D/33759



700288284

By Hand

Re:

Application No.	201841005107
Date of Filing	10, February, 2018
Applicant	1. DR. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY 2. COIR BOARD (MINISTRY OF MS & ME, GOVT OF INDIA)
Title	"SPINBOX FOR MULTI-SPINDLE SLIVER-FED SPINNING MACHINE FOR SPINNING COARSE AND LONG FIBRES SUCH AS COIR AND BANANA"

Dear Sirs,

We act for the Applicant of the above said application. We would like to bring to the attention of the Learned Controller that, the following documents in respect of the above mentioned application was duly filed online. We are now pleased to submit herewith the originals of the same as per the requirement of procedure under the Patents Act.

- 1) Form 1 - Duly signed by the Inventors (in original)

We request the Learned Controller to take the above on record and proceed further. The Learned Controller is further requested not to pass any adverse order against the applicant, without giving an opportunity of being heard.

All Communications in this matter may kindly be forwarded to us at the following address:

MISSION LEGAL
No. 12, Canal Bank Road, Gandhi Nagar,
Adyar, Chennai, 600 020.
Ph.No. +91 9941014565
Email Id: info@missionlegal.com

Enclosures: as above

Yours Faithfully

For Mission Legal Advocates'

PATENT OFFICE CHENNAI 20/04/2021 15:25

19-Apr-2021/33759/201841005107/OTHERS

2018 41005107

FORM 1 THE PATENTS ACT 1970 (39 of 1970) and THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT [Section 7, 54 & 135 and sub-rules (1) of rule 20]				(FOR OFFICE USE ONLY)	
		Application No:			
		Filing Date:			
		Amount of Fee paid:			
		CBR No.:			
		Signature:			
1. APPLICANT'S REFERENCE/ IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)					
2. TYPE OF APPLICATION					
Ordinary (✓)		Convention ()		PCT-NP ()	
Divisional ()	Patent of Addition ()	Divisional ()	Patent Of Addition ()	Divisional ()	Patent Of Addition ()
3A. APPLICANT					
Name in Full		Nationality	Country of Residence	Address of the applicant	
DR. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY		INDIA	INDIA	House No.	Advanced Research Institute
				Street	NH4, Periyar EVR High Road, Maduravoyal
				City	Chennai
				State	Tamilnadu
				Country	India
				Pin code	600 095
COIR BOARD (Ministry of MS & ME, Govt. of India)		INDIA	INDIA	House No.	Coir House
				Street	M.G Road
				City	Kochi
				State	Kerala
				Country	India
				Pin code	682016

19-Apr-2021/33759/201841005107/OTHERS

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3B. Category of Applicant				
Natural Person ()		Other Than Natural Person		
		Small entity ()	Start up ()	Others (✓)
4. INVENTOR				
Are all the inventor(s) same as the applicant(s) named above?		Yes ()		No (✓)
Name in Full	Nationality	Country of Residence	Address of the inventor	
Dr Venkatachalam Natarajan	India	India	House No.	S1, A Block, Sai Balaji Flats
			Street	Udayasuryan Nagar, Guduvanchery
			City	Kancheepuram
			State	Tamilnadu
			Country	India
			Pin code	603 202
Dr. Palaniappan Palanisamy	India	India	House No.	No. 59, V Block,
			Street	11 th Street, Anna Nagar
			City	Chennai
			State	Tamilnadu
			Country	India
			Pin code	600 040
5. TITLE OF THE INVENTION				
SPINBOX FOR MULTI-SPINDLE SLIVER-FED SPINNING MACHINE FOR SPINNING COARSE AND LONG FIBRES SUCH AS COIR AND BANANA				
6. AUTHORISED REGISTERED PATENT AGENT		IN/PA No.	IN/PA 2313	
		Name	Bency Varghese	
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA		Mobile no.	9941014565	
		Name	Mission Legal Advocates	
		Postal address	No.12, Canal Bank Road, Gandhi Nagar, Adyar Chennai, 600020 Tamil Nadu, India	
		Telephone No.	(044) 42046040	
		Mobile No.	9941014565	
		Fax No		
		E-mail ID	info@missionlegal.com	
8. IN CASE OF APPLICATION CLAIMING PRIORITY OF THE APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION				

Country	Application Number	Filing date	Name of the Applicant	Title of the Invention	IPC (as classified in the convention country)
9. IN CASE OF (PCT) NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT COOPERATION TREATY(PCT)					
International application number			International filing date		
Not Applicable			Not Applicable		
10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION					
Original (first) application No.			Date of filing Original (first) application		
Not Applicable			Not Applicable		
11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION/PATENT					
Main Application/Patent no.			Date of filing of main application		
Not Applicable			Not Applicable		
12. DECLARATIONS					
(i) Declaration by the inventor					
(a) Date: 10.02.2018					
(b) Signature of the inventor: 					
(c) Name: Dr Venkatachalam Natarajan					
(a) Date: 10.02.2018					
(b) Signature of the inventor: 					
(c) Name: Dr. Palaniappan Palanisamy					

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

Not Applicable

(iii) Declaration by the applicant:

We, the applicant hereby declare that:-

- ☒ We are in possession of the above-mentioned invention.
- ☒ The complete specification relating to the invention is filed with this application.
- ☐ The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by us before the grant of patent to us.
- ☒ There is no lawful ground of objection to the grant of the Patent to us.
- ☐ I am the true & first inventor(s).
- ☒ We are the assignee of true & first inventor.
- ☐ Each of the applications, particulars of which are given in Paragraph- 8, was the first application in convention countries in respect of our invention.
- ☐ We claim the priority from the above mentioned applications filed in convention countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me or by any person from which we derive the title.
- ☐ Our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.
- ☐ The application is divided out of my/our application, particulars of which is given in Paragraph-10 and prays that this application may be treated as deemed to have been filed on DD/MM/YY under section 16 of the Act.
- ☐ The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph – 11.

13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

a) Form 2

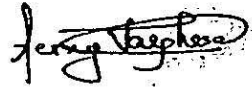
Item	Details	Fee	Remarks
Complete specification	No. of pages – 6	Rs. 8000/-	Paid online
No. Of Claim(s)	No. Of Claim(s) & No. of pages - 6 & 1		
Abstract	No. of pages – 1		
No. of Drawing(s)	No. of Drawing(s) & No. of pages – 3 & 3		

(b) Drawings

Total Fee of INR 8000/- paid online.

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

Dated this 10th day of February 2018



Bency varghese
Registered Patent Agent

To,

The Controller of Patents
The Patent Office, at Chennai.

19-Apr-2021/33759/201841005107/OTHERS

PATENT OFFICE CHENNAI 20/04/2021 15:26



Controller General of Patents, Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	47/CHE/2011
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/01/2011
APPLICANT NAME	Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY
TITLE OF INVENTION	SPLITTED COLLAPSIBLE MANDREL FOR INTRICATE PORT CONFIGURATION IN SOLID ROCKET MOTOR CASTING
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	info@missionlegal.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	07/01/2011
PUBLICATION DATE (U/S 11A)	01/04/2011
FIRST EXAMINATION REPORT DATE	02/09/2016
Date Of Certificate Issue	23/02/2018
POST GRANT JOURNAL DATE	02/03/2018
REPLY TO FER DATE	01/04/2017

Application Status

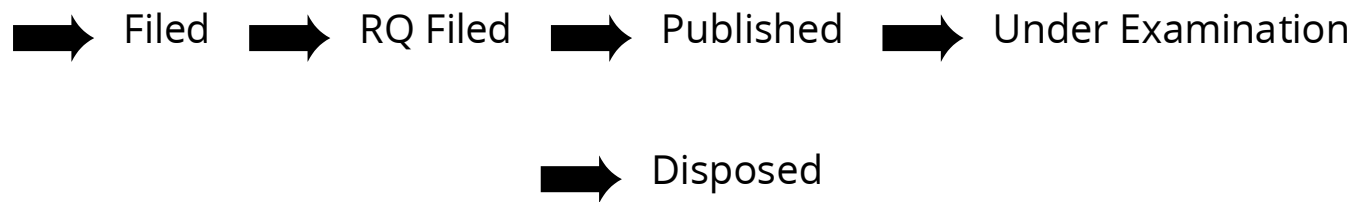
APPLICATION STATUS	Granted Application, Patent Number :293262
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Department of Mechanical Engineering

Key Indicator-3.4.3 Research Publications and Awards (10)-Number of Patents published/awarded

Order(s)/Decision(s)

View Documents 41



ORIGINAL

13 JAN 2011

0047 ICHE/ 2011

FORM I
THE PATENTS ACT, 1970
(39 of 1970)

APPLICATION FOR GRANT OF A PATENT
(See Section 5(2), 7, 54 and 135 rule 33A)

CBR : 146
DATE : 7-1-11
AMT : 4000/-
7/1/11

1. We
Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY
AARI R&D Centre,
NH 4, Periyar EVR High road,
Maduravoyal,
Chennai – 600095
Tamilnadu
India
2. hereby declare:
 - a. that I am / we are in possession of an invention titled
**SPLITTED COLLAPSIBLE MANDREL FOR INTRICATE PORT
CONFIGURATION IN SOLID ROCKET MOTOR CASTING**
 - b. that the Provisional Specification relating to this invention is filed with this application.
 - c. That there is no lawful ground of objection to the grant of a patent to me / us.
3. Further declare that the inventor for the said invention is
 - (a) **Balakrishnan Palanivelu**
 - (b) **Joseling Jayaseelan**
 - (c) **Palaniappan Palanisamy**

All Indian Nationals having addressed at

Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY
AARI R&D Centre,
NH 4, Periyar EVR High road,
Maduravoyal,
Chennai – 600095
Tamilnadu
India

4. I / We claim the priority of the application(s) filed in convention countries.

Particulars of which are as follows:

a.

b. N.A.

c.

d.

5. I / We state that said invention is an improvement in or modifications of the invention, the particulars of which are as follows and of which I am / We are the Applicant / Patentee.

a.

b. N.A.

6. I / We state that the application is divided out of my / our application the particulars of which are given below pray that this application deemed to have filed onunder section 15 of the act.

a. N.A.

b.

7. That I am / We are the assignee of legal representative of the true and first inventors.

N.A.

8. That my / our address for service in India is as follows:

Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY

AARI R&D Centre,
NH 4, Periyar EVR High road,
Maduravoyal,
Chennai – 600095
Tamilnadu
India

9. Following declaration was given by the inventor(s) or applicant(s) in the convention country.

I / We the true and first inventor(s) for this invention or the applicant(s) in the convention country declare that the applicant(s) herein is / are my / our assignee of legal representative.

+ 
(a) **Balakrishnan Palanivelu**


(b) **Joseling Jayaseelan**


(c) **Palaniappan Palanisamy**

10. That to the best of my / our knowledge, information and belief the fact and matters state herein are correct and that there is no lawful ground of objection to the grant of patent to me / us on this application.

11. Following are the attachment with the application:

- a. ~~Provisional~~ ^{Complete} Specification (2 copies)
b. Drawing (2 copies)
c. Fee Rs. 4,000/-

I / We request that a patent may be granted to me / our for the said invention.

Dated this 6th January 2011

+ 
(Signature of Applicant)

REGISTRAR
(Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY)
Educational and Research Institute
University
(Decl. u/s.3 of UGC Act, 1956)
Periyar E.V.R. High Road
Maduravoyal, Chennai-600 095.

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