

Application Details

APPLICATION NUMBER	201941042171
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/10/2019
APPLICANT NAME	1 . INSTITUTE OF AERONAUTICAL ENGINEERING 2 . Dr. YERRAMARI MOHANA ROOPA
TITLE OF INVENTION	SYSTEM AND METHOD FOR TRACKING HUMANS USING REALTIME BIOSIGNALS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	patentagent@prometheusip.com
ADDITIONAL-EMAIL (As Per Record)	ipr@iare.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	17/10/2019
PUBLICATION DATE (U/S 11A)	25/10/2019

Application Status

APPLICATION STATUS	Application Awaiting Examination
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 Department of Industrial Policy & Promotion,
 Ministry of Commerce & Industry,
 Government of India

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



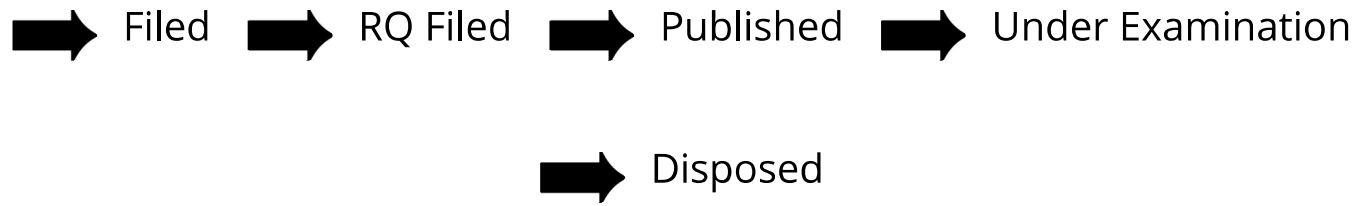
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	201941042171
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/10/2019
APPLICANT NAME	MTE Industries Pvt Ltd.
TITLE OF INVENTION	SYSTEM AND METHOD FOR TRACKING HUMANS USING REALTIME BIOSIGNALS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	patentagent@prometheusip.com
ADDITIONAL-EMAIL (As Per Record)	ipr@iare.ac.in
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In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

Complete Specification

Claims:We Claim:

1. A system for tracking a human being by the using real-time bio signals comprising of:

a tracking device comprising of: an Analog digital converter ADC and Digital to Analog converter configured to convert the readings obtained from a Galvanic skin conductance into analog signals, whereby the readings obtained from plurality of emotional parameters are done using a system on a chip (SoC), whereby the SoC is inclusive of: a secured ARM Cortex core configured to protect the device from both internal and external attacks;

a plurality of sensors configured to capture the emotions of the human being to whom the sensors are attached and convert the readings into analog signals through the tracking device, whereby the tracking device takes the readings obtained to the GPRS location using SMS and GSM technologies to the user using a mobile application ; a

a MySQL system for updating a database comprising of: an InnoDB storage engine configured to support SQL transactions; a InnoDB memcached engine configured to access InnoDB through the InnoDB APIs most of which are directly adopted from embedded InnoDB.

2. The system of claim 1, wherein the emotional parameters captured are from at least one of: galvanic skin conductance; blood volume pulse (BVP); and temperature

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**Department of Industrial
Policy and Promotion**
Government of India

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Page last updated on: 26/06/2019

FORM 1**THE PATENTS ACT, 1970****(39 of 1970)****&****THE PATENTS RULES, 2003****APPLICATION FOR GRANT OF PATENT****[See sections 7,54 & 135 and rule 20(1)]****(FOR OFFICE USE ONLY)****Application No.:****Filing Date:****Amount of Fee Paid:****CBR No.:****Signature:****1. APPLICANT(S):**

Sr.No.	Name	Nationality	Address	Country	State
1	INSTITUTE OF AERONAUTICAL ENGINEERING	India	Dundigal, Hyderabad-500043, Telangana, India.	India	Telangana
2	Dr. YERRAMARI MOHANA ROOPA	India	Professor, Department of CSE, Institute of Aeronautical Engineering, Dundigal, Hyderabad-500043, Telangana, India.	India	Telangana

2. INVENTOR(S):

Sr.No.	Name	Nationality	Address	Country	State
1	Dr. MEENIGI RAMESH BABU	India	Senior Consultant, Accenture, Bldg. No.1A and 1B, Raheja Mind Space, Hitech City, Madhapur, Hyderabad, Telangana-500086, India.	India	Telangana
2	Dr. YERRAMARI MOHANA ROOPA	India	Professor, Department of CSE, Institute of Aeronautical Engineering, Dundigal, Hyderabad-500043, Telangana, India.	India	Telangana

3	MANNEPALLI VENKATA ADITYA NAG	India	Assistant Professor , Department of ME, Institute of Aeronautical Engineering, Dundigal, Hyderabad- 500043, Telangana, India.	India	Telangana
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3. TITLE OF THE INVENTION: SYSTEM AND METHOD FOR TRACKING HUMANS USING REALTIME BIOSIGNALS

4. ADDRESS FOR CORRESPONDENCE OF APPLICANT / AUTHORIZED PATENT AGENT IN INDIA:

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

Sr.No.	Country	Application Number	Filing Date	Name of the Applicant	Title of the Invention
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6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION:

International Application Number	International Filing Date as Allotted by the Receiving Office
PCT//	

7. PARTICULARS FOR FILING DIVISIONAL APPLICATION

Original (first) Application Number	Date of Filing of Original (first) Application
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8. PARTICULARS FOR FILING PATENT OF ADDITION:

Main Application / Patent Number:	Date of Filing of Main Application
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9. DECLARATIONS:

(i) Declaration by the inventor(s)

I/We ,Dr. MEENIGI RAMESH BABU,Dr. YERRAMARI MOHANA ROOPA,MANNEPALLI VENKATA ADITYA NAG, 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: ----

(b) Signature(s) of the inventor(s): ...*Ramesh*..... *Mohana Roopa* *M.V.A.NAG*

(c) Name(s): Dr. MEENIGI RAMESH BABU,Dr. YERRAMARI MOHANA ROOPA,MANNEPALLI VENKATA ADITYA NAG

(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: -----

(b) Signature(s) :

(c) Name(s) of the singnatory: INSTITUTE OF AERONAUTICAL ENGINEERING,Dr. YERRAMARI MOHANA ROOPA

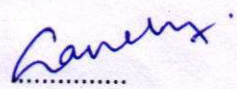
(iii) Declaration by the applicant(s)

- The Complete specification relationg to the invention is filed with this application.
- I am/We are, in the possession of the above mentioned invention.
- There is no lawful ground of objection to the grant of the Patent to me/us.

Sr.	Document Description	FileName
1	REQUEST FOR EARLY PUBLICATION(FORM-9)	Form 9.pdf
2	REQUEST FOR EXAMINATION (FORM-18)	Form 18.pdf
3	FORM 1	Form 1.pdf
4	COMPLETE SPECIFICATION	Form 2.pdf
5	DRAWINGS	Drawings.pdf
6	STATEMENT OF UNDERTAKING (FORM 3)	Form 3.pdf
7	POWER OF AUTHORITY	POA.pdf
8	DECLARATION OF INVENTORSHIP (FORM 5)	Form 5.pdf

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

Dated this(Final Payment Date): 17th October, 2019

Signature: 

Name: PUTTA GANESH
(IN/PA/2933)

To The Controller of Patents

The Patent office at CHENNAI