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Patent Search

Invention Title	APPARATUS TO DETECT PHYSICAL PROPERTIES, AND PHYSICAL CHARACTERISTICS OF A CLOTH
Publication Number	38/2018
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Application Number	201841033886
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Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	A61B 6/00

Inventor

Name	Address	Country	Nat
DR. LV NARASIMHA PRASAD	S/O L RAMAKRISHNAIAH, PLOT NO:28,LAKSHMI GAYATHRI ENCLAVE,SAMATHA NAGAR, KUKATPALLY, HYDERABAD- 500085 TELANGANA INDIA	India	Indi
DR. I SURYA PRABHA	W/O T ABHILASH, FLAT NO 102, KRISHNA RESIDENCY, VENGALRAO NAGAR, SRNAGAR, HYDERABAD-500038 TELANGANA INDIA	India	Indi
DR. D SHOBHA RANI	W/O LV NARASIMHA PRASAD, PLOT NO:28,LAKSHMI GAYATHRI ENCLAVE,SAMATHA NAGAR, KUKATPALLY, HYDERABAD- 500085 TELANGANA INDIA	India	Indi
DR. PATTHI SRIDHAR	S/O P LINGAIAH, FLAT NO 102, SRI SAI PARADISE APARTMENTS, SHANKAR NAGAR COLONY, CHANDANAGAR, HYDERABAD-500050 TELANGANA INDIA	India	Indi
DR. SRINIVASA REDDY KONDA	S/O K SRIDHARA REDDY, FLAT NO 303, PLOT NO 1935, SAI RAGHAVENDRA NILAYAM, NEAR KIDZEE SCHOOL, KAKATEEYA HILLS, INCOIS ROAD, PRAGATHI NAGAR, HYDERABAD-090 TELANGANA INDIA	India	Indi
DR RAJENDRA PRASAD	S/O K NAGANNA, H.No: 2-428-124-B7 BALAJI COMPLEX NANDHYAL-518501 ANDHRA PRADESH INDIA	India	Indi
DR. N RAJASEKHAR	S/O NAGESWARARAO, W4/1281,KRISHNA NAGAR, OPP; SHADHI MAZIL,NAWABPET, NELLORE, NELLORE DISTRICT, ANDHRA PRADESH-524002 INDIA	India	Indi
DR. A. PRAVEEN	S/ O A. RAMESH, H. NO: 10-14-1607, SITARAMNAGAR COLONY, VARNI ROAD, NIZAMABAD-503001, TELANGANA INDIA	India	Indi
A KRISHNA CHAITANAYA	S/O LATE A GOPALA RAO, G2, SATHYA RESIDENCY, POOJITHA ENCLAVE, RAJIVGANDHI NAGAR, NIZAMPET ROAD, BHACHUPALLY, HYDERABAD – 500090 TELANGANA INDIA	India	Indi
RAJASEKHAR NENNURI	S/O DAMODAR REDDY, 302, SYRINGA APARTMENTS, NEAR JAYABHERI PARK, KOMPALLY, HYDERABAD - 500014 TELANGANA INDIA	India	Indi
S SIREESHA	W/O INDUKURI RADHA KRISHNAM RAJU, PLOT NO 181, VENKAT RAM NAGAR, MASTANA BUILDERS, SURARAM X ROADS, JEEDIMETLA, HYDERABAD500055 TELANGANA INDIA	India	Indi

Applicant

Name	Address	Country	Nat
INSTITUTE OF AERONAUTICAL ENGINEERING	JAWAHARLAL NEHRU OUTER RING ROAD, DUNDIGAL, HYDERABAD, TELANGANA 500043 INDIA	India	India

Abstract:

Disclosed is an apparatus to detect physical properties, and physical characteristics pertaining to a cloth. The apparatus comprises a housing unit, a sensor unit, a display storage unit, and a controller unit. The housing unit is adaptable to receive a palm of a user. The sensor unit is integrated within the housing unit to detect physical proper physical characteristics of the cloth. The display unit is configured on an outer surface of the housing unit to display the detected physical properties, and physical charact of the cloth. The display unit displays the materials and percentage amount of the materials included in the cloth. The storage unit stores instructions and data pertaining detected physical properties, and physical characteristics of the cloth. The controller unit executes the instructions stored in the storage unit. The controller unit transmits commands based on the detection data.

Complete Specification**Claims:We Claim:**

1. An apparatus to detect a plurality of physical properties, and a plurality of physical characteristics pertaining to a cloth, the apparatus comprising:
a housing unit adaptable to receive a palm of a user;
a sensor unit integrated within the housing unit to detect physical properties, and physical characteristics of the cloth;
a display unit configured on an outer surface of the housing unit to display the detected physical properties, and physical characteristics of the cloth, further the display displays the plurality of materials and a percentage amount of the materials included in the cloth;
a storage unit to store a plurality of instructions and data pertaining to the detected physical properties, and physical characteristics of the cloth; and
a controller unit configured with the storage unit to execute the instructions stored in the storage unit, wherein the controller unit communicatively couple with the sens unit to transmit a plurality of commands based on the detection data.
2. The apparatus according to claim 1, wherein the sensor unit comprises a plurality of scanner units placed at a plurality of tips of the housing unit to scan the cloth a retrieve the physical properties and physical characteristics of the cloth.
3. The apparatus according to claim 1, wherein the sensor unit further comprises a color detector to detect a color of the cloth.

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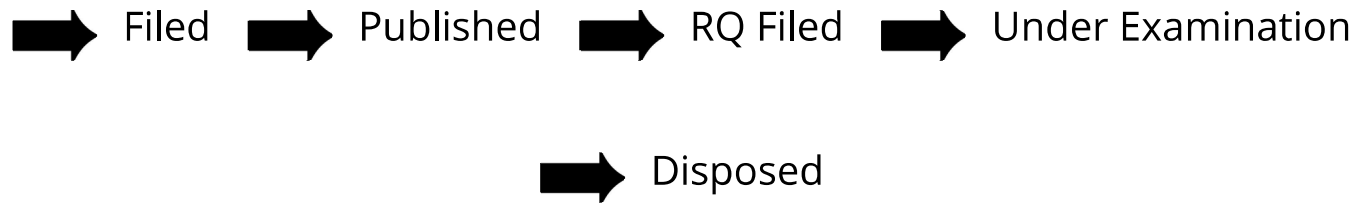
Application Details

APPLICATION NUMBER	201841033886
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/09/2018
APPLICANT NAME	INSTITUTE OF AERONAUTICAL ENGINEERING
TITLE OF INVENTION	APPARATUS TO DETECT PHYSICAL PROPERTIES, AND PHYSICAL CHARACTERISTICS OF A CLOTH
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	vsasawat@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vsasawat@yahoo.co.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	21/09/2018

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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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
1	INSTITUTE OF AERONAUTICAL ENGINEERING	India	Dundigal Road, Dundigal, Hyderabad, Telangana-500043, India.
3	Dr. GANDIKOTA RAMU	India	Associate Professor, Dept. of CSE, Dundigal Road, Dundigal, Hyderabad, Telangana-500043, India.

2. INVENTOR(S):

Sr.No.	Name	Nationality	Address
1	Dr. GANDIKOTA RAMU	India	Associate Professor, Dept. of CSE, Dundigal Road, Dundigal, Hyderabad, Telangana-500043, India.
2	Dr. L V NARASIMHA PRASAD	India	Professor, Dept. of ECE, Institute of Aeronautical Engineering, Dundigal Road, Dundigal, Hyderabad, Telangana-500043, India.
3	Dr. D SHOBHA RANI	India	Professor, Dept. of EEE, Institute of Aeronautical Engineering, Dundigal Road, Dundigal, Hyderabad, Telangana-500043, India.
4	Dr. J. SOMASHEKAR	India	Associate Professor, Dept. of CSE, Gopalam College of Engineering and Management, Bangalore-560048, India.
5	Dr. Y C A PADMANABHA REDDY	India	Assistant Professor, Dept of CSE, Madanapalle Institute of Technology & Science, Madanapalle-517325, India.
6	Dr. B VENKATESWARA RAO	India	Professor, Dept. of IT, Institute of Aeronautical Engineering, Dundigal Road, Dundigal, Hyderabad, Telangana-500043, India.
7	ELEMASETTY UDAYKIRAN	India	Dept. of EEE, Institute of Aeronautical Engineering, Dundigal Road, Dundigal, Hyderabad, Telangana-500043, India.

3. TITLE OF THE INVENTION: STREETLIGHT SYSTEM AND METHOD FOR GENERATING EFFICIENT ENERGY USING RENEWABLE ENERGY SOURCES

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

Prometheus Patent Services Pvt Ltd, Plot No. 34B, Sai Dwaraka Sinman, 1st Floor, HUDA Heights, Near Lotus Pond, MLA Colony, Road No. 12, Banjara Hills, Hyderabad-500034, Telangana, India.

Telephone No.: 9985974665
 Fax No.:
 Mobile No:
 E-mail: patentagent@prometheusip.com

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. GANDIKOTA RAMU, Dr. L V NARASIMHA PRASAD, Dr. D SHOBHA RANI, Dr. J. SOMASHEKAR, Dr. Y C A PADMANABHA REDDY, Dr. B VENKATESWARA RAO, ELEMASETTY UDAYKIRAN, 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):

(c) Name(s): Dr. GANDIKOTA RAMU, Dr. L V NARASIMHA PRASAD, Dr. D SHOBHA RANI, Dr. J. SOMASHEKAR, Dr. Y C A PADMANABHA REDDY, Dr. B VENKATESWARA RAO, ELEMASETTY UDAYKIRAN

(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. GANDIKOTA RAMU

(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.

10. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION:

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): 20/06/2019

Signature: 

Name: PUTTA GANESH
(IN/PA/2933)

To The Controller of Patents
The Patent office at CHENNAI