



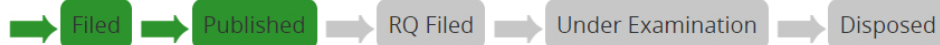
#### Application Details

APPLICATION NUMBER	201941030919
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	31/07/2019
APPLICANT NAME	1 . PROF. Y. MOHANA ROOPA 2 . MR.S.THILLIKKANI (ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING) 3 . MR.P.RAMESH (ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING) 4 . DR.P.NATARAJAN (PROFESSOR OF MECHANICAL ENGINEERING) 5 . DR. J. RETHNA VIRGIL JENY (ASSOCIATE PROFESSOR) 6 . DR. PUSHPENDER SARAO (PROFESSOR CSE DEPT.)
TITLE OF INVENTION	IWF-JACKET: INTELLIGENT BULLET PROOF, WI-FI CONTROLLE JACKET
FIELD OF INVENTION	TEXTILE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/08/2019

#### Application Status

APPLICATION STATUS	Awaiting Request for Examination
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## Patent Search

Invention Title	IWF-JACKET: INTELLIGENT BULLET PROOF, WI-FI CONTROLE JACKET
Publication Number	32/2019
Publication Date	09/08/2019
Publication Type	INA
Application Number	201941030919
Application Filing Date	31/07/2019
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	TEXTILE
Classification (IPC)	A41d1/00

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### Applicant

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### Abstract:

ABSTRACT [220] A bulletproof jacket for protecting personnel against a projectile fired from a gun or the like. The jacket includes an inflatable bulletproof jacket for protecting a targeted individual from fire of a weapon. A controller for controlling the associated components; and a power supply for applying electric current. Also my invention "IWF-jacket" if fully controlled through WI-FI, A bulletproof JACKET which includes a half body, the half body having two receiving spaces respectively defined in two front panels thereof, two front openings respectively disposed at a front placket thereof in communication with the receiving spaces, and a rear opening disposed at a back panel thereof at an inner side between the receiving spaces, a front bulletproof shield mounted in the receiving spaces inside the half body to protect the user's front side against bullet, the front bulletproof shield having two opposite extended lateral side portions respectively extended out of the rear opening at the half body and fastened together by a hook joint, and a rear bulletproof shield fastened to the half body at a back side by hook and loop materials to protect the user's back side against bullet.

Complete Specification

Claims:WE CLAIM

[210]

1. A bulletproof Jacket for protecting personnel against a projectile fired from a gun or the like. The Jacket includes a inflatable bulletproof Jacket for protecting a targeted individual from fire of a weapon; a controller for controlling the associated components; and a power supply for applying electric current.
2. According to claims 1# The invention is to provide the WI-FI Controlled to bulletproof Jacket.
3. According to claims 1# The invention is to available all modern facility.
4. According to claims 1# The invention is to protecting a targeted individual from fire of a weapon.
5. According to claims 1# The invention is to protecting an air tank for ejecting compressed gas or air into the air bag.
6. According to claims 1# The invention is to protecting a high speed air into the air .
7. According to claims 1# The invention is to track the Jacket.

, Description:FIELD OF THE INVENTION

[10] The "IWF-Jacket" invention relates to bulletproof JACKET for protecting personnel against a projectile fired from a weapon, such as a hand gun, a machine gun or the like. More particularly, the "IWF-Jacket" invention relates to protective bulletproof JACKET that can be used for protecting individuals who are particularly at risk of violence by a criminal or terrorist, such as a leading head of state.

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Page last updated on: 26/06/2019

<b>FORM 1</b> 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))	<b><u>(FOR OFFICE USE ONLY)</u></b> Application No: Filing Date Amount of Fees Paid: CBR NO: Signature:
1. APPLICANTS REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)	

**2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]**

Ordinary (✓)		Convention ( )		PCT-NP ( )	
Divisional ( )	Patent of Addition ( )	Divisional ( )	Patent of Addition ( )	Divisional ( )	Patent of Addition ( )

**3A. APPLICANT(S):**

NAME	Country of Residence	NATIONALITY	ADDRESS
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**3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]**

<b>Natural Person (✓)</b>	<b>Other than Natural Person ( )</b>		
	Small Entity ( )	Startup ( )	Others ( )

**4. INVENTOR(S): [Please tick (✓) at the appropriate category]**

<b>Are all the inventor(s) same as the applicant(s) named above?</b>	<b>Yes (✓)</b>	<b>No ( )</b>
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If "No", furnish the details of the inventor(s) N.A

Name	Nationality	Country of Residence	Address
NA	NA	NA	NA

**5. TITLE OF THE INVENTION:**

IWF-Jacket: INTELLIGENT BULLET PROOF, WI-FI CONTROLE JACKET

<b>6. AUTHORISED REGISTERED PATENT AGENT(S)</b>		NA
<b>ADDITIONAL PATENT AGENTS</b>	NA	

<b>7. ADDRESS FOR SERVICE OF APPLICANT/ PATENT AGENT(S) IN INDIA</b> PROF. Y. MOHANA ROOPA Address: INSTITUTE OF AERONAUTICAL ENGINEERING,DUNDIGAL ROAD, DUNDIGAL, HYDERABAD, TELANGANA 500043, INDIA	Mobile No.: 8059794469 E-mail: <a href="mailto:dr.bksarkar2003@yahoo.in">dr.bksarkar2003@yahoo.in</a>
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**8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION: N.A**

Country	Appln. Number	Filing Date	Name of the Applicant	Title of the Invention	IPC (as classified in the convention country)
NA	NA	NA	NA	NA	NA

**9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT):**

International application number	International filing date as allotted by the receiving office.
NA	NA

**10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16,  
PARTICULARS OF ORIGINAL (FIRST) APPLICATION : N.A**

Original (first) application number	Date of filing of Original (first) application
N.A.	N.A.

**11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54,  
PARTICULARS OF MAIN APPLICATION OR PATENT: N.A**

Main application / patent Number	Date of filing of main application
N.A.	N.A.

**12. DECLARATIONS:**

**(i) Declaration by the Inventor:**

**(In case the applicant is an assignee:** the inventor(s) may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period).

We, the above named inventor are the true & first inventor for this invention and declare that the applicant herein is my assignee or legal representative:

NA

**(ii) Declaration by the applicant/s in the convention country:**

**(In case the applicant in India is different than the applicant in the convention country:** the applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)

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

**(iii) Declaration by the applicants:**

We, the applicants hereby declare that: -

1. We are in possession of the above-mentioned invention.
2. The **Complete Specification** relating to the invention is filed with this application.
3. 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: N.A.
4. There is no lawful ground of objection to the grant of the patent to me/ us.
5. We are the assignees or legal representatives of true and first inventors:
6. The application or each of the applications, particulars of which are given in Para – 8 was the first application in convention country/countries in respect of our invention: N.A.

7. We claim the priority from the above mentioned application filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by us or by any person from which we derive the title: **YES**
8. Our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Para-9: **N.A.**
9. The application is divided out of our application particulars of which is given in Para-10 and prays that this application may be treated as deemed to have been filed on N.A. Under sec.16 of the Act: **N.A.**
10. The said invention is an improvement in or modification of the invention particulars of which are given in Para-11 :**N.A.**

**FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION**

**(a) Form 2**

Item	Details	Fee	Remarks
Complete specification) #	No. of pages:		
Claim(s)	No. of claims: No. of pages:		
Abstract	No. of pages:		
Drawing(s)	No. of drawings: No. of pages:		

# In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

1. Complete specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies) **N.A**
2. Sequence listing in electronic form **N.A**
3. Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies) **N.A**
4. Statement and Undertaking on Form-3
5. Declaration of Inventor ship on Form-5
6. Request For Publication Form9 , 2750.Rs
7. Form18 Examination Request, 4400.Rs
8. Power of Authority
9. Other Form 4 to 31 According to needed can fill.

Total fee Rs ...../- **in Cash/ Banker's Cheque /Bank Draft bearing No.....**

**Date.....on..... Bank.**

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

**Dated this    day of.....30/7/19**

PROF. Y. MOHANA ROOPA  
MR.S.THILLIKKANI (ASSISTANT PROFESSOR,  
DEPARTMENT OF MECHANICAL ENGINEERING)  
MR.P.RAMESH (ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING)  
DR.P.NATARAJAN (PROFESSOR OF MECHANICAL ENGINEERING)  
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DR. PUSHPENDER SARAO (PROFESSOR CSE DEPT.)

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