

# CERTIFICATE OF GRANT INNOVATION PATENT

## Patent number: 2021102315

The Commissioner of Patents has granted the above patent on 23 June 2021, and certifies that the below particulars have been registered in the Register of Patents.

### Name and address of patentee(s):

Jeetendra Kumar Tiwaari of Professor and Head SSTC Bhilai India

Sumit Srivastava of Assistant Professor, Dept. of Computer Science & Engineering, Birla Institute of Technology Mesra Ranchi , Jharkhand 835215 India

Manoj Kumar Chande of Professor & Head, Department of Applied Mathematics, Shri Shankaracharya Institute of Professional Management and Technology Raipur, Chhattisgarh 492015 India

Mukesh Thakur of Principal NMDC DAV Polytechnic Dantewada (C.G.) India

S. S. K. Deepak of Assistant Professor, Department of, Mechanical Engg., Bhilai Institute of, Technology, Behind Kendri Railway Station, Abhanpur Road, Atal Nagar Raipur, Chhattisgarh 493661 India

Dileshwar Kumar Sahu of Senior Assistant Professor, Department, of Mechanical Engg., Bhilai Institute of, Technology, Behind Kendri Railway Station, Abhanpur Road, Atal Nagar Raipur, Chhattisgarh 493661 India

Pravin Kumar Borkar of Professor, Department of Mechanical Engg., Bhilai Institute of Technology, Behind Kendri Railway Station Abhanpur Road, Atal Nagar Raipur, Chhattisgarh 493661 India

Sharad Chandra Srivastava of Professor and Head, Industrial &, Production Engineering Guru Ghasidas, Vishwavidyalaya (A Central University) Bilaspur (Chhattisgarh) 495009 India

Shrikant Tiwari of Ph.D. IIT (BHU), Varanasi, Department of Computer Science &, Engineering Shri Shankaracharya Technical Campus Junwani, Bhilai District-Durg, Chattisgarh 490020 India

#### Title of invention:

METHOD AND APPARATUS FOR AIR FILTRATION FOR EXHAUST SILENCER OF A VEHICLE

#### Name of inventor(s):

Tiwaari, Jeetendra Kumar; Srivastava, Sumit; Chande, Manoj Kumar; Thakur, Mukesh; Deepak, S. S. K.; Sahu, Dileshwar Kumar; Borkar, Pravin Kumar; Srivastava, Sharad Chandra and Tiwari, Shrikant

#### Term of Patent:

Eight years from 1 May 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 23rd day of June 2021

Commissioner of Patents

# Extracts from the Patents Act, 1990

Sect 120(1A)	Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.
Sec 128	Application for relief from unjustified threats
(1)	Where a person, by means of circulars, advertisements or otherwise, threatens
	a person with infringement proceedings or other similar proceedings a person
	aggrieved may apply to a prescribed court, or to another court having
	jurisdiction to hear and determine the application, for:
(a)	a declaration that the threats are unjustifiable; and
(b)	an injunction against the continuance of the threats; and
(c)	the recovery of any damages sustained by the applicant as a result of the
	threats.
(2)	Subsection (1) applies whether or not the person who made the threats is
	entitled to, or interested in, the patent or a patent application.
Sec 129A	Threats related to an innovation patent application or innovation patent
	and courts power to grant relief.
Certain threats of in	fringement proceedings are always unjustifiable.
(1)	lf:
(4	a) a person:
	(i) has applied for an innovation patent, but the application has not been
	determined; or
	(ii) has an innovation patent that has not been certified; and
(	b) the person, by means of circulars, advertisements or otherwise, threatens a
	person with infringement proceedings or other similar proceedings in respect of
	the patent applied for, or the patent, as the case may be;
	then, for the purposes of an application for relief under section 128 by the
	person threatened, the threats are unjustifiable.
Courts power to gra	nt relief in respect of threats made by the applicant for an innovation patent or the
patentee of an unce	rtified innovation patent
(2)	If an application under section 128 for relief relates to threats made in respect
	of an innovation patent that has not been certified or an application for an
	innovation patent, the court may grant the application the relief applied for.
Courts power to gra	nt relief in respect of threats made by the patentee of certified innovation patent
(3)	If an application under section 128 for relief relates to threats made in respect
	of a certified innovation patent, the court may grant the applicant the relief
	applied for unless the respondent satisfies the court that the acts about which
	the threats were made infringed, or would infringe, a claim that is not shown by
	the applicant to be invalid.
Schedule 1	Dictionary
	certified, in respect of an innovation patent other than in section 19, means a
	certificate of examination issued by the Commissioner under paragraph
	101E(e) in respect of the patent