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Department of Industrial Policy & Promotion,
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PATENTS/DESIGNS/TRADE MARKS
GEOGRAPHICAL INDICATIONS

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Application Details	
APPLICATION NUMBER	202011042969
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/10/2020
APPLICANT NAME	SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY
TITLE OF INVENTION	A COMPACT PORTABLE WASTE DISPOSAL DEVICE AND METHOD THEREOF
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	integrumpip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	24/08/2023
PUBLICATION DATE (U/S 11A)	08/04/2022

Application Status

APPLICATION STATUS	Application Awaiting Examination
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→ Filed → Published → RQ Filed → Under Examination → Disposed

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Application Details

APPLICATION NUMBER	202211048444
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/08/2022
APPLICANT NAME	1 . Dr. Surinder Singh 2 . Vishal Sharma
TITLE OF INVENTION	METHOD AND DEVICE FOR GENERATING OPTICAL FREQUENCY COMB (OFC) SIGNAL AND OFC SYSTEM THEREOF
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	sulipta.kiranipr@gmail.com
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E-MAIL (UPDATED Online)	
PRIORITY DATE	--
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/12/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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Application Details

APPLICATION NUMBER	202111034814
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/08/2021
APPLICANT NAME	SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY
TITLE OF INVENTION	METHOD FOR DETECTION AND DETERMINATION OF CONCENTRATION OF KMNO4 UP TO MICRO MOLAR LEVEL
FIELD OF INVENTION	POLYMER TECHNOLOGY
E-MAIL (As Per Record)	integrumip@gmail.com
ADDITIONAL-E-MAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	03/03/2023

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2022

(21) Application No.202211037172 A

(43) Publication Date : 23/06/2023 ✓

(54) Title of the invention : A PORTABLE MUD BASED CURVY AND CONE HEAT SINKER SYSTEM FOR OUTDOOR AIR CONDITIONER UNIT

(51) International Classification	:F24F0005000000, F24F0013220000, F24F0001022000, G01N0001100000, F24F0011300000	(71) Name of Applicant : 1)SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY Address of Applicant :Longowal, Distt. Sangrur, Punjab-148106, India Name of Applicant : NA Address of Applicant : NA
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	2)JONNY SINGLA Address of Applicant :Assistant Professor, Mechanical Engineering Department, Sant Longowal Institute of Engineering and Technology, Longowal, Distt. Sangrur- 148106, Punjab, India
Filing Date	:NA	
(62) Divisional to Application Number	:NA	3)ANIL KUMAR SINGLA Address of Applicant :Associate Professor, Mechanical Engineering Department, Sant Longowal Institute of Engineering and Technology, Longowal, Distt. Sangrur-148106, Punjab, India.
Filing Date	:NA	
		4)DEEPAK KUMAR GOYAL Address of Applicant :Assistant Professor, Mechanical Engineering Department, IK Gujral Punjab Technical University, Main Campus, Kapurthala-144603, Punjab, India.
		5)JAGTAR SINGH Address of Applicant :Professor, Mechanical Engineering Department, Sant Longowal Institute of Engineering and Technology, Longowal, Distt. Sangrur-148106, Punjab, India.

(57) Abstract :

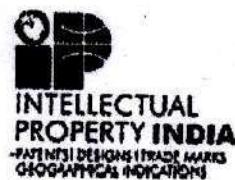
The present disclosure relates to a portable mud based curvy and cone heat sinker system(20) for outdoor air conditioner unit. The system(20) comprising frame(1) provided on the condenser side of outdoor air conditioning unit. Frame comprising bottom water tank(11) which is configured to collect waste water from air conditioner. First inlet valve (5) and second inlet valve(6) provided on bottom water tank(11) of frame(1). Mud based curvy and cone matrix(9) mounted on stand(13). Mud based curvy and cone matrix(9) having conical shaped passages(12) with bigger diameter towards air conditioning unit. Pump(2) provided on bottom water tank(11). Delivery pipe(3) having first side connected to pump(2) and second side connected with upper water rail(8). Delivery pipe(3) configured to deliver water from bottom watertank(11) to upper water rail(8) using pump. Pores(7) configured to sprinkle water on mudbased curvy and cone matrix(9). Drain valve (4) provided on bottom watertank(11) to drain out collected water.

No. of Pages : 16 No. of Claims : 11



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Application Details

APPLICATION NUMBER 202411029477
APPLICATION TYPE ORDINARY APPLICATION
DATE OF FILING 11/04/2024
APPLICANT NAME Sant Longowal Institute of Engineering and Technology (SLIET)
TITLE OF INVENTION A SEGMENTED TOROIDAL ACTUATOR AND A METHOD OF OPERATING THE SEGMENTED TOROIDAL ACTUATOR
FIELD OF INVENTION MECHANICAL ENGINEERING
E-MAIL (As Per Record) agamgoel4@gmail.com
ADDITIONAL-E-MAIL (As Per Record)
E-MAIL (UPDATED Online)
PRIORITY DATE
REQUEST FOR EXAMINATION DATE 14/04/2024
PUBLICATION DATE (U/S 11A) 10/05/2024

Application Status

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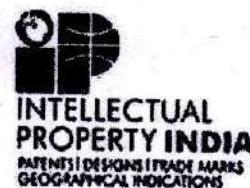
Application Awaiting Examination

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Application Details

APPLICATION NUMBER	202411004511
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/01/2024
APPLICANT NAME	Sant Longowal Institute of Engineering and Technology
TITLE OF INVENTION	LOW GI PROTEIN-POLYPHENOL NANOCONJUGATES CONTAINING FUNCTIONAL MODEL SOUP BASE AND ITS METHOD OF PREPARATION
FIELD OF INVENTION	FOOD
E-MAIL (As Per Record)	poojasood28@hotmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	23/01/2024
PUBLICATION DATE (U/S 11A)	09/02/2024

Application Status

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Application Details

APPLICATION NUMBER	202411010407
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/02/2024
APPLICANT NAME	SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY
TITLE OF INVENTION	A SYSTEM AND METHOD TO DESIGN SINGLE LASER SOURCE ASSISTED ALL-OPTICAL LOGIC GATES
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	silverliningipr@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	16/05/2024
PUBLICATION DATE (U/S 11A)	23/02/2024

Application Status

APPLICATION STATUS

Application referred u/s 12 for examination.

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