



#### ORIGINAL

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पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 381334-001

तारीख / Date : 12/03/2023

परस्परिकता तारीख/Reciprocity Date\*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो TRANSDERMAL ALCOHOL MONITORING DEVICE से संबंधित है, का पंजीकरण, श्रेणी 10-05 में 1.Dr. Dharmendra Ahuja 2. Hemlata Rathore 3.Ankit Kumar 4.Shmriti 5.Dr. Nihar Ranjan Kar 6.Ms. Linda Xavier 7.Mr. Abhijit Gupta के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 10-05 in respect of the application of such design to TRANSDERMAL ALCOHOL MONITORING DEVICE in the name of 1.Dr. Dharmendra Ahuja 2. Hemlata Rathore 3.Ankit Kumar 4.Shmriti 5.Dr. Nihar Ranjan Kar 6.Ms. Linda Xavier 7.Mr. Abhijit Gupta.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the
Designs Rules, 2001.

जारी करने की विशि Date of Issue

01/06/2023



महानियंत्रक पेटेंट डिजीहन और व्यापार चिद्र

॰पारस्परिकता ठारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्याधिकार पंजीकरण की ठारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निवंधनों के अधीन, पाँध वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.

(21) Application No.202211075082 A

(19) INDIA

(22) Date of filing of Application: 24/12/2022

(43) Publication Date: 30/12/2022

#### (54) Title of the invention: A POLYHERBAL FORMULATION TO TREAT BACTERIAL SKIN DISEASE

(51) International	:A61P0017000000, A61K0036185000, A23L0033105000, A61P0031040000, A61K0009060000	1)Rohini Sharma Address of App Vedaant Gyan Vall Jaipur Ajmer Expre (INDIA) Jaipur
(86) International	:NA	Name of Applican
Application No Filing Date	:NA	Address of Applic
(87) International		(72)Name of Inver
Publication No	: NA	1)Rohini Sharm
(61) Patent of Addition	NIA	Address of Applica
to Application Number Filing Date	:NA	Vedaant Gyan Vall Jaipur Ajmer Expre
Application Number	:NA :NA	(INDIA) Jaipur 2)Prof. (Dr.) Dhe Address of Applica
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ant :Jayoti Vidyapeeth Women's University, lley, Village-Jhama, Mahala Jobner Link Road, ess Way, NH-8, Jaipur-303122, Rajasthan

harmendra Ahuja

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#### (57) Abstract:

The present invention relates to a polyherbal formulation to treat bacterial skin disease. Particularly, the present invention relates to a polyherbal formulation from plant extract as per the concentration of polyherbal formulation and prepared syrup which is used to treat the skin disease causing bacteria.

(22) Date of filing of Application :24/12/2022 (43) Publication Date: 30/12/2022

#### (54) Title of the invention: AN INNOVATIVE GEOMETRIC MODEL TO BREAK THE COVID-19 CHAIN

:A61B0005000000, G16H0030400000, (51) International G16H0050800000, A61B0005349000,

classification G16H0020400000

(86) International :NA Application No :NA Filing Date

(87) International : NA **Publication No** 

(61) Patent of Addition:NA to Application Number :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

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Address of Applicant: Jayoti Vidyapeeth Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA) -----

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Address of Applicant :Jayoti Vidyapeeth Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA). Jaipur -----

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#### (57) Abstract:

Spread of Covid -19 virus constitutes a chain that is geometric in mathematical nature and a model is developed in the form of Geometric progression that clear explains that how without breaking the chain it is not possible to minimize the spread rate. To optimize the resources physicals, suggested model be taken into the account. Model suggests that a series of infected may be like a Geometric progression in which first term, is multiplied by the common ratio. If there are two people founded Covid -19 infected then these two can infect four others and then in the third term eight, then sixteen, then thirty two and so on. Model may be shown as 2+4+8+16+32+64+128+256+---- Here 2 is the first term of this geometric model and common ration is two. This chain is showing how fast is growth rate of spreading of Covid infection. If at any instant this Geometric chain is break there is possibility of control of Covid chain break.

(22) Date of filing of Application :25/02/2023 (43) Publication Date : 17/03/2023

# (54) Title of the invention: ANALYSIS OF MAGNETIC FIELD ON BOUNDARY LAYER STAGNATION POINT FLOW OF A MICROPOLAR FLUID WITH UNIFORM SUCTION/INJECTION AND HEAT GENERATION/ ABSORPTION

(51) International classification (86) International	:B64C 210600, C23C 164550, F23D 148400, G01N 150400, G06T 070000 :NA	(71)Name of Applicant:  1)VEDANT GARG  Address of Applicant :Jayoti Vidyapeeth Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road,
Application No	:NA	Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan
Filing Date		(INDIA)
(87) International Publication No		Name of Applicant : NA
(61) Patent of Addition to		Address of Applicant : NA
Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Jv'n Dr. Vishal Saxsena
(62) Divisional to		Address of Applicant :Jayoti Vidyapeeth Women's University,
` '	:NA	Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road,
Application Number Filing Date	:NA	Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan
6 1		(INDIA) Jaipur

#### (57) Abstract:

Numerical analysis is used to undertake a thorough investigation of the steady laminar flow with heat generation of an incompressible electrically conducting micro polar fluid impinging on a permeable flat plate. The plate is subjected to a normal, uniform suction or blowing while being kept at a consistent temperature. The viscous dissipation effect is considered as well as the application of a homogeneous magnetic field normal to the plate. Using similarity variables, the controlling partial differential equations are first converted to ordinary differential equations, which are then numerically solved using computer a language MATLAB. The effects of magnetic parameter on various profiles such as velocity and temperature have been studied and presented.

(22) Date of filing of Application :24/12/2022 (43) Publication Date : 30/12/2022

#### (54) Title of the invention: FISHES IN A PADDY CROP LAND MAY INCREASE ITS FERTILITY LEVEL

(51) International classification	:A01K0063040000, A22C0025160000, A01K0063020000, C02F0101160000, A22C0025020000	(71)Name of Applicant:  1)VEDANT GARG  Address of Applicant: Jayoti Vidyapeeth Women's University,
(86) International Application No Filing Date	:NA :NA	Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA).
(87) International	: NA	Name of Applicant : NA Address of Applicant : NA
(61) Patent of Addition to Application Numbe Filing Date	n:NA r:NA	(72)Name of Inventor:  1)Dr.Shobha Lal Address of Applicant: Jayoti Vidyapeeth Women's University,
(62) Divisional to Application Number Filing Date	:NA :NA	Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA). Jaipur

#### (57) Abstract:

Fish is the unique living body that bears ten different parts as Gill, Mouth, Mostril,, Eyes, Scales, Dorsal Fines, Lateral lines, Caudal Fin, Palvic Fin, Pectoral Fin and these all parts always work in such a way that regular oxygen from the atmosphere is pulled by the fishes present in a water lodged paddy land. The continuous chain of air into the water also pulls Nitrogen particles available more in the atmosphere. This extraneous presence of Nitrogen in the water of a paddy land give additional nutrients to the paddy and comparatively where there are find more fishes there is find more growth in the Paddy. These Natural phenomena may be observed in the fields of Northern belt of India as in this region naturally the magnitude of seasonal rain is high and during study it has been found that land area having more fishes density more fertility and paddy in such lands give high productivity of seasonal crops. Body of a particular fish in the water work like a machine and a linkage bridge between the air constituents and soil composition of land. Inventor is of the view that fisheries can boost the fertility of any segment of land.

(22) Date of filing of Application :09/11/2022 (43) Publication Date : 18/11/2022

# (54) Title of the invention : GRASSES AS THE MAGNETIC REDUCTION AMPLIFIER FOR ENERGY LEVEL IN DAILY LIFE: FRICTIONAL FRIEND

(51) International classification	:A61H0023020000, A61B0017320000, A43B0003100000, A45F0003040000, A61B0001005000	(71)Name of Applicant: 1)VEDANT GARG Address of Applicant :Jayoti Vidyapeeth Women's University,
(86) International Application No Filing Date	:NA :NA	Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA)
(87) International Publication No	: NA	Name of Applicant : NA Address of Applicant : NA
(61) Patent of Addition to Application Number Filing Date	on:NA er:NA	(72)Name of Inventor: 1)JV'n Dr.Shobha Lal Address of Applicant: University Campus Jayoti Vidyapeeth
(62) Divisional to Application Number Filing Date	:NA :NA	Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA) Jaipur

#### (57) Abstract:

Round the clock the process of oxidation and reduction (REDOX) inside the human body is one of the important chemical processes which happened to be held inside the human bodies. Scalable heat of the body maps the human survival. It is not known that what is the minimum and maximum heat/energy level for human survival but in the school of nature, nature itself teach us for our survival. It is the known fact that when two materialistic substances come into the contact of one another and collide or move on one another surface heat level of both of the bodies changed. Probability of the formation of nodes and anti-nodes of heat transmission in the sole of human foot is possible. Early old age, whiteness of hairs, fatigue in human body and its parts may suppose as the disturbances in the chain heat reduction amplifier of the body. Those who move on the grass surface by necked foot in the morning and in the evening lacks to such problem .Some health experts also suggest for such walk without shoes or slippers, our innovation tending to some specific claims and terming frictional forces working between the grass field and sole of the foot of the pedestrians as Frictional friend.

(21) Application No.202211064439 A

(19) INDIA

(22) Date of filing of Application :11/11/2022 (43) Publication Date : 25/11/2022

#### (54) Title of the invention: MAGNETISM OF HUMAN HEAD AND IMPACT OF RADIATION FROM SMART PHONES

(51) International classification	:G06N0020000000, G09B0019000000, G16H0050200000, A61B0005145500, G08B0021040000	(71)Name of Applicant: 1)VEDANT GARG Address of Applicant: Jayoti Vidyapeeth Women's University,
(86) International Application No Filing Date	:NA :NA	Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA)
(87) International Publication No	: NA	Name of Applicant : NA Address of Applicant : NA
(61) Patent of Additio to Application Number Filing Date	n:NA :r:NA	(72)Name of Inventor: 1)JV'n Dr.Shobha Lal Address of Applicant: University Campus Jayoti Vidyapeeth
(62) Divisional to Application Number Filing Date	:NA :NA	Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA) Jaipur

#### (57) Abstract:

Maximum use of smart phones by the children giving born of the different types health hazards. Cognitive changes may be due to negligence of parents towards their kids due to their office life schedule and unequilibrium family affairs. According to a study human head is the biggest magnet of human physiology. To save the head by the different types colors of ray of light nature has gifted black hairs on the heads of the citizens of Asia continent but now radiation of some extent ray as wave has threatened to the childhood of our current generation. Due to regular exothermic reaction inside the head of a human there are possibilities of formation electromagnetic field in a circular field like shape. Smart phones also radiate waves and they collide with the wave radiation of the human heads due to difference in the rigidity values` of the head of a child and head of a young or old human children using more smart phones are being more effected. Radiations are not only affecting head by the other physiological region of the body of a children hampering photocell like materials may exist in the body of child. As per our study and a result on cognitive changes in the children, such environments are generating Artificial intelligence platform the body of a children using more smart phones more than 25% hours of a day and such children showing unusual human behaves combing with the natural human behavior of the child concern.

(22) Date of filing of Application :04/03/2023 (43) Publication Date : 17/03/2023

### (54) Title of the invention: PANCHAGAVYA - AN EFFECTIVE ANTIDIABETIC

(51) International classification (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:A61K 311550, A61K 314270, A61K 314439, A61K 316400, A61P 031000 :NA :NA : NA	(71)Name of Applicant:  1)VEDANT GARG  Address of Applicant: Jayoti Vidyapeeth Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA) Name of Applicant: NA Address of Applicant: NA (72)Name of Inventor:  1)Jv'n Dr K. K. Choudhary
Filing Date	:NA	Address of Applicant :Jayoti Vidyapeeth Women's University,
(62) Divisional to Application Number Filing Date	:NA :NA	Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA) Jaipur

#### (57) Abstract:

Panchagavya ghrita composition is useful for the protection of diabetes and other associated diseases from diabetes. It is effective Ayurvedic medicine in the treatment of diabetes and no side effects on the human body. In this panchagavya ghrita preparation, all cow products have their specific medicinal properties. This panchagavya ghrita preparation is induced in diabetic mice for the treatment of diabetes orally. The panchagavya ghrita has anti-diabetic property.

(22) Date of filing of Application :04/03/2023 (43) Publication Date : 17/03/2023

### (54) Title of the invention : GREE ENERGY EMERGENCY SMART MOBILE PHONE CHARGER WITH RADIATION PROTECTOR

<ul><li>(51) International classification</li><li>(86) International Application No Filing Date</li></ul>	:G08B 251200, H02J 070000, H04M 010200, H04M 017241, H04W 765000 :NA :NA	(71)Name of Applicant:  1)VEDANT GARG  Address of Applicant: Jayoti Vidyapeeth Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA)
(87) International Publication No	: NA	Name of Applicant : NA Address of Applicant : NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	(72)Name of Inventor:  1)Sumit Yadav  Address of Applicant: University Campus Jayoti Vidyapeeth
(62) Divisional to Application Number Filing Date	:NA :NA	Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA jaipur

#### (57) Abstract:

The energy produced by piezoelectricity may be employed, just like any other type of electrical current, but its output is relatively constrained; it is only around 20 watts (in comparison, a mobile phone charges at 15 watts). Electric generators must be positioned in high-traffic places, such as the lobby of buildings, a subway station, or a gym's weight room, in order to utilize this power. The energy funneled via the system is used relatively near to where it is generated in order to prevent losses across long distances. Frequently within a few meters. For instance, it can supply power to neighboring phone gadgets. The International Atomic Energy Agency (IAEA) defines radiation protection as "the protection of individuals against detrimental consequences of exposure to ionizing radiation, and the means of doing this." Radiation protection is also known as radiological protection. Internal irradiation can be produced by the ingestion of radioactive contaminants or it can result from exposure to radiation that comes from a source that is outside of the human body. Because we use a word green energy mobile charger and radiation protector it means This gadget is ecofriendly with environment as well as for our health also because it is save from harmful radiation also. Here we also providing radiation protector. What this phrase means is that, as a result of the rising levels of pollution in modern times, there is a greater risk of exposure to various types of radiation, which can lead to a variety of diseases that are harmful to our bodies. In order to mitigate this risk, we offer radiation protector device alongside our gadget called "Green energy emergency smart mobile phone charger with radiation protector". The material used to make this shoes will be water-resistant and able to withstand changes in weather, and both pieces of equipment will be set up so they can function without drawing attention to themselves. Canvas, nylon, and polyvinylchloride (PVC) are a few examples of natural or polymer textiles that are frequently used for this design. Canvas is typically made of cotton. A materials is a "structured substance," often formed as a flat, flexible sheet, by weaving or knitting bundles of material together; in some cases, the method just tangles the material, which causes friction to hold the materials together. The weave of many textiles is covered on both sides by polymer films during the multi-layer composite manufacturing process (this could be to give protection to the material, to provide waterproofing, or to change the appearance of the materials).

(19) INDIA

(22) Date of filing of Application :09/11/2022

(21) Application No.202211063960 A

(43) Publication Date: 18/11/2022

#### (54) Title of the invention: JV LEGAL DIGITAL SCOPE

(51) International classification	:G06Q0050180000, G06Q0010100000, E01C0013060000, C09D0005020000, H01L0051000000	(71)Name of Applicant: 1)VEDANT GARG Address of Applicant: Jayoti Vidyapeeth Women's University,
(86) International Application No Filing Date	:NA :NA	Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA)
(87) International Publication No	: NA	Name of Applicant : NA Address of Applicant : NA
(61) Patent of Addition to Application Number Filing Date	on :NA er :NA	(72)Name of Inventor: 1)Prof (Dr)BeenaDewan Address of Applicant:University Campus Jayoti Vidyapeeth
(62) Divisional to Application Number Filing Date	:NA :NA	Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA) Jaipur

#### (57) Abstract:

Legal Digital Scope is an 'Online website and Apps' which provides suggestions and solutions related to the legal issues. The main attraction of this website and apps will be to provide a wide spectrum of legal cure. information related to law like acts and section and its provisions. As well as decision and statement of Supreme Court and lower courts. Also provide important number of police and judicial persons like 100 number, 108 number and lawyers numbers.

(22) Date of filing of Application :09/11/2022 (43) Publication Date : 18/11/2022

#### (54) Title of the invention: MODIFIED LABORATORY BALL MILL

(51) International classification

(86) International

(51) International

(B02C0017180000, B02C0017100000, B02C0017220000, B02C0017160000, B02C0017240000

(86) International
Application No
Filing Date
(87) International
Publication No
(61) Patent of Addition
to Application Number
:NA
:NA
:NA
:NA

Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
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Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor :

1)Jv'n Prof. Dr Dharmendra Ahuja

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2)Jv'n Shilpa Thakur

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#### (57) Abstract:

The Ball Mill is used for milling of drug substances that is important for drugs during the production of dosage forms. The process works on the mechanism of impact and attrition which can be a noisy process with wear of steel balls and casting and also drug wastage due to sticking on the balls during product separation. The Modified Ball Mill equipment is used for milling of drugs with reduced noise by lining the inner surface of container with rubber and using a detachable sieve for the easy product removal preventing wastage providing accuracy in obtained results. Briefly, the coarse drug is placed in the rubber lined container along with steel balls reducing noise and reducing wear of steel balls with casting. The container is closed with cap and operated at optimum speed. While removing the product, a detachable sieve is attached removing the cap that helps in easy removal of the product preventing balls inside the container. This helps in preventing wastage of product and accurate results can be obtained.

(19) INDIA

(22) Date of filing of Application: 11/11/2022 (43) Publication Date: 25/11/2022

(54) Title of the invention: PH-TDS INTEGRATED METER

(51) International classification :C02F0001000000, A01D0084000000, C02F0003340000, H01L0021670000,

C09K0008588000

:NA

(86) International
Application No
Filing Date
(87) International

(87) International Publication No : NA

(61) Patent of Addition :NA to Application Number :NA Filing Date (62) Divisional to :NA

Application Number Filing Date

(71)Name of Applicant:

(21) Application No.202211064458 A

1)VEDANT GARG

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Name of Applicant: NA Address of Applicant: NA (72)Name of Inventor:

1)Jv'n Prof. Dr Dharmendra Ahuja

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2)Jv'n Anamika Verma

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#### (57) Abstract:

The pH-TDS merger meter equipment is used to determine the pH of different solutions and used to detect the presence of Total Dissolved solids in the solution such as salts and minerals and helps in determining the removal of bacterial or unwanted elements in the solution. The pH -TDS merger meter equipment can be used in various agriculture industry for soil evaluation, food industry, pharmaceutical industry, pollution department centers, and chemical industry. It enables the direct measurement of pH in the living cell and in the solution filtration and purification.

(22) Date of filing of Application:11/11/2022 (43) Publication Date: 25/11/2022

#### (54) Title of the invention: REAL TIME MONITORING ENABLED - POLE CLIMBING APPARATUS

:A01K0001030000, H04N0005225000, (51) International A01K0029000000, H04N0005770000, classification

A01K0067027000

:NA

(86) International :NA Application No :NA Filing Date (87) International

: NA **Publication No** 

(61) Patent of Addition:NA to Application Number :NA Filing Date (62) Divisional to :NA **Application Number** 

Filing Date

(71)Name of Applicant:

1)VEDANT GARG

Address of Applicant : Jayoti Vidyapeeth Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA) -----

Name of Applicant: NA Address of Applicant: NA (72) Name of Inventor:

1)Jv'n Dr. Dharmendra Ahuja

Address of Applicant : University Campus Jayoti Vidyapeeth Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA) Jaipur -----

2)Jy'n Amandeep swami

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#### (57) Abstract:

The Pole climbing camera-integrated double buzzer equipment is used for behavioral testing in rodents and is useful for evaluating the antipsychotic effects of pharmacological agents and defining brain regions and mechanisms underlying fear-related behavior, and also includes a high-resolution camera for time real monitoring and recording of movements and flicks of the rodent in the chamber. The Pole climbing camera-integrated equipment is used to evaluate medications used to treat anxiety. This is a model of fear in rodents and will be representative of those tests based on the study of spontaneous behavior patterns. The model is based on the animal's aversion to open spaces. In the Pole climbing equipment integrated in the camera, this fear is expressed by the fact that the animal spends more time on the pole and climb to more height when buzzer is sound two times. Briefly, the rodent is placed in the chamber, facing double buzzer sound, and the observer records the activity of the rodent in double buzzer sound simultaneously for 5 minutes. Other ethological parameters (e.g.-, back, head tilt, and upright posture) are also observed using an integrated camera. An increase (duration and / or inputs) reflects behavior which is monitored by an integrated camera.

(22) Date of filing of Application :09/11/2022 (43) Publication Date : 18/11/2022

#### (54) Title of the invention: REAL TIME MONITORING ENABLED - WOODEN MAZE EQUIPMENT

(51) International classification	:A61B0005000000, A01K0001030000, H04N0005225000, A01K0029000000, A61P0025240000	(71)Name of Applicant: 1)VEDANT GARG Address of Applicant: Jayoti Vidyapeeth Women's University,
(86) International Application No	:NA :NA	Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan
Filing Date (87) International Publication No	: NA	(INDIA) Name of Applicant : NA Address of Applicant : NA
(61) Patent of Additio to Application Number	er:NA er:NA	(72)Name of Inventor : 1)Jv'n Prof. Dr Dharmendra Ahuja
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	Address of Applicant :University Campus Jayoti Vidyapeeth Women's University, Vedaant Gyan Valley, Village-Jharna, Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8, Jaipur-303122, Rajasthan (INDIA) Jaipur

#### (57) Abstract:

The wooden maze camera-integrated apparatus is used for rodent behavioural testing and is useful for determining the brain regions and mechanisms underlying fear-related behaviour. It also includes a high-resolution camera for real-time monitoring and recording of the rodent's movements and flicks in the open and closed arm. The Woodenmaze camera-integrated apparatus is used to assess anxiety medicines. This is a rat fear model that serves as a good benchmark for testing based on the analysis of spontaneous behavioural patterns. The animal's aversion to open places serves as the basis for the model. This dread is demonstrated in the Wooden maze equipment built into the camera by the fact that the animal spends more time in closed arms. Briefly, the rodent is placed at the junction of the four arms of the maze, facing an open arm, and the observer records the entries / durations in each arm simultaneously for 5 minutes. Other ethological parameters (eg, back, head tilt, and upright posture) are also observed using an integrated camera. An increase in open arm activity (duration and / or inputs) reflects anxiolytic behavior which is monitored by an integrated camera.

(22) Date of filing of Application :23/10/2020 (43) Publication Date : 10/03/2023

#### (54) Title of the invention: THREE ARM MAZE APPARATUS

(51) International classification	:A01K0015020000, A01K0067027000, A01K0001030000, G09B0007060000,	, ,
(21) 7.1.1.7	G09B0019000000	Mahala Jobner Link Road, Jaipur Ajmer Express Way, NH-8,
(31) Priority Document No	:NA	Jaipur-303122, Rajasthan (INDIA) Rajasthan India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Panckaj Garg
(86) International Application No	:NA	2)Dr. Dharmendra Ahuja
Filing Date	:NA	3)Sheetal Singh
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention of Three Arm Maze Apparatus relates to neuropharmacological screening and partcularly usefull for testing of memory enhancing drugs in mice or rats. The learning of mice or rats is based on olfactory sensation of food. This apparatus will be useful in study of evaluation of memory enhancing drugs. In previously invented learning and memory testing apparatus like two component tests, uphill avoidance, and shuttle box avoidance, pole climbing apparatus the evaluation was made on the basis of sound and electric shock given to mice or rats. The sound and electric shocks can be used for evaluation of learning in rodents, but it has some disadvantages like, electric shock causes threatening to rodents and needed lot of the training for rodent learning. These problems will be overcome by the present invention "Three Arm Maze Apparatus", which is useful for evaluation of memory. Through this apparatus neither the threatening by electric shock will be done nor will the vigorous training be required for rodents learning. For testing of memory enhancing drugs, Food is kept in any one closed arm, then the rodent is placed on the end of open arm, the subject (rodent) is given a free choice, during the trial, to choose either one of the baited arms. Once the rodent has made its choice, it is confined to that goal arm by closing the respective door. The subject is removed from the goal arm after it has consumed the food reward or seen the empty end, after that the door in the maze is opened. The subject is then once again placed in the open arm and is analysed that it alternates its choice from its previous selection or not. The Three Arm Maze Apparatus (TAM) is an apparatus which will be used to evaluate drugs which are used for memory enhancing, this is a rodent model of memory enhancing, and will be representative of those tests that are based upon the study of psychological behaviour patterns. It uses non threatning methology for evaluation so it is non-cruel method of testing unlike other contemporary methods available for studying memory enhancing drugs additionally this method is economic and easy to use.

# Federal Republic of Germany

# Certificate

certificate of registration Utility Patent No. 20 2022 104 673

Title:

Social Network Traceability System

IPC:

G06F 16/387

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Cornelia Rudloff-Schäffer

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München, 05.09.2022

(22) Date of filing of Application :23/05/2023

(43) Publication Date: 30/06/2023

# (54) Title of the invention : SMART AND UNIQUE PROCESS TO IDENTIFY DEVIATION OF QUALITY CONTROL FROM STAKEHOLDERS IN EDUCATION SYSTEM

(51) International classification (86) International Application No Filing Date	:G06Q 101000, G06Q 502000, G060 503000, H04L 411200, H04L 51520 :NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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#### (57) Abstract:

ABSTRACT The invention relates management and application of this invention is to implement Smart and unique process to identify deviation of quality control from stakeholders in education system. The idea of the dual roles of students (customers/grade-seekers) and faculty (suppliers/retention-seekers), and examines how these two roles interact to affect how the educational process is evaluated. The discovery of two pairs of opposing roles played by both participants in the instruction process, which makes it more difficult to comprehend the idea of quality and the relevance of TQM to higher education.