

### 3.4.3 Number of Patents/ Copyrights published/awarded/technology transferred during the last five years

S.No.	Name of the Patenter/ Copyrights awardee	Patent /Copyright Number	Title of the patent/copyright	Year
1	Dr. Juhi Aggarwal, Dr. Jyoti Batra,	202011045394	An Artificial Intelligence Based System And Method To Analyze Biochemical And Immune Marker Abnormalities In Corona Virus Patients	2021-22
2	Dr. Jyoti Batra, , Mr. Ajit Thakur, Dr Salaj Rana	202011039640	A System and Method For Analyzing Blood Lead Levels And Its Effect On Various Parameter Using Hand Held Device	2021-22
3	Dr. Shailza Rai, Dr. Preeti Sharma, Dr. Pradeep Kumar	202111026356	A System And Method For A Cost Effective Analysis Of Adiponectin And A Set Of Inflammatory Markers	2021-22
4	Mr. Ajay Kumar, Dr Dakshina Bisht	202111003543	Method For Lcms Based Proteomic Analysis Of Circulating Immune Complexes From Tuberculosis Patients	2021-22
5	Dr. Rajiv Ahluwalia, Dr. Parvinder Kaur, Dr. Mayank Gupta, Dr. Stephen Chain,	202011055153	A System And Method For Reactivation Of An Open-Coil Spring	2021-22
6	Dr. Kunal Sharma, Dr. Rajiv Ahluwalia,	202011055152	Rotation Wedge	2021-22
7	Mayank Gupta, Ragni Tandon, Pratik Chandra Dr. Rajiv Ahluwalia Dr. Kriti Madhok	202111024335	Bite Block For Dental Patient	2021-22
8	Dr. Satyavir Singh, Dr. Ritu Sharma	202111024333	An Improved Alcohol Torch	2021-22
9	Dr. Manoj Goyal, Dr. Mayank Singhal	202211030470	A Smart Lock Hybrid Maxillomandibular Fixation (Mmf) System	2021-22
10	Dr. Kunal Sharma, Dr. Rajiv Ahluwalia	202111003542	"K" Spring A Retraction Spring	2021-22
11	Dr. Saurabh Gupta, Prof. (Dr.) Jyoti Batra,	202011052228	A Device And Its Method For Corona Virus (Covid -19) Detection	2021-22
12	Dr. Neeti Mittal, Dr. Manoj Goyal,	202011055154	A Single Step Short Duration Space Maintainer	2021-22
13	Dr. Neeti Mittal, Dr. Manoj Goyal,	202111024334	A Ball And Loop Self-Lockable Retainer Free Matrix System	2021-22
14	Dr Shweta Bali, Dr Akshay Bhargava, Dr Neeti Mittal, Dr Priyanka Thukral, Dr Priyanka Agarwal, Dr Shobhit Arora	202111030108	A Disposable Periodontal Probe	2021-22
15	Dr Priyanka Aggarwal, Dr Akshay Bhargava, Dr Shweta Bali	202111026357	A Disposable Biangled Plaque Sampling Instrument	2021-22
16	Dr. Manisha Gupta	202211059132	A Low Cost Disposable Endometrial Sampling Instrument	2021-22
17	Dr. Neeti Mittal	202211055898	A Spring Activated Universal Band Pincher	2021-22
18	Dr. Jyoti Batra	202211034894	Back Support Assembly For Rider Seat For Two-Wheelers	2021-22



**S. No. 1**

Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

**Application Details**

APPLICATION NUMBER	202011045394
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/10/2020
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	AN ARTIFICIAL INTELLIGENCE BASED SYSTEM AND METHOD TO ANALYZE BIOCHEMICAL AND IMMUNE MARKER
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vijay.sharma@sansshadow.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	27/05/2022

**Title of the patent:** An Artificial Intelligence Based System And Method To Analyze Biochemical And Immune Marker Abnormalities In Corona Virus Patients

**Patent /Copyright Number:** 202011045394

**Name of the Patenter/ Copyrights awardee:** Dr. Juhi Aggarwal, Dr. Jyoti Batra

**Year of Awarded/Published:** 2022



**S. No. 1**

**Publication After 18 Months:**

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION (21) Application No.202011045394 A  
(19) INDIA  
(22) Date of filing of Application :19/10/2020 (43) Publication Date : 27/05/2022

(54) Title of the invention : AN ARTIFICIAL INTELLIGENCE BASED SYSTEM AND METHOD TO ANALYZE BIOCHEMICAL AND IMMUNE MARKER

(51) International classification	:G06N0020000000, G06N0005020000, G06N0003080000, G06N0003000000, A61B0090980000	(71)Name of Applicant : <b>1)SANTOSH DEEMED TO BE UNIVERSITY</b> Address of Applicant :NO.1, SANTOSH NAGAR, GHAZIABAD-201009, UTTAR PRADESH, INDIA Uttar Pradesh India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)DR. JUHI AGGARWAL</b>
(33) Name of priority country	:NA	<b>2)DR.. JYOTI BATRA</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an artificial intelligence based system and method to analyze biochemical and immune marker ((IL-6, CRP, procalcitonin & D-Dimer) abnormalities associated with severe and non severe corona virus (Covid- 19) patients. The system alerts about the worsening clinical features in severe cases of COVID-19 and hence, in deciding the therapeutic regimen for the patients.

No. of Pages : 20 No. of Claims : 2



**S. No. 2**

Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

**Application Details**

APPLICATION NUMBER	202011039640
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/09/2020
APPLICANT NAME	<b>SANTOSH DEEMED TO BE UNIVERSITY</b>
TITLE OF INVENTION	A SYSTEM AND METHOD FOR ANALYZING BLOOD LEAD LEVELS AND ITS EFFECT VERIOUS PARAMETER USING HAND HELD
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vijay.sharma@sanshadow.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/02/2022

**Title of the patent:** A System and Method For Analyzing Blood Lead Levels And Its Effect On Various Parameter Using Hand Held Device

**Patent /Copyright Number:** 202011039640

**Name of the Patenter/ Copyrights awardee:** Dr. Jyoti Batra, , Mr. Ajit Thakur,Dr. Salaj Rana

**Year of Awarded/Published:** 2022



**S. No. 2**

**Early Publication:**

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION (21) Application No.202011039640 A  
(19) INDIA  
(22) Date of filing of Application :14/09/2020 (43) Publication Date : 11/02/2022

(54) Title of the invention : A SYSTEM AND METHOD FOR ANALYZING BLOOD LEAD LEVELS AND ITS EFFECT VERIOUS PARAMETER USING HAND HELD

<p>(51) International classification :G01N0033490000, G06F0030200000, A61B0005020000, A61B0005026000, A61B0008060000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)SANTOSH DEEMED TO BE UNIVERSITY</b> Address of Applicant :NO 1, SANTOSH NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA-201009 -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)JYOTI BATRA</b> Address of Applicant :DEPATMENT OF BIOCHEMISTRY, SANTOSH DEEMED TO BE UNIVERSITY, NO 1, SANTOSH NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA-201009 ---</p> <p><b>2)AJIT THAKUR</b> Address of Applicant :DEPATMENT OF BIOCHEMISTRY, SANTOSH DEEMED TO BE UNIVERSITY, NO 1, SANTOSH NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA-201009 ---</p>
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(57) Abstract :  
The present invention relates to a system and method for analyzing blood lead levels and its effect on various parameters such as without limitation calcium, vitamin D metabolism or any other such kind using hand held device. The system provides primary health care or community health care facilities, and a well-informed primary care physician to treat/guide such patients effectively and efficiently. The system helps physician to better understand the deleterious effects associated with Pb exposure and its impact on patient.

No. of Pages : 14 No. of Claims : 4



**S. No. 3**



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



**Application Details**

APPLICATION NUMBER	202111026356
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/06/2021
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	"A SYSTEM AND METHOD FOR A COST EFFECTIVE ANALYSIS OF ADIPONECTIN AND A SET OF INFLAMMATORY MARKERS"
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vijay.sharma@sanshadow.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/09/2022

**Title of the patent:** A System And Method For A Cost Effective Analysis Of Adiponectin And A Set Of Inflammatory Markers

**Patent /Copyright Number:** 202111026356

**Name of the Patenter/ Copyrights awardee:** Dr. Shailza Rai, Dr. Preeti Sharma,  
Dr. Pradeep Kumar

**Year of Awarded/Published:** 2022



**S. No. 3**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111026356 A

(19) INDIA

(22) Date of filing of Application :14/06/2021

(43) Publication Date : 30/09/2022

(54) Title of the invention : A SYSTEM AND METHOD FOR A COST EFFECTIVE ANALYSIS OF ADIPONECTIN AND A SET OF INFLAMMATORY MARKERS

(51) International classification :G06Q0010060000, G01N0033680000, G01N0033580000, E21B0049000000, A61K0038220000

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

(87) International Publication No : NA

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

(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)SANTOSH DEEMED TO BE UNIVERSITY**

Address of Applicant :1, SANTOSH NAGAR GHAZIABAD UTTAR PRADESH-201009, INDIA -----

**Name of Applicant : NA**

**Address of Applicant : NA**

(72)Name of Inventor :

**1)DR. SHAILZA RAI**

Address of Applicant :DEPARTMENT OF BIOCHEMISTRY, SANTOSH DEEMED TO BE UNIVERSITY, NO 1, SANTOSH NAGAR GHAZIABAD UTTAR PRADESH-201009, INDIA -----

**2)DR. PREETI SHARMA**

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**3)DR. PRADEEP KUMAR**

Address of Applicant :DEPARTMENT OF BIOCHEMISTRY, SANTOSH DEEMED TO BE UNIVERSITY, NO 1, SANTOSH NAGAR GHAZIABAD UTTAR PRADESH-201009, INDIA -----

(57) Abstract :

The present invention relates to a cost effective system and method for analysis of adiponectin and a set of inflammatory markers (CRP, IL-6, fibrinogen and Uric acid) with reference from normoglycemia-impaired fasting glucose-hyperglycemia and also correlated them with the risk of CVD in Indian population.

No. of Pages : 9 No. of Claims : 2



**S. No. 4**

Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

**Application Details**

APPLICATION NUMBER	202111003543
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/01/2021
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	METHOD FOR LCMS BASED PROTEOMIC ANALYSIS OF CIRCULATING IMMUNE COMPLEXES FROM TUBERCULOSIS PATIENTS
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vijay.sharma@sanshadow.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/02/2022

**Title of the patent:** Method For LCMS Based Proteomic Analysis Of Circulating Immune Complexes From Tuberculosis Patients

**Patent /Copyright Number:** 202111003543

**Name of the Patenter/ Copyrights awardee:** Mr.Ajay Kumar, Dr Dakshina Bisht

**Year of Awarded/Published:** 2022



**S. No. 4**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111003543 A

(19) INDIA

(22) Date of filing of Application :27/01/2021

(43) Publication Date : 04/02/2022

(54) Title of the invention : METHOD FOR LCMS BASED PROTEOMIC ANALYSIS OF CIRCULATING IMMUNE COMPLEXES FROM TUBERCULOSIS PATIENTS

(51) International classification :G01N0033680000, G01N0033564000, G01N0033920000, B01L0003000000, C07K0014350000

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

(87) International Publication No : NA

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

(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)SANTOSH DEEMED TO BE UNIVERSITY**

Address of Applicant :NO.1, SANTOSH NAGAR, GHAZIABAD-201009, UTTAR PRADESH, INDIA -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)MR. AJAY KUMAR**

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**2)DR. DAKSHINA BISHT**

Address of Applicant :DEPARTMENT OF MICROBIOLOGY, SANTOSH DEEMED TO BE UNIVERSITY, No.1 Santosh Nagar, Ghaziabad, Uttar Pradesh, India, 201009 -----

(57) Abstract :

The present invention relates to a system and rapid tuberculosis diagnostics more sensitive and specific biomarkers which are more accessible is still desirable. Present invention provides the proteomic profile of circulating immune complexes from Tuberculosis patients. The circulating immune complexes based assays is helpful in diagnosis of Tuberculosis due to its simplicity and limited invasiveness especially in patients with extra-pulmonary Tuberculosis.

No. of Pages : 18 No. of Claims : 2



**S. No. 5**



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



**Application Details**

APPLICATION NUMBER	202011055153
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/12/2020
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	A SYSTEM AND METHOD FOR REACTIVATION OF AN OPEN-COIL SPRING
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vijay.sharma@sanshadow.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/02/2022

**Title of the patent:** A System And Method For Reactivation Of An Open-Coil Spring

**Patent /Copyright Number:** 202011055153

**Name of the Patenter/ Copyrights awardee:** Dr. Rajiv Ahluwalia, Dr. Parvinder Kaur, Dr. Mayank Gupta, Dr. Stephen Chain

**Year of Awarded/Published:** 2022



**S. No. 5**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011055153 A

(19) INDIA

(22) Date of filing of Application :18/12/2020

(43) Publication Date : 11/02/2022

(54) Title of the invention : A SYSTEM AND METHOD FOR REACTIVATION OF AN OPEN-COIL SPRING

(51) International classification :A61M0025000000, H04N0001000000, C22C0038460000, C22C0038420000, A61B0017860000  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No :NA  
(61) Patent of Addition to :NA  
Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)SANTOSH DEEMED TO BE UNIVERSITY**

Address of Applicant :NO.1, SANTOSH NAGAR, GHAZIABAD-201009, UTTAR PRADESH, INDIA -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)DR. RAJIV AHLUWALIA**

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**2)DR. PARVINDER KAUR**

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**3)DR. KAYANK GUPTA**

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**4)DR. STEPHEN CHAIN**

Address of Applicant :DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHDONTICS, SANTOSH DEEMED TO BE UNIVERSITY, NO.1 SANTOSH NAGAR, GHAZIBAD , UTTAR PRADESH, INDIA, 201009 -----

(57) Abstract :

The present invention relates to an easy and effective method and system for reactivation of an open-coil spring using sleeve chair side. An open-coil spring using sleeve chair side is provided without removal of the wire.

No. of Pages : 11 No. of Claims : 2



**S. No. 6**

 <p>Office of the Controller General of Patents, Designs &amp; Trade Marks Department of Industrial Policy &amp; Promotion, Ministry of Commerce &amp; Industry, Government of India</p>	 <p>INTELLECTUAL PROPERTY INDIA PATENTS   DESIGNS   TRADE MARKS GEOGRAPHICAL INDICATIONS</p>
<b>Application Details</b>	
APPLICATION NUMBER	202011055152
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/12/2020
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	ROTATION WEDGE
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vijay.sharma@sanshadow.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/02/2022

**Title of the patent:** Rotation Wedge**Patent /Copyright Number:** 202011055152**Name of the Patenter/ Copyrights awardee:** Dr. Kunal Sharma, Dr. Rajiv

Ahluwalia

**Year of Awarded/Published:** 2022

**S. No. 6**

**Early Publication:**

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION (21) Application No.202011055152 A  
(19) INDIA  
(22) Date of filing of Application :18/12/2020 (43) Publication Date : 04/02/2022

(54) Title of the invention : ROTATION WEDGE

(51) International classification :G01D0005140000, A61B0005145000, E02F0009280000, E04C0005120000, A61K0038000000  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)SANTOSH DEEMED TO BE UNIVERSITY**  
Address of Applicant :NO 1, SANTOSH NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA-201009 -----  
-----  
**Name of Applicant : NA**  
**Address of Applicant : NA**  
(72)Name of Inventor :  
**1)DR. KUNAL SHARMA**  
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**2)DR. RAJIV AHLUWALIA**  
Address of Applicant :DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHDONTICS, DEEMED TO BE UNIVERSITY NO. 1 SANTOSH NAGAR, GHAZIABAD , UTTAR PRADESH, INDIA, 201009 -----

(57) Abstract :

The present invention relates to the rotation wedge which is used to correct rotation of a single tooth or multiple teeth by applying individual wedges to multiple individual brackets/teeth. The rotation wedges is simple and inexpensive to make and has less force decay than elastomeric alternatives.

No. of Pages : 11 No. of Claims : 2



**S. No. 7**

Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

**Application Details**

APPLICATION NUMBER	202111024335
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/06/2021
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	"BITE BLOCK FOR DENTAL PATIENT"
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vjay.sharma@sanshadow.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/09/2022

**Title of the patent:** Bite Block For Dental Patient

**Patent /Copyright Number:** 202111024335

**Name of the Patenter/ Copyrights awardee:** Mayank Gupta, Ragni Tandon,

Pratik Chandra Dr. Rajiv Ahluwalia Dr. Kriti Madhok

**Year of Awarded/Published:** 2022



**S. No. 7**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111024335 A

(19) INDIA

(22) Date of filing of Application :01/06/2021

(43) Publication Date : 30/09/2022

(54) Title of the invention : BITE BLOCK FOR DENTAL PATIENT

(51) International classification :A61M0016040000, A61B0006140000, A61B0001240000, A61B0006000000, G03B0042040000  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)SANTOSH DEEMED TO BE UNIVERSITY**

Address of Applicant :No 1, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)DR. MAYANK GUPTA**

Address of Applicant :Department of Orthodontics & Dentofacial Orthodontics, Santosh Deemed to be University, No 1, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----

**2)DR. RAGNI TANDON**

Address of Applicant :Department of Orthodontics & Dentofacial Orthodontics, Saraswati Dental College, Lucknow, Uttar Pradesh, India-227105 -----

**3)DR. PRATIK CHANDRA**

Address of Applicant :Department of Orthodontics & Dentofacial Orthodontics, Saraswati Dental College, Lucknow, Uttar Pradesh, India-227105 -----

**4)DR. RAJIV AHLUWALIA**

Address of Applicant :Department of Orthodontics & Dentofacial Orthodontics, Santosh Deemed to be University, No 1, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----

**5)DR. KRITI MADHOK**

Address of Applicant :Whiteway Dental Clinic, Consultant Prosthodontist & Implantologist, BS-103, Ground Floor, Sector 70, Noida, Uttar Pradesh, India-201309 -----

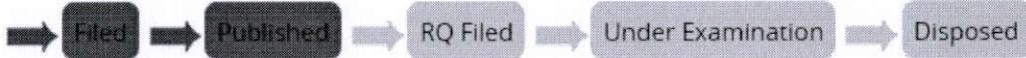
(57) Abstract :

The present invention relates to a mouth opening block for dental patient. This present invention provides M block for bite opening and fabrication of acrylic bite block with the involvement of stainless steel wire for stability and correct placement of the block over the teeth.

No. of Pages : 10 No. of Claims : 2



**S. No. 8**

	Office of the Controller General of Patents, Designs & Trade Marks Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Government of India	
<b>Application Details</b>		
APPLICATION NUMBER	202111024333	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	01/06/2021	
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY	
TITLE OF INVENTION	"AN IMPROVED ALCOHOL TORCH"	
FIELD OF INVENTION	ELECTRICAL	
E-MAIL (As Per Record)		
ADDITIONAL-EMAIL (As Per Record)	srmsvsrr@gmail.com	
E-MAIL (UPDATED Online)		
PRIORITY DATE		
REQUEST FOR EXAMINATION DATE	--	
PUBLICATION DATE (U/S 11A)	30/09/2022	
<b>Application Status</b>		
APPLICATION STATUS	Awaiting Request for Examination	
		<a href="#">View Documents</a>
		
In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in		

**Title of the patent:** An Improved Alcohol Torch**Patent /Copyright Number:** 202111024333**Name of the Patenter/ Copyrights awardee:** Dr. Satyavir Singh, Dr. Ritu Sharma**Year of Awarded/Published:** 2022

**S. No. 8**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111024333 A

(19) INDIA

(22) Date of filing of Application :01/06/2021

(43) Publication Date : 30/09/2022

(54) Title of the invention : AN IMPROVED ALCHOHOL TORCH

(51) International classification :F21L0004020000, F02B0019100000, F23D0014280000, F23D0014380000, F23D0014460000

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

(87) International Publication No : NA

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

(71)Name of Applicant :

**1)SANTOSH DEEMED TO BE UNIVERSITY**

Address of Applicant :No 1, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----

**Name of Applicant : NA****Address of Applicant : NA**

(72)Name of Inventor :

**1)DR .SATYAVIR SINGH**

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**2)DR. RITU SHARMA**

Address of Applicant :Department of Prosthodontics, Santosh Deemed to be University, No 1 Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----

(57) Abstract :

The present invention relates to an improved alcohol torch which is cost effective and safe. It is a simple device, on lightening the wick it gives the flame. The burning spirit ascends up by capillary action and keeps the flame on. Now, when we hold and press the device, the air inside the outer container is compressed and comes out through the nozzle as an air stream. Since, the nozzle is directed over the flame, it can be pin pointed towards the area where the heat is controlled of small flame, e.g., during the procedure of border moulding in prosthodontics.

No. of Pages : 8 No. of Claims : 3



**S. No. 9**



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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



**Application Details**

APPLICATION NUMBER	202211030470
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/05/2022
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	"A SMART LOCK HYBRID MAXILLOMANDIBULAR FIXATION (MMF) SYSTEM"
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	srmsvsrr@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/06/2022

**Title of the patent:** A Smart Lock Hybrid Maxillomandibular Fixation(MMF) System

**Patent /Copyright Number:** 202211030470

**Name of the Patenter/ Copyrights awardee:** Dr. Manoj Goyal, Dr. Mayank Singhal

**Year of Awarded/Published:** 2022



**S. No. 9**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211030470 A

(19) INDIA

(22) Date of filing of Application :27/05/2022

(43) Publication Date : 10/06/2022

(54) Title of the invention : A SMART LOCK HYBRID MAXILLOMANDIBULAR FIXATION (MMF) SYSTEM

(51) International classification :G07C0009000000, H04W0008080000, H01S0003067000, A61K0031537700, G16H0020400000

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

(87) International Publication No : NA

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

(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)SANTOSH DEEMED TO BE UNIVERSITY**

Address of Applicant :NO 1, SANTOSH NAGAR  
GHAZIABAD UTTAR PRADESH-201009, INDIA. -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)DR. MANOJ GOYAL**

Address of Applicant :DEPARTMENT OF ORAL AND  
MAXILLOFACIAL SURGERY, SANTOSH DEEMED TO BE  
UNIVERSITY, NO 1, SANTOSH NAGAR GHAZIABAD  
UTTAR PRADESH-201009, INDIA -----

**2)DR. MAYANK SINGAL**

Address of Applicant :DEPARTMENT OF ORAL AND  
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UNIVERSITY, NO 1, SANTOSH NAGAR GHAZIABAD  
UTTAR PRADESH-201009, INDIA -----

(57) Abstract :

The present invention relates to a smart lock hybrid Maxillomandibular fixation (MMF) system which is economic. The system is quick, easy and saving valuable operating time during on application as well as on removal, and thus reduces the risk of needle stick type injury, subsequently the transmission of diseases and perforation of gloves and less patient comfort during the procedure when as compared with conventional arch bar. Maintenance of oral hygiene is not compromised while using present system.

No. of Pages : 12 No. of Claims : 2



**S. No. 10**



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



**Application Details**

APPLICATION NUMBER	202111003542
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/01/2021
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	A RETRACTION SPRING
FIELD OF INVENTION	CIVIL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vijay.sharma@sanshadow.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	07/10/2022

**Title of the patent:** "K" Spring A Retraction Spring

**Patent /Copyright Number:** 202111003542

**Name of the Patenter/ Copyrights awardee:** Dr. Kunal Sharma, Dr. Rajiv

Ahluwalia

**Year of Awarded/Published:** 2022



**S. No. 10**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111003542 A

(19) INDIA

(22) Date of filing of Application :27/01/2021

(43) Publication Date : 07/10/2022

(54) Title of the invention : A RETRACTION SPRING

(51) International classification	:E05B0081060000, C12N0015870000, B60G0017005000, G06Q0040040000, A61C0007220000	(71)Name of Applicant : <b>1)SANTOSH DEEMED TO BE UNIVERSITY</b> Address of Applicant :NO.1, SANTOSH NAGAR, GHAZIABAD-201009, UTTAR PRADESH, INDIA Uttar Pradesh India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)DR. KUNAL SHARMA</b>
(33) Name of priority country	:NA	<b>2)DR. RAJIV AHLUWALIA</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number:	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method fore retraction spring which can be used restrict mesial movements of anterior teeth during leveling and aligning. The spring eliminates the need for cinching as there is less force decay than elastomeric alternatives and can deliver variable force depending on the level of activation and the length of coil spring.

No. of Pages : 13 No. of Claims : 2



**S. No. 11**

Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

**Application Details**

APPLICATION NUMBER	202011052228
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/12/2020
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	"A DEVICE AND ITS METHOD FOR CORONA VIRUS (COVID-19) DETECTION"
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vijay.sharma@sansshadow.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	17/06/2022

**Title of the patent:** A Device And Its Method For Corona Virus (Covid -19) Detection

**Patent /Copyright Number:** 202011052228

**Name of the Patenter/ Copyrights awardee:** Dr. Saurabh Gupta, Dr Jyoti Batra

**Year of Awarded/Published:** 2022



**S. No. 11**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011052228 A

(19) INDIA

(22) Date of filing of Application :01/12/2020

(43) Publication Date : 17/06/2022

(54) Title of the invention : A DEVICE AND ITS METHOD FOR CORONA VIRUS (COVID-19) DETECTION

(51) International classification	:C12Q0001700000, C12Q0001684400, G01N0021780000, C12Q0001680600, C12M0001380000	(71)Name of Applicant : <b>1)SANTOSH DEEMED TO BE UNIVERSITY</b> Address of Applicant :NO-1,SANTOSH NAGAR,GHAZIABAD-201009, UTTAR PRADESH INDIA Uttar Pradesh India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)DR. SAURABH GUPTA</b>
(33) Name of priority country	:NA	<b>2)PROF. (DR.) JYOTI BATRA</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a rapid, low cost indigenous 5 device for Corona Virus (Covid -19) detection. The device is based on RT-PCR LAMP, for Corona Virus (Covid -19) detection. A reverse transcription-loop-mediated isothermal amplification (RT-LAMP) device has been proposed to achieve the detection of SARS-CoV-2. The viral RNA of SARS-CoV-2 has been targeted in the regions of 10 orflab, S gene and N gene. Colour based detection was used to report the results, so that the result of viral RNA amplified to be read by the naked eye without expensive instrumentation. It is a hand held device in which RT-LAMP -PCR will amplify SARS - COV-2 genes.

No. of Pages : 15 No. of Claims : 4



**S. No. 12**



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



Application Details	
APPLICATION NUMBER	202011055154
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/12/2020
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	A SINGLE STEP SHORT DURATION SPACE MAINTAINER
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	*
ADDITIONAL-EMAIL (As Per Record)	vijay.sharma@sanshadow.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/02/2022

Application Status	
APPLICATION STATUS	Awaiting Request for Examination
	<a href="#">View Documents</a>

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

**Title of the patent:** A Single Step Short Duration Space Maintainer

**Patent /Copyright Number:** 202011055154

**Name of the Patenter/ Copyrights awardee:** Dr. Neeti Mittal, Dr. Manoj Goyal

**Year of Awarded/Published:** 2022



**S. No. 12**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011055154 A

(19) INDIA

(22) Date of filing of Application :18/12/2020

(43) Publication Date : 04/02/2022

(54) Title of the invention : A SINGLE STEP SHORT DURATION SPACE MAINTAINER

(51) International classification :A61C0007280000, A61K0039120000, A61B0017220000, C07K0019000000, G06K0007000000  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)SANTOSH DEEMED TO BE UNIVERSITY**

Address of Applicant :NO.1, SANTOSH NAGAR, GHAZIABAD-201009, UTTAR PRADESH, INDIA -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)DR. NEETI MITTAL**

Address of Applicant :DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY, SANTOSH DEEMED TO BE UNIVERSITY, NO.1 SANTOSH NAGAR GHAZIABAD, UTTAR PRADESH, INDIA, 201009 -----

**2)DR. MANOJ GOYAL**

Address of Applicant :DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY, SANTOSH DEEMED TO BE UNIVERSITY, NO.1 SANTOSH NAGAR GHAZIABAD, UTTAR PRADESH, INDIA, 201009 -----

(57) Abstract :

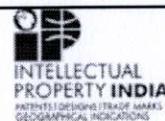
The present invention relates to a single step short duration space maintainer. The loop can be adjusted in buccal and lingual tubes attached on band to ensure the correct mesiodistal dimensions of loop.

No. of Pages : 12 No. of Claims : 2



**S. No. 13**

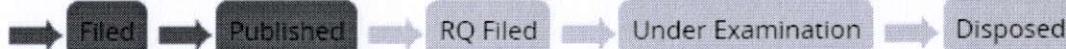
Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

**Application Details**

APPLICATION NUMBER	202111024334
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/06/2021
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	"A BALL AND LOOP SELF-LOCKABLE RETAINER FREE MATRIX SYSTEM"
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	srmsvsrr@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/09/2022

**Application Status**

APPLICATION STATUS

**Awaiting Request for Examination**[View Documents](#)

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

**Title of the patent:** A Ball and Loop Self-Lockable Retainer Free Matrix System**Patent /Copyright Number:** 202111024334**Name of the Patenter/ Copyrights awardee:** Dr. Neeti Mittal, Dr. Manoj Goyal**Year of Awarded/Published:** 2022

**S. No. 13**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111024334 A

(19) INDIA

(22) Date of filing of Application :01/06/2021

(43) Publication Date : 30/09/2022

(54) Title of the invention : A BALL AND LOOP SELF-LOCKABLE RETAINER FREE MATRIX SYSTEM

(51) International classification :A61K0009700000, A61C0005850000, G03F0007000000, B07C0003080000, H04S0003020000

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

(87) International Publication No : NA

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

(71)Name of Applicant :

**1)SANTOSH DEEMED TO BE UNIVERSITY**

Address of Applicant :No 1, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)DR. NEETI MITTAL**

Address of Applicant :Department of Pediatric and Preventive Dentistry, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----

**2)DR. MANOJ GOYAL**

Address of Applicant :Chancellor, Santosh Deemed to be University, No 1, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----

(57) Abstract :

The present invention relates to ball and loop self-lockable retainer free matrix system. The retainer free matrix band is indigenous, inexpensive, easy to use and comfortable for patients. The self-locking component (made of flexible plastic) is attached to both ends of metallic band as depicted in fig 1, 2 and 3. One part of self-locking component comprises of a small loop and other is made of a string with balls placed.

No. of Pages : 13 No. of Claims : 3



**S. No. 14**

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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

**Application Details**

APPLICATION NUMBER	202111030108
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/07/2021
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	"A DISPOSABLE PERIODODNTAL PROBE"
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	srmsvsrr@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	24/06/2022

**Title of the patent:** A Disposable Periodontal Probe

**Patent /Copyright Number:** 202111030108

**Name of the Patenter/ Copyrights awardee:** Dr Shweta Bali, Dr Akshay Bhargava,  
Dr Neeti Mittal, Dr Priyanka Thukral, Dr Priyanka Agarwal, Dr Shobhit Arora

**Year of Awarded/Published:** 2022



**S. No. 14**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111030108 A

(19) INDIA

(22) Date of filing of Application :05/07/2021

(43) Publication Date : 24/06/2022

(54) Title of the invention : A DISPOSABLE PERIODONTAL PROBE

(51) International classification :A61B0001000000, G01R0001067000, A47L0009140000, A61B0005021500, A61B0008000000  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
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Address of Applicant :DEPARTMENT OF PERIODONTICS & ORAL IMPLANTOLOGY, SANTOSH DEEMED TO BE UNIVERSITY, NO 1, SANTOSH NAGAR GHAZIABAD UTTAR PRADESH-201009, INDIA -----  
**2)DR AKSHAY BHARGAVA**  
**3)DR NEETI MITTAL**  
**4)DR PRIYANKA THUKRAL**  
**5)DR PRIYANKA AGARWAL**  
**6)DR SHOBHIT ARORA**  
Name of Applicant : NA  
Address of Applicant : NA  
(72)Name of Inventor :  
**1)DR SHWETA BALI**  
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**2)DR AKSHAY BHARGAVA**  
Address of Applicant :DEPARTMENT OF PROSTHODONTICS, SANTOSH DEEMED TO BE UNIVERSITY, NO 1, SANTOSH NAGAR GHAZIABAD UTTAR PRADESH-201009, INDIA -----  
**3)DR NEETI MITTAL**  
Address of Applicant :DEPARTMENT OF PEDIATRIC AND PREVENTIVE DENTISTRY, SANTOSH DEEMED TO BE UNIVERSITY, NO 1, SANTOSH NAGAR GHAZIABAD UTTAR PRADESH-201009, INDIA -----  
**4)DR PRIYANKA THUKRAL**  
Address of Applicant :DEPARTMENT OF PROSTHODONTICS, SANTOSH DEEMED TO BE UNIVERSITY, NO 1, SANTOSH NAGAR GHAZIABAD UTTAR PRADESH-201009, INDIA -----  
**5)DR PRIYANKA AGARWAL**  
Address of Applicant :DEPARTMENT OF PERIODONTICS & ORAL IMPLANTOLOGY, SANTOSH DEEMED TO BE UNIVERSITY, NO 1, SANTOSH NAGAR GHAZIABAD UTTAR PRADESH-201009, INDIA -----  
**6)DR SHOBHIT ARORA**  
Address of Applicant :DEPARTMENT OF PERIODONTICS & ORAL IMPLANTOLOGY, SANTOSH DEEMED TO BE UNIVERSITY, NO 1, SANTOSH NAGAR GHAZIABAD UTTAR PRADESH-201009, INDIA -----

(57) Abstract :

The present invention relates to a system and method for disposable periodontal probe for assessment of gingival bleeding and measurement of pocket depth/attachment loss. This is an eco-friendly, economical, plastic free, bamboo/wooden based periodontal probe.

No. of Pages : 16 No. of Claims : 2



**S. No. 15**



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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



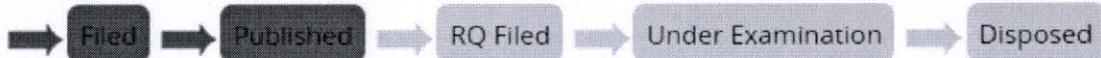
**Application Details**

APPLICATION NUMBER	202111026357
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/06/2021
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	A DISPOSABLE BIANGLED PLAQUE SAMPLING INSTRUMENT
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	VIJAY.SHARMA@SANSHADOW.COM
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	01/04/2022

**Application Status**

APPLICATION STATUS      **Awaiting Request for Examination**

[View Documents](#)



In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

**Title of the patent:** A Disposable Biangled Plaque Sampling Instrument **Patent**

**/Copyright Number:** 202111026357

**Name of the Patenter/ Copyrights awardee:** Dr Priyanka Aggarwal, Dr Akshay Bhargava, Dr Shweta Bali

**Year of Awarded/Published:** 2022



**S. No. 15**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111026357 A

(19) INDIA

(22) Date of filing of Application :14/06/2021

(43) Publication Date : 01/04/2022

(54) Title of the invention : A DISPOSABLE BIANGLED PLAQUE SAMPLING INSTRUMENT

(51) International classification :A61B0010020000, A61B0017320700, A61B0005150000, A61B0005151000, A61B0018000000

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

(87) International Publication No : NA

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

(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)SANTOSH DEEMED TO BE UNIVERSITY**  
Address of Applicant :No 1, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----  
Name of Applicant : NA  
Address of Applicant : NA

(72)Name of Inventor :  
**1)DR. PRIYANKA AGGARWAL**  
Address of Applicant :Department of Periodontics & Oral Implantology, Santosh Deemed to be University, No 1, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----  
-  
**2)DRAKSHAY BHARGAVA**  
Address of Applicant :Department of Prosthodontics, Santosh Deemed to be University, No 1, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----  
-  
**3)DR SHWETA BALI**  
Address of Applicant :Department of Periodontics & Oral Implantology, Santosh Deemed to be University, No 1, Santosh Nagar, Ghaziabad, Uttar Pradesh, India-201009 -----  
-

(57) Abstract :

The present invention relates to a disposable biangled plaque sampling instrument. This is a disposable biangled plaque sampling instrument. This is a disposable plaque sampling instrument with extended shank and used for collection of plaque in periodontitis patients. The instrument is made up of biodegradable material such as with bamboo/wood and hence is recyclable, disposable and safe with no risk of disease transmission.

No. of Pages : 11 No. of Claims : 2



**S. No. 16**

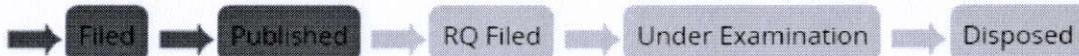
Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

**Application Details**

APPLICATION NUMBER	202211059132
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/10/2022
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	"A LOW COST DISPOSABLE ENDOMETRIAL SAMPLING INSTRUMENT"
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	srmsvsrr@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/12/2022

**Application Status**

APPLICATION STATUS

**Awaiting Request for Examination**[View Documents](#)

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

**Title of the patent: A Low Cost Disposable Endometrial Sampling Instrument****Patent /Copyright Number: 202211059132****Name of the Patenter/ Copyrights awardee:Dr. Manisha Gupta****Year of Awarded/Published: 2022**

**S. No. 16**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211059132 A

(19) INDIA

(22) Date of filing of Application :17/10/2022

(43) Publication Date : 16/12/2022

(54) Title of the invention : A LOW COST DISPOSABLE ENDOMETRIAL SAMPLING INSTRUMENT

(51) International classification :A61B0010020000, B01L0003000000, A61B0017000000, A61B0001000000, A61B0017160000

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

(87) International Publication No : NA

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

(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

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(57) Abstract :

The present invention relates to a low cost disposable endometrial sampling instrument. This is an endometrial sampling cannula which makes the office, procedure painless and decreases the time. The endometrial sampling cannula will do away with the use of uterine sound and a separate suction device.

No. of Pages : 9 No. of Claims : 3



**S. No. 17**



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



**Application Details**

APPLICATION NUMBER	202211055898
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/09/2022
APPLICANT NAME	SANTOSH DEEMED TO BE UNIVERSITY
TITLE OF INVENTION	"A SPRING ACTIVATED UNIVERSAL BAND PINCHER"
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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ADDITIONAL-EMAIL (As Per Record)	srmsvsrr@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	21/10/2022

**Title of the patent:** A Spring Activated Universal Band Pincher

**Patent /Copyright Number:** 202211055898

**Name of the Patenter/ Copyrights awardee:** Dr. Neeti Mittal

**Year of Awarded/Published:** 2022



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(54) Title of the invention : A SPRING ACTIVATED UNIVERSAL BAND PINCHER

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(57) Abstract :

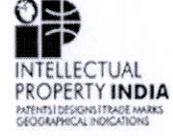
The present invention relates to provides spring activated universal band pincher used for band pinching in pediatric patients. The band pincher comprise hollow handle (1); fixed arm with upper head (3) and moveable arm with lower head (4). The universal band pincher is a single pincher which will reduce the armamentarium. This is light and small and makes easy compression during pinching and tightening of band and with its compact handle.

No. of Pages : 14 No. of Claims : 2



**S. No. 18**

Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

**Application Details**

APPLICATION NUMBER	202211034894
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2022
APPLICANT NAME	Sharda University
TITLE OF INVENTION	BACK SUPPORT ASSEMBLY FOR RIDER SEAT OF TWO-WHEELER
FIELD OF INVENTION	MECHANICAL ENGINEERING
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	29/08/2022
PUBLICATION DATE (U/S 11A)	24/06/2022

**Title of the patent:** Back Support Assembly For Rider Seat For Two-wheelers

**Patent /Copyright Number:** 202211034894

**Name of the Patenter/ Copyrights awardee:** Dr. Jyoti Batra

**Year of Awarded/Published:** 2022

