

11/24/22, 1:02 PM

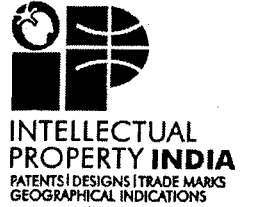
PATENT eFiling

Welcome Anuj Raturi [Sign out](#)



सत्यमेव जयते

G.A.R.6
[See Rule 22(1)]
RECEIPT



Controller General of Patents, Designs & Trade Marks

Docket No 131646

Date/Time 2022/11/24 13:00:31

To
Anuj Raturi

UserId: Anuj001

Gyananand Bhawan, Kalinka Vihar, Lane
No. 3, Majrimafi, IIP Mohkampur Kala-
248005, Dehradun, Uttarakhand, India

CBR Detail:

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202211067549	TEMP/E-1/77839/2022-DEL	1600	46021	FORM 1	A POST PAINT CLEANING DEVICE
2	E-12/6358/2022/DEL	202211067549	2500	46021	FORM 9	---
3	E-106/7447/2022/DEL	202211067549	0	----	FORM28	---

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No.
N-0001057504	Online Bank Transfer	2411220010960	4100.00	1475001020000001

Total Amount : ₹ 4100.00

Amount in Words: Rupees Four Thousand One Hundred Only

Received from Anuj Raturi the sum of ₹ 4100.00 on account of Payment of fee for above mentioned Application/Forms.

* This is a computer generated receipt, hence no signature required.

[Print](#)

[Home](#) [About Us](#) [Contact Us](#)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211067549 A

(19) INDIA

(22) Date of filing of Application :24/11/2022

(43) Publication Date : 02/12/2022

(54) Title of the invention : A POST PAINT CLEANING DEVICE

(51) International classification :E02F0005280000, F16M0013020000, A47L0013200000, F02B0031080000, B60S0001520000
(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)J B INSTITUTE OF TECHNOLOGY

Address of Applicant :NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN, Uttarakhand, 248197
Dehradun -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Manoj Chaudhary

Address of Applicant :Department of Computer Sc. & Engg. , J B Institute of Technology, Dehradun. Dehradun -----

2)Wajahat Gh Mohd

Address of Applicant :Department of Computer Sc. & Engg. , J B Institute of Technology, Dehradun. Dehradun -----

3)Lakhan Singh

Address of Applicant :Department of Electrical Engineering, J B Institute of Technology, Dehradun. Dehradun -----

(57) Abstract :

A post paint cleaning device comprising an arm having multiple degree of freedom, an AI camera to detect the sludge over the affected surface, a podium to hold servo units, a servo scrubber, a cylinder to contain cleaning agent and a cleaning solution to inject via a multiple nozzle over the affected surface, a plurality of suction cup for the suction of sludge and cleaning agent and a servo fitted mop via a telescopic rod to perform final cleaning of affected surface.

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

FORM 1 THE PATENTS ACT 1970 (39 of 1970) and THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT (See section 7, 54 and 135 and sub-rule (1) of rule 20)				(FOR OFFICE USE ONLY)	
				Application No.	
				Filing date:	
				Amount of Fee paid:	
				CBR No:	
				Signature:	
1. APPLICANT'S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)					
2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]					
Ordinary (✓)		Convention ()		PCT-NP ()	
Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()
3A. APPLICANT(S)					
Name in Full		Nationality	Country of Residence	Address of the Applicant	
J B INSTITUTE OF TECHNOLOGY		Indian	India	NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN, Uttarakhand, 248197, India.	
3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]					
Natural Person ()		Other than Natural Person			
		Small Entity ()	Startup ()	Educational Institution (✓)	Others ()
4. INVENTOR(S) [Please tick (✓) at the appropriate category]					
Are all the inventor(s) same as the applicant(s) named above?		Yes ()		No (✓)	
If "No", furnish the details of the inventor(s)					
Name in Full		Nationality	Country of Residence	Address of the Inventor	
Manoj Chaudhary		Indian	India	Department of Computer Sc. & Engg. , J B Institute of Technology, Dehradun.	

Wajahat Gh Mohd	Indian	India	Department of Computer Sc. & Engg. , J B Institute of Technology, Dehradun.		
Lakhan Singh	Indian	India	Department of Electrical Engineering, J B Institute of Technology, Dehradun.		
5. TITLE OF THE INVENTION					
“A POST PAINT CLEANING DEVICE”					
6. AUTHORISED REGISTERED PATENT AGENT(S)			IN/PA No.	IN/PA: 4266	
			Name	Anuj Raturi	
			Mobile No.	+91-9808414112	
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA			Name	Anuj Raturi	
			Postal Address	Gyananand Bhawan, Kalinka Vihar Lane No. 3, Majrimafi, IIP Mohkampur Kala-248005, Dehradun, Uttarakhand, India.	
			Telephone	N/A	
			Mobile No.	+91-9808414112	
			Fax No.	N/A	
			E-mail ID	anuj.mechanical19@gmail.com	
8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION					
Country	Application Number	Filing date	Name of the applicant	Title of the	IPC (as classified in the convention country)
Nil	Nil	Nil	Nil	Nil	Nil
9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT)					
International application number			International filing date		
Nil			Nil		
10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION					
Original (first) application No.			Date of filing of original (first) application		
Nil			Nil		
11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT					
Main application/patent No.			Date of filing of main application		

12. DECLARATIONS




(i) Declaration by the inventor(s)

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

I/We, the above named inventor(s) is/are the true & first inventor(s) for this Invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

Dated this: November 20, 2022.

Signature(s)
Name(s) of the
signatory

		
Manoj Chaudhary	Wajahat Gh Mohd	Lakhan Singh

(ii) Declaration by the applicant(s) in the convention country

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

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

Dated this: (Not applicable)

- a) Signature(s)
- b) Name(s) of the signatory

(iii) Declaration by the applicant(s)

I/We the applicant(s) hereby declare(s) that: -

- I am/ We are in possession of the above-mentioned invention.
- The complete specification relating to the invention is filed with this application.
- ~~The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me/us before the grant of patent to me/us.~~
- There is no lawful ground of objection(s) to the grant of the Patent to me/us.
- ~~I am/we are the true & first inventor(s).~~
- I am/we are the assignee or legal representative of true & first inventor(s).
- ~~The application or each of the applications, particulars of which are given in Paragraph 8, was the first application in convention country/countries in respect of my/our invention(s).~~
- I/We claim the priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.
- My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph 9.
- ~~The application is divided out of my /our applications particulars of which is given in Paragraph 10 and pray that this application may be treated as deemed to have been filed on DD/MM/YYYY under section 16 of the Act.~~
- ~~The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph 11.~~

13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION
(a) Form 2

Item	Details	Fee	Remarks
Complete #	No. of pages: 12		(Total 15 pages)
No. of Claim(s)	No. of claims 04 and No. of pages: 01		
Abstract	No. of pages: 01		
No. of Drawing(s)	No. of drawings No. 01 of pages: 01		

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

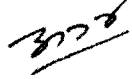
- (b) Complete specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable.
- (c) Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).
- (d) Statement and Undertaking on Form 3
- (e) Declaration of Inventorship on Form 5
- (f) Power of Authority Form 26
- (g) Request for Early Publication on Form 9
- (h) Request for Examination on Form 18

**Total fee - in cash/Banker's Cheque/Bank Draft Bearing NO..... Date.....on
..... Bank**

Dated this: November 20, 2022.

ON BEHALF OF APPLICANT

- a) Signature(s)
- b) Name(s) of the signatory

Signature: 

Name: Anuj Raturi [IN/PA: 4266]

(AGENT FOR THE APPLICANT)

To,
The Controller of Patents
The Patent Office, at New Delhi, Mumbai, Kolkata, Chennai

Note: -

- * Repeat boxes in case of more than one entry.
- * To be signed by the applicant(s) or by authorized registered patent agent otherwise where mentioned.
- * Tick (✓)/cross (x) whichever is applicable/not applicable in declaration in paragraph-12.
- * Name of the inventor and applicant should be given in full, family name in the beginning.
- * Strike out the portion which is/are not applicable.
- * For fee: See First ScheduleI;

FORM 2
THE PATENTS ACT, 1970
(39 of 1970)
&
The Patents Rules, 2003

COMPLETE SPECIFICATION
(See section 10 and rule 13)

Title: "A POST PAINT CLEANING DEVICE"

Applicant(s):

Name: J B INSTITUTE OF TECHNOLOGY

Nationality: Indian

Address: NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN,
Uttarakhand, 248197

PREAMBLE TO THE DESCRIPTION:

The following specification particularly describes the invention and the manner in which it is to be performed.

FIELD OF THE INVENTION:

The present invention relates to a computer controlled post paint cleaning device. In particular, present invention relates to a device which is capable of cleaning the surfaces affected by the paint work.

5

BACKGROUND OF THE INVENTION:

Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

10

A number of different type of the assemblies and apparatus for removing paint stains are available in the prior art. For example, the following prior arts are provided for their supportive teachings and are all incorporated by reference:

15

Prior art document WO2014113052A1, discloses a solution having improved stain removing properties on hard surfaces, carpets and fabrics, that is easier to handle (stored or transported at lower temperatures and less corrosive) and that is environmentally friendly. The stain removing solution includes the following components: a surfactant selected from the group consisting of alcohol ethoxylates, alkyl sulfates, alkyl ether sulfates, alpha olefin sulfonates, alkyl phosphates, alkyl amidopropyl betaines, alkyl betaines, amphoacetates, amphopropionates, amphosulfonates, amine oxides, alkanolamides, sulfosuccinates, and sultaines, a hydrotrope, and a solvent. The surfactant is preferably an alcohol ethoxylate. The hydrotrope is preferably lauramine oxide. The solvent is preferably a dibasic ester or a glycol ether. The solution may further comprise a diluent, a mild acid, and/or a

20

preservative. A mild acid can be added to lower the pH of the solution. Wherein the post paint cleaning device of present invention does not relate to the said prior art.

Another prior art document EP2032014A2, discloses a device for applying stain formulation to a garment or article of clothing while it is being worn is disclosed. The device includes a reservoir with a valve assembly for dispensing an effective stain removal formulation directly to the stain, spot or mark. The device also includes a shell accommodating absorbent pads. After the stain removal formulation is applied, an absorbent pad is pressed and/or rubbed on the stain to lift and remove the stain and to absorb or wick excess fluid thereby reducing the amount of time the resulting wet spot takes to dry. Effective stain removing formulations for on-the-go use are also disclosed. Wherein the post paint cleaning device of present invention does not relate to the said prior art.

Yet another prior art US9316005B2, discloses a flooring is disclosed including a substrate having a coating composition thereon, the coating composition comprising a hardenable film-former and at least 0.5 weight percent of an oxidizing agent sufficient to decolorize a stain on the film-former is disclosed, wherein the oxidizing agent comprises hydrogen peroxide, hypochlorite, and organo-chlorine bleaches and will at least partially decolorize a plurality of stains when applied to the hardened coating, allowed to stand for one hour at room temperature, and evaluated by visual observation of the stain under average overhead fluorescent illumination. The oxidizing agent is not consumed as a catalyst or initiator to polymerize or otherwise cause a reaction in the floor coating before it is applied and before it has hardened. A coating composition of the invention may include from about 0.8 to about 5 weight percent oxidizing agent and the film-former forms a hardened film resistant to rinsing with tap water. Wherein the post paint cleaning device of present invention does not relate to the said prior art.

All the above cited prior arts uses complex paint stain removing system. Wherein, the present invention discloses a post paint cleaning device which has all the advantages over the prior art and none of the disadvantages.

5 OBJECTS OF THE INVENTION:

The principal object of the present invention is to overcome the disadvantages of the prior art.

An object of the present invention is to provide a device which is capable of performing cleaning of surfaces affected by the affected surface work.

10 Another object of the present invention is to provide a device wherein cleaning of affected surfaces is done by nontoxic chemical solution by a computer controlled system.

Another object of the present invention is to provide a device wherein cleaning of affected surface executed by a computer controlled system with precisian cleaning.

15 Yet another object of the invention is to provide a device which is efficient and capable of removing paint stains from the affected surface.

Still another object of the present invention is to provide a device which is economic and low in maintenance.

20 The foregoing and other objects, features, and advantages of the present invention will become readily apparent upon further review of the following detailed description of the preferred embodiment as illustrated in the accompanying drawings.

SUMMARY OF THE INVENTION:

The present invention relates to a computer controlled post paint cleaning device. In particular, present invention relates to a device which is capable of cleaning the surfaces affected by the affected surface work wherein a computer controlled system provides precision cleaning of affected surfaces.

5 According to an embodiment of the present invention, a post paint cleaning device comprises of an arm comprising a upper and lower end configured with the device to handle the post cleaning work, a computer controlled AI camera integrated on the arm to detect size of the paint stain over the non-painted surface and signals the acquired data to a central computer, a podium integrated at upper end of the arm via a a servo unit to move the podium in front of the cleaning surfaceaffected surface and
10 simultaneously triggers the rack and pinion arrangement includes a horizontal and vertical rack meshed with each other in a manner to provide a two-directional motion to a motorized scrubber attached over the arrangement as means of performing cleaning of the affected surface, a cylinder integrated at lower end of the arm via a lowerary
15 motorized hinge to move the cylinder towards the affected surface and simultaneously triggers a pump integrated in a container attached with the cylinder to inject a cleaning solution over the affected surface via multiple nozzle mounted within the cylinder as means of provide protective layer over the affected surface.

According to the another embodiment of the present invention, a post paint cleaning
20 device further comprises of multiple suction cup integrated within the cylinder for spraying cleaning solution over the affected surface and triggers the suction cups for creating a vacuum inside the cylinder for the suction of sludge produced by the cleaning, a servo mop arranged within the cylinder via a telescopic rod to absorb the chemical solution after cleaning, a telescopic rod installed with the cylinder via a servo
25 ball joint that is activated by the central computer to provide a multi degree of freedom to the rod that extends as means of allowing the servo mop to cover whole surface area of the affected surface to perform cleaning in an effective manner, a sensor integrated

on the telescopic rod to detect presence of sludge over the affected surface and transmits acquired data to the central computer that analyzes the data and activate a suction pump embedded in a cleaning oil tank attached within the cylinder to inject a cleaning solution over the affected surface for performing cleaning, a suction cup
5 integrated over the podium that is activated by the central computer to draw dust present over the affected surface, an electrical cable configured with the device to supply power to electrical and electronic components.

While the invention has been described and shown with particular reference to the preferred embodiment, it will be apparent that variations might be possible that would
10 fall within the scope of the present invention.

BRIEF DESCRIPTION OF THE DRAWINGS:

These and other features, aspects, and advantages of the present invention will become better understood with regard to the following description, appended claims, and
15 accompanying drawings where:

FIG. 1 depicts an exemplary view of a post paint cleaning device.

DETAILED DESCRIPTION OF THE INVENTION:

In the following detailed description, reference is made to the accompanying drawings
20 which form a part hereof, and in which is shown by way of illustration specific embodiments in which the invention may be practiced. These embodiments are described in sufficient detail to enable those skilled in the art to practice the invention, and it is to be understood that the embodiments may be combined, or that other embodiments may be utilized and that structural and logical changes may be made

without departing from the spirit and scope of the present invention. The following detailed description is, therefore, not to be taken in a limiting sense, and the scope of the present invention is defined by the appended claims and their equivalents.

5 The present invention is described in brief with reference to the accompanying drawings. Now, refer in more detail to the exemplary drawings for the purposes of illustrating non-limiting embodiments of the present invention.

As used herein, the term "comprising" and its derivatives including "comprises" and "comprise" include each of the stated integers or elements but does not exclude the inclusion of one or more further integers or elements.

10 As used herein, the singular forms "a", "an", and "the" include plural referents unless the context clearly dictates otherwise. For example, reference to "a device" encompasses a single device as well as two or more devices, and the like.

15 As used herein, the terms "for example", "like", "such as", or "including" are meant to introduce examples that further clarify more general subject matter. Unless otherwise specified, these examples are provided only as an aid for understanding the applications illustrated in the present disclosure, and are not meant to be limiting in any fashion.

As used herein, the terms "may", "can", "could", or "might" be included or have a characteristic, that particular component or feature is not required to be included or have the characteristic.

20 Exemplary embodiments will now be described more fully hereinafter with reference to the accompanying drawings, in which exemplary embodiments are shown. These exemplary embodiments are provided only for illustrative purposes and so that this disclosure will be thorough and complete and will fully convey the scope of the invention to those of ordinary skill in the art. The invention disclosed may, however,

be embodied in many different forms and should not be construed as limited to the embodiments set forth herein.

Various modifications will be readily apparent to persons skilled in the art. The general principles defined herein may be applied to other embodiments and applications
5 without departing from the spirit and scope of the invention. Moreover, all statements herein reciting embodiments of the invention, as well as specific examples thereof, are intended to encompass both structural and functional equivalents thereof. Additionally, it is intended that such equivalents include both currently known equivalents as well as equivalents developed in the future (i.e., any elements developed that perform the same
10 function, regardless of structure). Also, the terminology and phraseology used is for the purpose of describing exemplary embodiments and should not be considered limiting. Thus, the present invention is to be accorded the widest scope encompassing numerous alternatives, modifications and equivalents consistent with the principles and features disclosed. For purpose of clarity, details relating to technical material that is known in
15 the technical fields related to the invention have not been described in detail so as not to unnecessarily obscure the present invention.

Thus, for example, it will be appreciated by those of ordinary skill in the art that the diagrams, schematics, illustrations, and the like represent conceptual views or processes illustrating systems and methods embodying this invention. The functions of
20 the various elements shown in the figures may be provided through the use of dedicated hardware as well as hardware capable of executing associated software. Similarly, any switches shown in the figures are conceptual only. Their function may be carried out through the operation of program logic, through dedicated logic, through the interaction of program control and dedicated logic, or even manually, the particular technique
25 being selectable by the entity implementing this invention. Those of ordinary skill in the art further understand that the exemplary hardware, software, processes, methods,

and/or operating systems described herein are for illustrative purposes and, thus, are not intended to be limited to any particular named element.

Each of the appended claims defines a separate invention, which for infringement purposes is recognized as including equivalents to the various elements or limitations
5 specified in the claims. Depending on the context, all references below to the "invention" may in some cases refer to certain specific embodiments only. In other cases, it will be recognized that references to the "invention" will refer to subject matter recited in one or more, but not necessarily all, of the claims.

References will now be made in detail to the exemplary embodiment of the present
10 disclosure. Before describing the detailed embodiments that are in accordance with the present disclosure, it should be observed that the embodiments reside primarily in combinations arrangement of the system according to an embodiment herein and as exemplified in FIG. 1.

The present invention relates to a post paint cleaning device which is capable of
15 providing maintenance of the affected surface by monitoring the size of the affected surface and gripping it in order to inject the chemicals and water mixture over the affected surface in order to efficiently clean the affected surface in an automated manner.

Referring to FIG. 1, an exemplary view of a post paint cleaning device is illustrated,
20 comprising an arm (1) having an upper end (2) and a lower end (3) configured with the device, a computer controlled AI camera (4) arranged over the arm (1), a podium (6) integrated at upper end (2) via a servo unit (8) and configured with a motorized scrubber 9, a cylinder (10) configured with multiple nozzle (12) arranged within the cylinder (10), multiple suction cup (13) arranged within the cylinder (10), a servo mop

installed within the cylinder via a telescopic rod, a sensor (16) installed over the telescopic rod (15), a suction cup (17) integrated over the podium (6).

The device developed herein comprises of an arm (1) which is tilted in orientation and is divided into an upper (2) and lower end (3). The upper (2) end refers to the bottom
5 end of the arm (1) and lower end (3) refers to the top end of the arm (1). The arm (1) is adapted to accommodate an affected surface position manually by the user in order to perform the cleaning of the affected surface. The arm (1) is further integrated with a computer controlled AI camera (4) which assist by capturing the image of the affected surface and send the signal to the central computer. The central computer processes the
10 signal to determine the size of the affected surface in order evaluate the dimension of the affected surface which needs to be cleaned.

The bottom half of the arm (1) also has a podium (6) integrated with a rack and pinion arrangement (7) through a servo unit (8) that communicates with the central computer. The rack and pinion configuration consists of a horizontal and vertical rack that are
15 interconnected and equipped with a servo mop (14). The central computer after identifying the affected surface, generates the command signal for the servo unit (8) to actuate and provide a to and fro motion to the podium (6), in a manner that the podium is positioned in front of the affected surface. The central computer further generates the command signal for the rack and pinion arrangement to actuate and allow the rotational
20 movement of the scrubber around the affected surface in an efficient manner to provide final cleaning of the said surface.

The top end of the arm is integrated with a cylinder (10) arranged via a servo hinge and is configured with the central computer. The cylinder (10) is configured with multiple nozzle (12) which are connected to a container via a pump, which is configured to store
25 cleaning solution. The central computer after determining the positioning of the podium

6 in front of the affected surface, generates the command signal for the pump integrated in the container linked with the cylinder (10) to actuate and inject the cleaning solution over the affected surface via nozzle (12) to dilute the paint stains over the affected surface.

5 The cylinder (10) further comprises of multiple suction cup (13) which is in communication with the central computer. The central computer after determining the spraying of the cleaning solution over the affected surface, generates the command signal for the suction cups to actuate and create vacuum inside the cylinder for the suction of sludge after cleaning of the affected surface.

10 The cylinder (10) further comprises of a servo mop (14) via a telescopic rod (15) which is configured with the central computer. The telescopic rod is arranged with the cylinder (10) via a servo ball joint. The servo mop (14) is actuated by the central computer to absorb the chemical solution and perform the final cleaning of the affected surface. The central computer actuates a telescopic rod (15) arranged via a servo ball
15 joint to provide multidirectional motion to the rod by extending as means of allowing the servo mop (14) to cover complete surface area of the affected surface in order to perform efficient cleaning.

The telescopic rod (15) further comprises of a sensor (16) which is configured with the central computer. The sensor monitors the presence of sludge over the affected surface
20 and sends the signal to the central computer. The central computer processes the signaled data and generates the command signal for the pump configured with a cleaning oil tank arranged within the cylinder (10), to initially inject a cleaning solution over the affected surface in order to determine the cleaning of the affected surface and further suction of the sludge and cleaning solution by the suction cup. An electrical

cable is configured with the device which operates by supplying power to all the electronic and electrical components of the device.

Although the field of the invention has been described herein with limited reference to specific embodiments, this description is not meant to be construed in a limiting sense.

- 5 Various modifications of the disclosed embodiments, as well as alternate embodiments of the invention, will become apparent to persons skilled in the art upon reference to the description of the invention.

Dated this: November 20, 2022.

ON BEHALF OF APPLICANT

Signature:



Name: Anuj Raturi [IN/PA: 4266]

(AGENT FOR THE APPLICANT)

CLAIM(S):

We Claim:

1. A post paint cleaning device, comprising:
an arm (1) having an upper end (2) and lower end (3); a ball joint (5); a podium
5 (6); a cylinder (10); a plurality of suction cup (17) installed within said cylinder
(10).
2. The post paint cleaning device as claimed in claim 1, wherein a sensor (16)
installed over said telescopic rod (15) to detect presence of sludge over the
affected surface and signals the acquired data to said central computer for
10 processing and further triggering a pump to inject a cleaning solution over said
affected surface for performing cleaning.
3. The post paint cleaning device as claimed in claim 1, wherein a suction cup (17)
installed over said podium (6) which is signaled by said central computer to
draw dust present over said affected surface.
- 15 4. The post paint cleaning device as claimed in claim 1, wherein an electrical cable
configured with said device to supply power to electrical and electronic
components.

Dated this: November 20, 2022.

ON BEHALF OF APPLICANT

20

Signature:



Name: Anuj Raturi [IN/PA: 4266]

(AGENT FOR THE APPLICANT)

ABSTRACT

Title: "A POST PAINT CLEANING DEVICE"

A post paint cleaning device comprising an arm having multiple degree of freedom, an AI camera to detect the sludge over the affected surface, a podium to hold servo units, a servo scrubber, a cylinder to contain cleaning agent and a cleaning solution to inject via a multiple nozzle over the affected surface, a plurality of suction cup for the suction of sludge and cleaning agent and a servo fitted mop via a telescopic rod to perform final cleaning of affected surface.

Dated this: November 20, 2022.

ON BEHALF OF APPLICANT

Signature:



Name: Anuj Raturi [IN/PA: 4266]

(AGENT FOR THE APPLICANT)

FORM 3
THE PATENTS ACT,
1970 (39 of 1970)
and
THE PATENTS RULES, 2003
STATEMENT AND UNDERTAKING UNDER
SECTION 8
(See section 8; Rule 12)

1. Name & address of the applicant(s). We, **J B INSTITUTE OF TECHNOLOGY** of the address **NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN, Uttarakhand, 248197, India** hereby declare:

(i) that we who have made this Application No. **202211**_____ dated **20/11/2022** alone, made for the same/ substantially same invention, application(s) for patent in the other countries, the particulars of which are given below:

Name of the Country	Date of Application	Application No.	Status of Application	Date of publication	Date of Grant
---------------------	---------------------	-----------------	-----------------------	---------------------	---------------


Details attached as ANNEXURE

2. Name of the assignee

(ii) that the rights in the application(s) has/have been assigned to **J B INSTITUTE OF TECHNOLOGY** that we undertake that up to the date of grant of the patent by the Controller, we would keep him informed in writing the details regarding corresponding applications for patents filed outside India within six months from the date of filing of such application.

Dated this: November 20, 2022.

3. To be signed by the applicant or his authorized registered patent agent.

Signature: 

Name: Anuj Raturi [IN/PA: 4266]
(AGENT FOR THE APPLICANT)

4. Name of the natural person who has signed.

Anuj Raturi

To,
The Controller of Patents,
The Patent Office, **Delhi**

Note.- Strike out whichever is not applicable;

ANNEXURE TO FORM-3

Title of Invention: "A POST PAINT CLEANING DEVICE"


Application No. 202211_____ Filed on: 20/11/2022

Applicant(s): J B INSTITUTE OF TECHNOLOGY

Country	Application date	Application No.	Status of the Application	Date of Pub. / Pub. Number	Date of grant / Grant Number
N/A	N/A	N/A	N/A	N/A	N/A

*N/A (Not applicable)

Dated this: November 20, 2022.

Signature: 

Name: Anuj Raturi [IN/PA: 4266]

(AGENT FOR THE APPLICANT)

FORM 5

**THE PATENTS ACT, 1970
(39 of 1970)
&
THE PATENT RULES, 2003
DECLARATION AS TO INVENTORSHIP**

[See Section 10(6) and Rule 13(6)]

We, **J B INSTITUTE OF TECHNOLOGY** having institution address at **NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN, UTTARAKHAND, 248197, INDIA**, hereby declare that the true and first inventors of the invention disclosed in the complete specification filed in pursuance of our Application Titled "**A POST PAINT CLEANING DEVICE**" are:

Name: Manoj Chaudhary

Nationality: Indian

Address: Department of Computer Sc. & Engg., J B Institute of Technology, Dehradun.

Name: Wajahat Gh Mohd

Nationality: Indian

Address: Department of Computer Sc. & Engg., J B Institute of Technology, Dehradun.

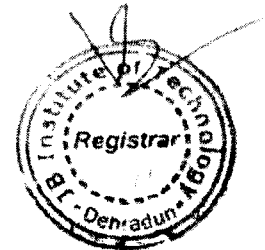
Name: Lakhani Singh

Nationality: Indian

Address: Department of Electrical Engineering, J B Institute of Technology, Dehradun.

Dated this: November 20, 2022.

Signature & Name:



Registrar

J B Institute of Technology

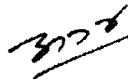
To,
The Controller of Patents
The Patent Office, at Delhi.

FORM 9

The Patent ACT, 1970 (39 of 1970)
&
The Patents Rule, 2003

Request for Publication

[See section 11A (2), Rule 24A]

1. Name, address and nationality of the applicants:	We, J B INSTITUTE OF TECHNOLOGY Address: NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN, Uttarakhand, 248197 India. Nationality: Indian
2. To be signed by the applicant or his authorized registered patent agent	Hereby request for early publication of our application Titled: "A POST PAINT CLEANING DEVICE" filed herewith under section 11A(2) of the Act.
3. Name of the natural person who signed. Dated: November 20, 2022.	Signature:  Name: Anuj Raturi [IN/PA: 4266] (AGENT FOR THE APPLICANT)

To,
The Controller of Patents
The Patent Office at, New Delhi.

FORM 28

THE PATENT ACT, 1970 (39 OF 1970)

&

THE PATENTS RULES, 2003

TO BE SUBMITTED BY AN EDUCATIONAL INSTITUTION

[See rules 2 (ca) and 7]

We, **J B INSTITUTE OF TECHNOLOGY** having Nationality of India of the address- **NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN, Uttarakhand, 248197, India.** Applicant in respect of the patent application titled "**A POST PAINT CLEANING DEVICE**" & application no.202211_____,

hereby declare that we are an educational institution in accordance with rule 2(ca) and submit the following document(s) as proof;

i) Certificate/proof of university recognized under/Central/State government.

The information provided herein is correct to the best of our knowledge and belief.

Dated this: November 20, 2022.

Signature: 

Name: Anuj Raturi [IN/PA: 4266]

(AGENT FOR THE APPLICANT)

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

FORM 28

THE PATENT ACT, 1970 (39 OF 1970)

&

THE PATENTS RULES, 2003

TO BE SUBMITTED BY AN EDUCATIONAL INSTITUTION

[See rules 2 (ca) and 7]

We, **J B INSTITUTE OF TECHNOLOGY** having Nationality of India of the address- **NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN, Uttarakhand, 248197, India.** Applicant in respect of the patent application titled **"A POST PAINT CLEANING DEVICE"** & application no.202211 _____,

hereby declare that we are an educational institution in accordance with rule 2(ca) and submit the following document(s) as proof;

i) Certificate/proof of university recognized under/Central/State government.

The information provided herein is correct to the best of our knowledge and belief.

Dated this: November 20, 2022.

Signature: 

Name: Anuj Raturi [IN/PA: 4266]

(AGENT FOR THE APPLICANT)

To,

The Controller of Patents,

The Patent Office, at Delhi.

All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2022-23

Extension of Approval (EOA)

F.No. Northern/1-10968838042/2022/EOA

Date: 29-Jul-2022

To,

The Secretary(Technical Education)
Govt. of Uttarakhand, Dehradun Sectt.,
4 Subhash Road, Dehradun-248001

Sub: Extension of Approval for the Academic Year 2022-23

Ref: Application of the Institution for Extension of Approval for the Academic Year 2022-23

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2022 Notified on 4th February, 2022 and amended on 24th February 2022 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-8461364	Application Id	1-10968838042
Name of the Institution	J B INSTITUTE OF TECHNOLOGY	Name of the Society/Trust	JAI BHAGWAN EDUCATIONAL SOCIETY
Institution Address	NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN, DEHRADUN, Uttarakhand, 248197	Society/Trust Address	17 MANDIR MARG, VASANT VIHAR ENCLAVE DEHRADUN, DEHRADUN, DEHRADUN, Uttarakhand, 248001
Institution Type	Private-Self Financing	Region	Northern
Year of Establishment	2009		

Opted for Introduction of New Program/Level	Yes	Introduction of Program/Level Approved or Not	Approved
---	-----	---	----------

To conduct following Courses with the Intake indicated below for the Academic Year 2022-23

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NR/ Approval Status	FN / Gulf quota/ OCI/ Approval Status
DIPLOMA	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	Directorate Of Technical Education, Srinagar(Garhwal)	60	60	No	No
DIPLOMA	ENGINEERING AND TECHNOLOGY	ELECTRICAL ENGINEERING	Directorate Of Technical Education, Srinagar(Garhwal)	60	60	No	No

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OGI/ Approval Status
DIPLOMA	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	Directorate Of Technical Education, Srinagar(Garhwal)	60	60	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Uttarakhand Technical University, Dehradun	60	30	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	Uttarakhand Technical University, Dehradun	60	60	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE & ENGINEERING	Uttarakhand Technical University, Dehradun	60	90	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRICAL ENGINEERING	Uttarakhand Technical University, Dehradun	30	30	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	Uttarakhand Technical University, Dehradun	30	30	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	Uttarakhand Technical University, Dehradun	60	60	No	No
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE & ENGINEERING	Uttarakhand Technical University, Dehradun	24	24	No	No
POST GRADUATE	MANAGEMENT	MBA	Uttarakhand Technical University, Dehradun	0	60##	No	No

Approved New Course(s)

It is mandatory to comply with all the essential requirements as given in APH 2022-23 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC (NCL)/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2022-23 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE beginning with the Academic Year 2022-23
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as Approval Process Handbook and provisions made in AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Pharmacy Institute: In compliance with the order dated 05.03.2020 passed by the Hon'ble Supreme Court of India in Transferred Petitions (CIVIL) No 87-101 of 2014, for the existing institutions offering courses in Pharmacy Programme, approval of Pharmacy Council of India (PCI) is mandatory and AICTE approval is NOT required. The requirements for running the Programme (Diploma / UG / PG) such as Land & Build-up Area, Student-faculty ratio, Intake etc. will be as per the respective regulatory body (PCI). In case of any inconsistency in the course name and intake for EoA issued by AICTE and the approval by PCI, the approval of PCI shall prevail.

Architecture Institute: In compliance with the order dated 08.11.2019 passed by the Hon'ble Supreme Court of Indian CA No.364/ 2005, for the existing Institutions offering Courses in Architecture Programme, approval by the Council of Architecture (CoA) is mandatory and AICTE approval is NOT required. The requirements for running the Programme (Diploma / UG / PG) such as Land & Build-up Area, Student-faculty ratio, Intake etc. will be as per respective regulatory body (CoA). In case of any inconsistency in the course name and intake for EoA issued by AICTE and the approval by CoA, the approval of CoA shall prevail.

Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.

**Prof.Rajive Kumar
Member Secretary, AICTE**

Copy to:

1. **The Director Of Technical Education**, Uttarakhand**
2. **The Registrar**,
Directorate Of Technical Education, Srinagar(Garhwal)**
3. **The Principal / Director,
J B INSTITUTE OF TECHNOLOGY
Nh-72, Village Shankarpur, Chakrata Road, Dehradun,
Dehradun,Dehradun,
Uttarakhand,248197**
4. **The Secretary / Chairman,
17 MANDIR MARG, VASANT VIHAR ENCLAVE
DEHARDUN
DEHRADUN,DEHRADUN**

Uttarakhand,248001

5. **The Regional Officer,**
All India Council for Technical Education
Govt. Polytechnic Campus
Adjoining Directorate of Technical Education
Vikas Nagar, Kanpur-208 002, Uttar Pradesh

6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

This is a computer generated Statement. No signature Required



प्रेषक,

डा० रंजीत कुमार सिन्हा
सचिव श्री राज्यपाल/कुलाधिपति।

सेवा में,

कुलपति,
वीर माधो सिंह भण्डारी उत्तराखण्ड प्रौद्योगिकी विश्वविद्यालय,
सुन्दरगढा, देहरादून।

राज्यपाल/कुलाधिपति सचिवालय उत्तराखण्ड :

देहरादून : दिनांक : 3 अक्टूबर, 2022

महोदय,

कृपया विश्वविद्यालय के पत्र सं०-2052 व 2055, दिनांक 07-01-2022 का सन्दर्भ ग्रहण करने का कष्ट करें।

2. उपरोक्त सन्दर्भ के सम्बन्ध में मुझे यह कहने का निदेश हुआ है कि नियामक संस्था, निरीक्षण मण्डल, कुलपति व कुलसचिव, जी०मा०सि०भ० उत्तराखण्ड प्रौद्योगिकी विश्वविद्यालय द्वारा प्रदत्त सस्तुति के दृष्टिगत विश्वविद्यालय अधिनियम, 2005 (यथा अद्यतन संशोधित) की धारा-24(2) के अधीन निम्नवत् संस्थान को उसके सम्मुख वर्णित पाठ्यक्रम, सीटों एवं अवधि की अस्थाई सम्बद्धता विस्तारण हेतु छात्रहित में मा० कुलाधिपति द्वारा पूर्वानुमोदन निम्नवत् उपबन्धों के साथ प्रदान किया गया है :-

संस्थान का नाम	पाठ्यक्रम	सीट संख्या प्रति सत्र	शैक्षिक सत्र
1	2	3	4
जे०वी० इस्टीट्यूट ऑफ टेक्नोलॉजी, चकराता रोड, देहरादून	बी०टेक० :- 1. Civil Engg. 2. Computer Science & Engg. 3. Electrical Engg. 4. Electronics & Communication Engg. 5. Mechanical Engg. 6. Artificial Intelligence and Machine Learning (New Course-1st Affiliation)	60 60 30 30 60 60	2021-22
	एम०टेक० :- 1. Computer Science & Engg.	24	

(1) विश्वविद्यालय द्वारा संस्थान की Annual Balance Sheet सम्बन्धी साक्ष्य की सत्यापित प्रति प्राप्त कर इस सचिवालय को उपलब्ध कराई जायेगी।

(2) प्राभूति राशि अपूर्ण है। अतः उत्तराखण्ड शासन द्वारा शासनादेश दिनांक 14 दिसम्बर, 2016 द्वारा तथा व्यवसायिक पाठ्यक्रमों हेतु प्राभूति राशि के सम्बन्ध में शासन स्तर पर लिये गये निर्णय का पूर्ण रूप से अनुपालन विश्वविद्यालय व संस्थान द्वारा किया जायेगा, उसके अनुपालन की सूचना से इस सचिवालय को भी अवगत कराया जायेगा।

(3) विश्वविद्यालय द्वारा छात्र/छात्राओं की गुणवत्ता और व्यवहारिक शिक्षा में सुधार के लिए क्या कदम उठाए गये हैं, इसकी सूचना व संस्थानों द्वारा छात्रों की प्रायोगिक शिक्षा और इंटरशिप/विजिट के लिए किन समूहों, विभागों एवं कंपनियों के साथ समझौता (Tie-up or MoU) किया गया है, तत्सम्बन्धी अभिलेख एक माह के भीतर अनिवार्य रूप से इस सचिवालय को प्रेषित करना सुनिश्चित करें। अन्यथा की स्थिति में संस्थान की सम्बद्धता निरस्त कर दी जाएगी साथ ही अग्रोत्तर सत्रों की सम्बद्धता के सम्बन्ध में कोई विचार नहीं किया जायेगा।

(4) विश्वविद्यालय संस्थान द्वारा गोसाइती / एमए एकीकरण अधिनियम के अन्तर्गत निर्धारित Legal Obligation पूर्ण किये जाने के सम्बन्ध में साथ शक्ति आख्या एक माह के भीतर राज्यपाल सचिवालय को उपलब्ध कराया जाना सुनिश्चित किया जायेगा।

(5) यदि संस्थान द्वारा एक या एक से अधिक विश्वविद्यालय से पाठ्यक्रम की सम्बद्धता प्राप्त की गई हो तो संस्थान समस्त पाठ्यक्रमों की सम्बद्धता को एक साथ रखकर पाठ्यक्रमवार मानक पूर्ण किये जाने के सम्बन्ध में आख्या संस्थान द्वारा विश्वविद्यालय को उपलब्ध कराई जायेगी तथा संस्थान से प्राप्त आख्या का परीक्षण करते हुए विश्वविद्यालय द्वारा राज्यपाल सचिवालय को उपलब्ध कराई जायेगी।

(6) अग्रेतर सत्रों के सम्बद्धता प्रस्ताव नियामक संस्था, विश्वविद्यालय एवं शासन द्वारा निर्धारित मानकों के अनुरूप पूर्ण होने की दशा में ही स्वीकार किये जायेंगे अन्यथा की स्थिति में अपूर्ण प्रस्तावों पर विचार नहीं किया जायेगा, जिसका पूर्ण उत्तरदायित्व विश्वविद्यालय का होगा।

(7) विश्वविद्यालय, नियामक संस्था, विश्वविद्यालय व राज्य सरकार द्वारा निर्धारित सभी मानकों के पूर्ण होने की दशा में ही कार्यपरिषद के अनुमोदन से विहित शर्तों/उपबन्धों के अधीन अस्थाई सम्बद्धता विस्तारण के आदेश निर्गत करें व तत्सम्बन्धी कार्यवाही की सूचना मा० कुलाधिपति महोदय के अवगतार्थ उपलब्ध कराये।

तदनुसार अग्रेतर कार्यवाही सुनिश्चित करें।

भवदीय,

(डा० रंजीत कुमार सिन्हा)
सचिव श्री राज्यपाल/कुलाधिपति।

संख्या-2852(1)/जीएसओ(शिक्षा)/A4-48(P-II)/2019 तददिनांकित।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित :-

1. सचिव, तकनीकी शिक्षा विभाग, उत्तराखण्ड शासन।
2. प्राचार्य/निदेशक, संबंधित संस्थान।
3. कम्प्यूटर प्रकोष्ठ/गार्ड फाईल हेतु।

आज्ञा से

(स्वाति एस० मदीरिया)
अपर सचिव श्री राज्यपाल/कुलाधिपति।



सत्यमेव जयते

INDIA NON JUDICIAL

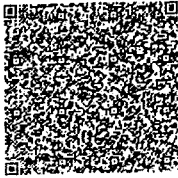
Government of Uttarakhand

e-Stamp

Certificate No. : IN-UK16794774678151U
Certificate Issued Date : 05-Nov-2022 04:12 PM
Account Reference : NONACC (SV)/ uk1210104/ VIKAS NAGAR/ UK-DH
Unique Doc. Reference : SUBIN-UKUK121010439041935017054U
Purchased by : J B INSTITUTE OF TECHNOLOGY
Description of Document : Article Miscellaneous
Property Description : MISC
Consideration Price (Rs.) : 0
(Zero)
First Party : J B INSTITUTE OF TECHNOLOGY
Second Party : NA
Stamp Duty Paid By : J B INSTITUTE OF TECHNOLOGY
Stamp Duty Amount(Rs.) : 100
(One Hundred only)

विकासनगर

धीरज कुमार सिंघल
(ई-स्टाम्प विक्रेता)
विकासनगर (देहरादून)



Please write or type below this line

FORM 26
THE PATENTS ACT, 1970
(39 OF 1970)

&

The Patent Rules, 2003

FORM FOR AUTHORIZATION OF A PATENT AGENT/ OR ANY PERSON IN A MATTER OR
PROCEEDING UNDER THE ACT
[See Section 127 and 132; Rule 135]

Power of Attorney by J B INSTITUTE OF TECHNOLOGY, of the address- NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN, Uttarakhand, 248197, India; hereby authorize- Mr. Anuj Raturi [Registered Indian Patent Agent, (IN/PA:4266)] & Adv. Ram Chandra Joshi [Reg. No.: U.A. 2638/04, U.P. 2763/94 (Advocate & Notary)] having office address, as Gyananand Bhawan, Kalinka Vihar, Majrimafi, Lane No.3, IIP Mohkampur Kala-248005, Dehradun, Uttarakhand, India.

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shoelstamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

Nov 05 2022 04:12 PM 100 IN-UK16794774678151U NONACC (SV)/ uk1210104/ VIKAS NAGAR/ UK-DH SUBIN-UKUK121010439041935017054U J B INSTITUTE OF TECHNOLOGY Article Miscellaneous MISC 0 (Zero) J B INSTITUTE OF TECHNOLOGY NA J B INSTITUTE OF TECHNOLOGY 100 (One Hundred only)

J B INSTITUTE OF TECHNOLOGY, VIKAS NAGAR, DEHRADUN, UTTARAKHAND, INDIA

FORM 26
THE PATENTS ACT 1970
(39 OF 1970)
&
The Patent Rules, 2003
Form for Authorization of Patent Agent/ or Any Person in a matter or Proceeding under
the Act
[See Section 127; and Rule 135]

We, **J B INSTITUTE OF TECHNOLOGY** having address at NH-72, VILLAGE SHANKARPUR, CHAKRATA ROAD, DEHRADUN, Uttarakhand, 248197, India, do hereby authorize **Mr. Anuj Raturi [Registered Indian Patent Agent, (IN/PA:4266)] & Adv. Ram Chandra Joshi [Reg. No.: U.A. 2638/04, U.P. 2763/94 (Advocate & Notary)]** having office address, as Gyananand Bhawan, Kalinka Vihar, Majrimafi, Lane No.3, IIP Mohkampur Kala-248005, Dehradun, Uttarakhand, India, to act on our behalf in connection with the filing and pre & post grant prosecution for the invention titled **“A POST PAINT CLEANING DEVICE”** filed in our name and request that all notices, requisitions and communication relating thereto may be sent to such person(s) at the above address unless otherwise specified.

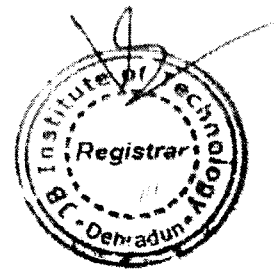
This authorization includes the right to appoint substitutes.

We hereby revoke all previous authorizations, if any made, in respect of the same matter or proceeding.

We hereby assent to the action already taken by the said person in the above matter.

Dated this: November 20, 2022.

Signature & Name:



Registrar

J B Institute of Technology

To be stamped under the Indian Stamp Act, 1899 (2 of 1899)

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

To be stamped under the Indian Stamp Act, 1899 (2 of 1899)

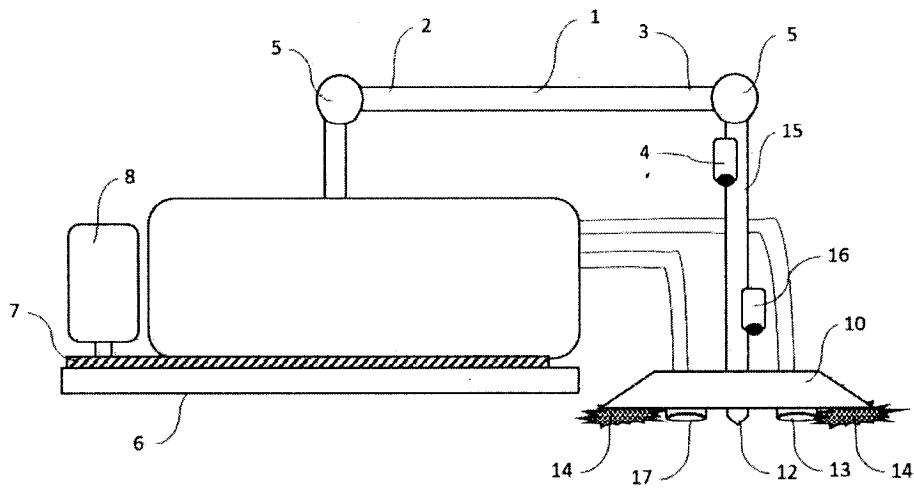


FIG. 1

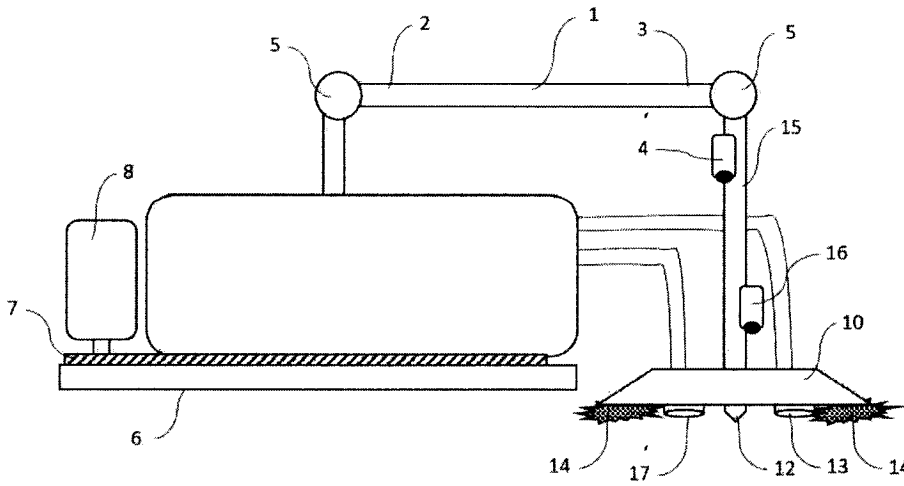


FIG. 1

Dated: November 20, 2022

ON BEHALF OF APPLICANT

Signature:

Name: Anuj Raturi [IN/PA: 4266]

(AGENT FOR THE APPLICANT)