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Intellectual Property Counsels

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RAJ/VAY/IP. 1690/DEL/2015
June 07, 2016

E-mail: sharma.arpit956@gmail.com

Kind Attn: Mr. Arpit Sharma

F-7/207, Kashmir Avenue
Batala Road, Amritsar,
Punjab – 143001
India

Dear Mr. Modgil,

Re: FILIING OF COMPLETE SPECIFICATION IN INDIA

Patent Application No.	:	**1690/DEL/2015**
Title	:	**"An Apparatus and Method of Time Based Password Switching by Tapping on a Metallic Surface"**
Date of filing	:	**June 08, 2015**
Applicant	:	**Arpit Sharma**

We write with reference to the captioned matter.

We confirm having prepared and filed the complete specification further to provisional application on June 06, 2016 at the Indian Patent Office.

A copy of acknowledgement receipt in this regard is attached herewith for your reference. We also enclose the copy of specification and forms as filed for your records.

Please let us know in case you wish to file the subject application in jurisdictions other than India. The PCT application can be made within 12 months from the date of first application, i.e. by **June 08, 2016**.

We shall keep you apprised of the developments in the matter.

For the services towards reviewing the matter; drafting of complete patent application; preparing and filing the application along with necessary forms; payment of official fee and disbursements incidental thereto, our debit note is enclosed.

Please acknowledge safe receipt of this communication.

Yours faithfully,

Varsha Yadav

Enclosures: Copy of acknowledgement receipt;
Copy of documents as filed
Debit Note

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.1690/DEL/2015 A
(43) Publication Date : 09/12/2016

(54) Title of the invention : AN APPARATUS AND METHOD OF TIME BASED PASSWORD SWITCHING BY TAPPING ON A METALLIC SURFACE

(51) International classification :H04M1/66
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(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)Arpit Sharma
Address of Applicant :F-7/207 Kashmir Avenue , Batala Road, Amritsar,Punjab. Punjab India
(72)**Name of Inventor :**
1)Arpit Sharma

(57) Abstract :
The present invention relates to a locking arrangement in order to lock a device. The locking arrangement includes a master unit and a slave unit. The master unit and the slave unit are joined together through wired or wireless means. The slave device is then attached to the surface of the device to be locked. Then the surface of the device is tapped in a rhythmic fashion and the rhythm is stored as a pass key for the device. If the device has to be unlocked, same rhythmic tap has to be generated.

No. of Pages : 13 No. of Claims : 11

FORM 2
THE PATENTS ACT, 1970
(39 of 1970)
&
COMPLETE SPECIFICATION
(See section 10 and rule 13)

TITLE OF INVENTION:

"AN APPARATUS AND METHOD OF TIME BASED PASSWORD SWITCHING BY TAPPING ON A METALLIC SURFACE"

APPLICANT:

(a) Name: Arpit Sharma

(b) **Nationality:** INDIA

(c) Address: F-7/207 Kashmir Avenue, Batala Road, Amritsar-143001, Punjab, INDIA.

Preamble to the Invention:

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 switching devices based on password protection. More particularly, the present invention relates to a device for switching on & off various devices through password based on tapping on a metallic surface.

BACKGROUND OF THE INVENTION

With the ever increasing security concerns and password based control of devices, the technology of providing access to control device functions have also taken a leap. Now more or less majority of devices we interact with give some or the other kind of control to the owner of device so that the owner is always in control. Also, this makes sure that the owner always has an idea about how and who has the device access.

Such technology uses some kind of code to be setup, or an image or some kind of pattern or even a biometric. Some passwords could be either only numeric or even alpha numeric for that matter.

However, all of these are prone to be hacked by skilled hackers.

Therefore, there exists a need for an improved method and system to overcome the above mentioned problems.

BRIEF DECRIPTIONN OF THE DRAWINGS

The subject matter that is regarded as the invention is particularly pointed out and distinctly claimed in the claims at the conclusion of the specification. The foregoing and other aspects, features, and advantages of the invention are apparent from the following detailed description taken in conjunction with the accompanying drawings in which:

Figure 1a: illustrates a locking apparatus according to an embodiment of the invention.

Figure 1b: illustrates a locking arrangement for a device to be locked according to an embodiment of the invention.

Figure 2: illustrates a flow chart to demonstrate a method according to an embodiment of the invention.

It is to be noted that the drawings presented are intended solely for the purpose of illustration and that they are, therefore, neither desired nor intended to limit the disclosure to any or all of the exact details of construction shown, except insofar as they may be deemed essential to the claimed invention.

DETAILED DESCRIPTION

Referring to **Figure 1a** illustrates a locking arrangement 100 according to an embodiment of the invention. The locking arrangement 100 includes a master unit 102. Master unit 102 includes a screen 1024. In an embodiment of the invention, the screen 1024 can either be a black and white or a colored screen. The screen 1024, may also be a standard LCD or LED screen with standard RGB interfaces. The master unit 102 further includes a keypad 1026. The keypad 1026 can include standard numeric arrangement like 1, 2, 3 or, it might have a QWERTY configuration along with the numeric keys in order to generate alpha numeric combinations. Along with standard keys, the keypad 1026 further includes certain specific function keys. These include an on/off key 1030, an OK key 1028, a SET key 1032, and a RESET key 1034. The SET key 1032 is utilized to set password. The key OK 1028 is utilized to confirm any action performed on the master unknit 102, and the RESET key 1034 is utilized to reset any password. The master may also include an inbuilt memory (not shown in the figure) to store the keys pertaining to the devices to be locked.

Still referring to **Figure 1a**, the locking arrangement 100 further includes a slave unit 104. The slave unit 104 includes a magnet 1042 in order to latch itself on to a metallic surface i.e. the device to be locked. In an embodiment of the invention the slave unit 104 may further include various USB ports 1044 in order to connect through wires to the device to be locked. However, it is possible to wirelessly connect the slave unit 104 by just placing it on the surface of the device to be locked. It is to be noted for a fact, that if a device to be locked is connected through wires to a port number 1 for setting the password and lock, then if its password needs to be reset or the device needs to be unlocked the device has to be connected to the same port only, that is port number 1.The slave unit 104 may include various types of sensors like capacitive touch sensor (for conductors) or piezoelectric sensors (for non-conductors). In an embodiment of the

invention, the salve unit 104 may also contain a memory on order to store the keys generated and received from the master device.

In an embodiment of the invention the master unit 102 and the slave unit 104 are joined through wired means. For this there might be a USB port available on the master unit 102 through which a wire may be inserted and the other end of the wire may be connected to a micro USB on the slave unit 104. However, the master unit 102 and slave unit 104, in other embodiments of the invention, may also be linked by wireless means like Wi-Fi, Bluetooth, near field communication (NFC), or infrared means (IR) etc.

Now referring to **Figure 1b** that illustrates a locking arrangement 200 according to an embodiment of the invention. The locking arrangement 200 includes the master unit 102 joined wirelessly to the slave unit 104. The slave unit 104 is latched on to a door 204 of a locker 202. The locker 202 can either be connected to the slave unit 104 through wires via USB ports 1044 or wirelessly through any short range or long range wireless protocols.

Now referring to **Figure 2** that illustrates a method 300 according to an embodiment of the invention. References will be made to **Figures 1a and 1b** in order to describe the method completely.

The method 300 starts at step 302. At 302, the slave unit 104 is connected to the device to be locked like locker 202. As disclosed above, the locker 202 can either be connected to the slave unit 104 through wires via USB ports 1044 or wirelessly through any short range or long range wireless protocols. In order for efficient working of the invention, it is preferred that the device to be locked has a metallic surface. However, it is not imperative. Still referring to **Figure 2**, at step 304, the salve unit 104 is joined to the master unit 102. This can be done either through wired connections or wireless connections. As described above, the master unit 102 and the slave unit 104 are joined through wired means. For this there might be a USB port available on the master unit 102 through which a wire may be inserted and the other end of the wire may be connected to a micro USB on the slave unit 104. However, the master unit 102 and slave unit 104, in other embodiments of the invention, may also be linked by wireless

means like Wi-Fi, Bluetooth, near field communication (NFC), or infrared means (IR) etc. Moving to step 306, after joining the master unit 102 and slave unit 104, locking key is generated. Now, there are multiple ways of generating the locking key.

Locking key generation method 1: In this method user can simply key in a number from the keypad 1026 and press the key "SET" 1032. This sets that number as the locking key for that device.

Locking key generation method 2: In this method a user can tap, on the surface of the device to be locked, with certain time gaps, For e.g. FIRST TAP --2 seconds gap--SECOND TAP--5 seconds gap--THIRD TAP---4 seconds gap---FOURTH TAP— 'OK' key 1028. Therefore, password will be 2-5-4 which can be tapped by the user on keypad 1026 of the master unit 102.

Locking key generation method 3: In this method, a user can tap in a rhythmic fashion, on the surface of the device to be locked. Then that rhythmic tap becomes password for unlocking the device.

At step 308, the device to be locked is locked and the password is stored in inbuilt memory of both the master unit 102 and the slave unit 104.

In order to access the device or unlock the device the user latches the salve unit 104 on the device and taps in the rhythmic fashion set for the device. Or if a time delay lock is set, then taps on the device surface in a manner used to lock the device. Also, once the locking key has been generated by the master unit 102 there is no need of the master unit 102 unless and until we need to reset the locking key. It is to be noted for a fact that locking key and unlocking key for the same device can be different in other embodiments of the invention.

This invention can be put to use for variety of purposes including but not limited to burglar alarm, security alarm, door locks, car locks, used by banks to enhance their security systems and other such places. Particularly for burglar alarm, approaching an alarm switch during burglary can invite danger. A burglar may cause harm to a person trying to approach a burglar alarm switch to prevent him from alarming others.

However, with the present invention, a person can trigger a burglar alarm by simply tapping a metallic surface without raising any suspicion.

The above disclosure is non-limiting and modifications and variations are possible without departing from the spirit and scope of the invention. Since other modifications and changes varied to fit particular operating requirements and environments are apparent to those skilled in the art, the invention is not considered limited to the example chosen for purposes of disclosure, and covers all changes and modifications which do not constitute departures from the true spirit and scope of this invention.

Although the invention has been explained in relation to its preferred embodiment, it is to be understood that many other possible modifications and variations can be made without departing from the spirit and scope of the invention as herein described.

As one of ordinary skill in the art may appreciate, the example process described herein can be modified. For example, certain steps can be omitted, certain steps can be carried out concurrently, and other steps can be added. Although particular embodiments of the invention have been described in detail, it is understood that the invention is not limited correspondingly in scope, but includes all changes, modifications and equivalents coming within the spirit and terms of the claims appended hereto.

This written description uses examples to disclose the invention, including the best mode, and also to enable any person skilled in the art to practice the invention, including making and using any devices or systems and performing any incorporated methods. The patentable scope the invention is defined in the claims, and may include other examples that occur to those skilled in the art. Such other examples are intended to be within the scope of the claims if they have structural elements that do not differ from the literal language of the claims, or if they include equivalent structural elements with insubstantial differences from the literal languages of the claims.

The foregoing description and drawings comprise illustrative embodiments of the present invention. Having thus described exemplary embodiments, it should be noted by those ordinarily skilled in the art that the within disclosures are exemplary only, and that

various other alternatives, adaptations, and modifications may be made within the scope of the present invention. Merely listing or numbering the steps of a method in a certain order does not constitute any limitation on the order of the steps of that method. Many modifications and other embodiments of the invention will come to mind to one ordinarily skilled in the art to which this invention pertains having the benefit of the teachings presented in the foregoing descriptions and the associated drawings. Although specific terms may be employed herein, they are used in a generic and descriptive sense only and not for purposes of limitation. Moreover, the present invention has been described in detail; it should be understood that various changes, substitutions and alterations can be made thereto without departing from the spirit and scope of the invention as defined by the appended claims. Accordingly, the present invention is not limited to the specific embodiments illustrated herein, but is limited only by the following claims

I CLAIM:

1. A locking apparatus comprising of;
   a) a slave unit, wherein the slave unit is configured to be connected to a device to be locked; and
   b) a master unit, wherein the master unit is connected to the slave unit and is configured to set up a locking key to lock the device.

2. The locking apparatus as claimed in claim 1, wherein the slave unit is connected to the device through a wired or wireless connection.

3. The locking apparatus as claimed in claim 2, wherein the wired connection is through USB ports on the slave unit.

4. The locking apparatus as claimed in claim 1, wherein the wireless connection is any one of a Wi-Fi, a Bluetooth, a near field communication, or infrared.

5. The locking apparatus as claimed in claim 1, wherein the locking key is set through a keypad.

6. The locking apparatus as claimed in claim 1, wherein the locking key is set through a rhythmic tap on the device to be locked.

7. The locking apparatus as claimed in claim 6, wherein the master unit is configured to identify the rhythmic tap.

8. A method of locking comprising;
   a) connecting a slave device on a device to be locked;
   b) joining the slave device to a master device;
   c) generating a locking key by either pressing buttons on keypad of the master device and or tapping a rhythm on the device to be locked; and
   d) locking the device to be locked with the locking key.

9. The method as claimed in claim 8, wherein the salve device is connected to the device to be locked through wired or wireless connection.

10. The method as claimed in claim 9, wherein the wired connection is through a USB port.

11. The method as claimed in claim 9, wherein the wireless connection is any one of a Wi-Fi, a Bluetooth, a near field communication, or infrared.

Dated this 8th day of June, 2015

ARPIT SHARMA
By their Attorney

RAJAN AILAVADI
of CIP LEGIT

ABSTRACT

AN APPARATUS AND METHOD OF TIME BASED PASSWORD SWITCHING BY TAPPING ON A METALLIC SURFACE

The present invention relates to a locking arrangement in order to lock a device. The locking arrangement includes a master unit and a slave unit. The master unit and the slave unit are joined together through wired or wireless means. The slave device is then attached to the surface of the device to be locked. Then the surface of the device is tapped in a rhythmic fashion and the rhythm is stored as a pass key for the device. If the device has to be unlocked, same rhythmic tap has to be generated.

Welcome RAJAN AILAVADI Sign out

Controller General of Patents, Designs & Trade Marks

सत्यमेव जयते

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

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Docket No 72626

Date/Time 2019/07/26 16:40:17

RAJAN AILAVADI CIP LEGIT
Intellectual Property Counsels 8-306,
Dharampura, Bahadurgarh- 124507 Email:
services@ciplegit.com

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	201911030291	TEMP/E-1/31979/2019-DEL	4800	23946	FORM 1	Full	ROBOTIC GARDENING DEVICE

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0000536864	Online Bank Transfer	2607190004522	4800.00	1475001020000001

Total Amount : ₹ 4800
Amount in Words: Rupees Four Thousand Eight Hundred Only

Received from RAJAN AILAVADI the sum of ₹ 4800 on account of Payment of fee for above mentioned Application/Forms.
* This is a computer generated receipt, hecnce no signature required.

Print

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CIP LEGIT
Intellectual Property Counsels

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Email: services@ciplegit.com; URL: www.ciplegit.com Telex: +91 124 411 2422

RAJ/PAT/IP.1690/DEL/2015
August 19, 2019

Due Date: August 18, 2019

The Controller of Patents
Boudhik Sampada Bhawan
Plot No. 32, Sector 14, Dwarka,
New Delhi-110075

Kind Attention: Mr. Akshay Kumar
Controller of Patents

Sub: Response to First Examination Report

Re: Patent Application No. : 1690/DEL/2015
Filing Date : June 08, 2015
Applicant : Arpit Sharma

Dear Sir,

The reference is made to the First Examination Report dated 18th February, 2019 on the Patent application number 1690/DEL/2015.

To comply with the objections raised in the First Examination Report, we submit the following responses:

The objections in this response are attended to as per Part II of the First Examination Report –

Detailed observations on the requirements under the Act:

Objection 1 [INVENTIVE STEP]:
Claim(s) (1-11) lack(s) inventive step, being obvious in view of teaching (s) of cited document(s).

Our Submission:
Applicant respectfully traverses the said objection of the Learned Controller and submits that the present invention is inventive vis-à-vis the cited prior art.

The Learned Controller would appreciate that unlike the prior art document D1, which discloses just a electronic lock on which if someone taps, it detects the rhythm via some sort of vibration sensor and opens the door but fails to disclose a multipurpose device with a capacitive touch sensor having a conductive terminal on the exterior of the device.

Further, in the present invention the conduction terminal can detect human touch directly and indirectly. The conduction terminal is placed in direct contact with any conductive body such as metallic almirah and when the said almirah is touched by the user, the conduction device can detect when the almirah is touched. Also, when the correct rhythm is tapped on the almirah, the said device detects the rhythm and performs the activity such as ringing a siren, opening a door, calling emergency service or system etc. corresponding to the rhythm. The said device can notify the corresponding systems via wifi, Bluetooth or other protocols.

The Learned Controller would appreciate that the findings/teachings of any of the cited prior arts are no way even remotely similar to the disclosure of the present invention. And that no person skilled in the art could decipher the findings of the present invention from reading the cited prior arts.

The Learned Controller would appreciate that the explanation in the paragraphs above establishes that the present invention involves an inventive step vis-à-vis the cited prior arts. The Learned Controller is therefore requested to withdraw the said objection.

Objection 2 [SUFFICIENCY OF DISCLOSURE]:
(I) The complete specification does not fully and particularly describe the invention and its operation and the method by which it is to be performed.

Our submission:
The Applicant respectfully submits that the complete specification does fully and particularly describes the invention and its operation and the method by which it is to be performed. The possible confusion could be because of the terms ‘master’ and ‘slave’; where ‘slave’ is the actual device and ‘master; is for setting the rhythms and their corresponding activities. The rhythm can be set by mathematically writing it on the keypad attached to the master to set the rhythm as the time gap between consecutive taps such s 0-1-3-7; where it means first tap took place at 0 second, second tap after one second, third tap after three seconds and fourth tap after seven seconds. Else, this rhythm can be set by pressing ‘set’ on ‘master’ and tapping a rhythm of choice on the almirah and pressing ‘ok’ on the ‘master’. Now, master can be a separate device or a mobile phone with a dedicated app installed on it.

(II) Abstract shall be prepared as per rule 13 (7(d)) of the Patents Rules 2003 (as amended).

Our submission:

The Applicant respectfully submits the retyped Abstract has been prepared as per rule 13 (7(d)) of the Patents Rules 2003 (as amended). The Learned Controller is therefore requested to waive off the said objection.

(III) The title of the invention shall disclose the specific features of the invention within fifteen words as per rule 13(7(a)) of the Patents Rules 2003 (as amended).

Our submission:

The Applicant respectfully submits that the title of the invention does discloses the specific features of the invention within fifteen words in accordance with rule 13(7(a)) of the Patent Rules 2003 (as amended). The Learned Controller is therefore requested to waive off the said objection.

Objection 3 [SCOPE]:
Claim(s) 1-11 does/do not define the scope of invention for which the protection is claimed.

Our submission:

The Applicant respectfully submits that claims 1-11 clearly define the scope of the invention for which the protection is claimed. The Learned Controller is therefore requested to withdraw the said objection.

Objection 4 [CLARITY AND CONCISENESS]:
Claim(s) 1-11 are not clearly worded.

Our submission:

1. The Applicant respectfully submits that the independent claim 1 has been written in two-part form, the features known in the prior art have been placed in the preamble and all the inventive features of the present invention have been included in the characterizing part to comply with section 10(4(c)) of the Patents Act 1970 (as amended).
2. The Applicant respectfully traverses the said objection of the Learned Controller and submits that dependent claim 6 is clear and its technical features shall not be added in the independent claim 1.
3. The Applicant respectfully submits that as per the Patents Act it is not mandatory to include reference numerals in the claims and the amended claims are clear and concise.

   The applicant therefore requests the Learned Controller to waive off the said objection.

Objection 5 [OTHERS REQUIREMENTS]:
In case the applicant decides to amend the claims subsequent to this report, the same shall be drafted afresh to include the technical advancement over the prior art as required u/s 2(1)(ja) of the Patents Act 1970 (as amended).

Our submission:

The Applicant respectfully submits that no amendments have been made in the claims. Marked copy of the amended documents has been provided. Amended documents have been freshly typed and provided on white pages.

Therefore, the Applicant requests the Learned Controller to waive off the said objection.

Part III: [FORMAL REQUIREMENTS]:

Format of Drawings

Our submission:

1. The Applicant respectfully submits that a retyped copy of drawings containing the signature of the agent is submitted herewith to comply with Rule 15(6(iii)) of the Patents Rules 2003 (as amended).
2. Reference numeral (1024) is mentioned in the drawings in figure 1a.

Other Deficiencies

Our submission:

1. The Applicant respectfully submits that the errors in claim 9, page 4 line 28, page 5 line 21 of the complete specification of ‘salve’ instead of ‘slave’ has been corrected and submitted along with a written request followed by the prescribed fee to comply with the section 78(2) of the Patents Act 1970 (as amended). The CBR for the same is attached herewith for your reference and records.
2. Since inventor himself is the Applicant, therefore executed Form 1 is not required. However, retyped Form 1 is submitted herewith.

Statement & Under Taking (Form 3 Details)

Our submission:

Applicant respectfully submits that there is no update regarding application for Patents filed outside India for same or substantially the same invention. Thus, an updated Form 3 is not required and the application complies with clause(b) of sub section(1) of section 8 of the Patents Act 1970 (as amended) and rule 12(1) of the Patent Rules 2003 (as amended).

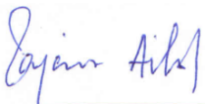
The learned controller is requested to take the present response along with the amended / revised documents on records and allow application to proceed for further allowance.

In view of the aforesaid submission and amendments, it is believed that all the requirements raised in the Examination Report have been complied with and that the present application is now in order for allowance.

In the event of any outstanding objections/requirements, applicants request an opportunity of being heard under Section 14 of the Indian Patents Act, 2005 (Amended), before taking a decision adverse to the Applicant's interest.

An early allowance to this request is respectfully requested.

Yours faithfully,



(Rajan Ailavadi)
(PA/IN 1063)
of CIP LEGIT
Attorney for the Applicant(s)

Enclosures:

1. Abstract (Marked copy)
2. Abstract (Clear copy)
3. Drawings
4. Form 1
5. CBR for Form 30

ABSTRACT

"AN APPARATUS AND METHOD OF TIME BASED PASSWORD SWITCHING BY TAPPING ON A METALLIC SURFACE"

The present invention relates to a locking arrangement (100) in order to lock a device. The locking arrangement includes a master unit (102) and a slave unit (104). The master unit (102) and the slave unit (104) are joined together through wired or wireless means. The slave device (104) is then attached to the surface of the device to be locked. Then the surface of the device is tapped in a rhythmic fashion and the rhythm is stored as a pass key for the device. If the device has to be unlocked, same rhythmic tap has to be generated.

Figure 1a

ABSTRACT

"AN APPARATUS AND METHOD OF TIME BASED PASSWORD SWITCHING BY TAPPING ON A METALLIC SURFACE"

The present invention relates to a locking arrangement (100) in order to lock a device. The locking arrangement includes a master unit (102) and a slave unit (104). The master unit (102) and the slave unit (104) are joined together through wired or wireless means. The slave device (104) is then attached to the surface of the device to be locked. Then the surface of the device is tapped in a rhythmic fashion and the rhythm is stored as a pass key for the device. If the device has to be unlocked, same rhythmic tap has to be generated.

Figure 1a

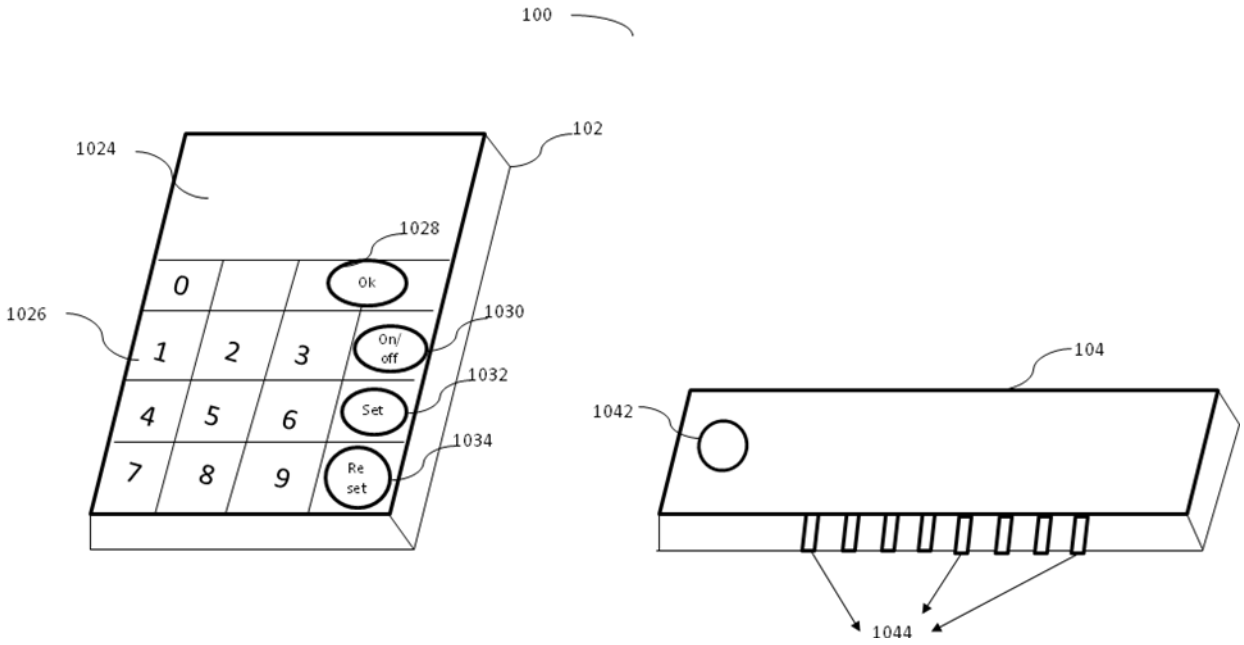


Figure 1a

[RAJAN AILAVADI]
IN/PA-1063
OF CIP LEGIT
ATTORNEY FOR THE APPLICANT

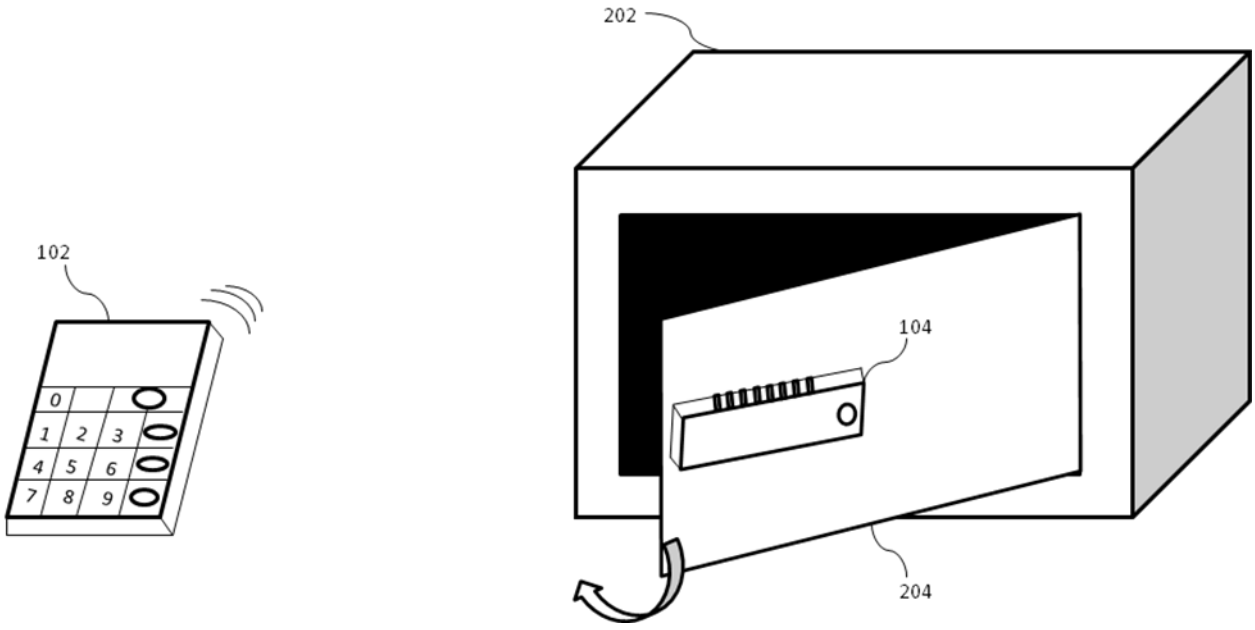


Figure 1b

[RAJAN AILAVADI]
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ATTORNEY FOR THE APPLICANT

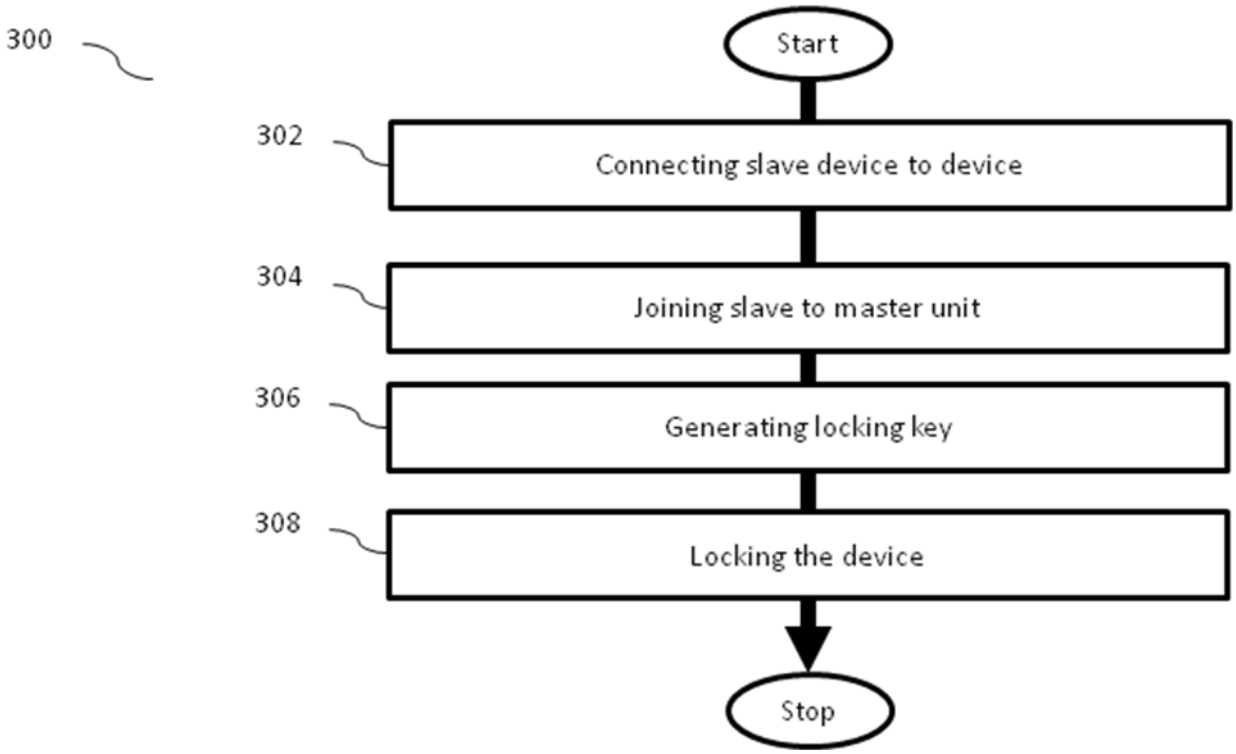

Figure 2

[RAJAN AILAVADI]
IN/PA-1063
OF CIP LEGIT
ATTORNEY FOR THE APPLICANT

FORM 1 THE PATENTS ACT, 1970 [39 OF 1970] & THE PATENTS (AMENDMENT) RULES, 2003 **APPLICATION FOR GRANT OF PATENT** [See Sections 7, 54, 135 and rule 20 (1)]	(FOR OFFICE USE ONLY) Application No : Filing Date : Amount of Fee Paid : CBR No : Signature :

1. A**PPLICANT (S)**

Name	**Nationality**	**Address**
Arpit Sharma	India	F-7/207, Kashmir Avenue, Batala Road, Amritsar, Punjab

2. **INVENTOR (S)**

Name	**Nationality**	**Address**
Arpit Sharma	India	F-7/207, Kashmir Avenue, Batala Road, Amritsar, Punjab

3. **TITLE OF THE INVENTION**

“AN APPARATUS AND METHOD OF TIME BASED PASSWORD SWITCHING BY TAPPING ON A METALLIC SURFACE”

4. **ADDRESS FOR CORRESPONDENCE OF APPLICANT/AUTHORISED PATENT AGENT IN INDIA**

CIP LEGIT *Intellectual Property Counsels* 8-306, Dharampura, Bahadurgarh – 124 507, Haryana, India	Tel: +91 837 686 8499 / +91 124 411 2422 Fax: +91 124 411 2422 Email: services@ciplegit.com

5. **PRIORITY PARTICULARS OF THE APPLICATION (S) FILED IN CONVENTION COUNTRY**

Country	**Application Number**	**Filing Date**	**Name of the applicant**	**Title of the invention**
-	-	-	-	-

6. **PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION**

International Application No.	**International Filing Date as Allotted by the Receiving Office**
-	-
7. **PARTICULARS FOR FILING DIVISIONAL APPLICATION**	
Original (First) Application No.	**Date of Filing of Original (First) Application**
Nil	Nil
8. **PARTICULARS FOR FILING PATENT OF ADDITION**	
Main Application/ Patent No.	**Date of Filing of Main Application**
Nil	Nil
9. **DECLARATIONS:**	

(i) **Declaration by the inventor(s)**

I/We, the above name 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.

Date: …….

Signature: ……

Name**: Arpit Sharma**

(ii) **Declaration by the applicant(s) in the convention country - NA**

(**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.

(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 Provisional specification relating to the invention is filed with this application.
- ✓ There is no lawful ground of objection to the grant of the Patent to me/us.
- x The application or each of the applications, particulars of which are given in Para 5 was the first application in convention country/countries in respect of my/our invention.
- x 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 has been made in a convention country before that date by me/us or by any person from which I/we derive the title.

10. **Following are the attachment with the application:**

(a) Complete specification in conformation with the International application
No. of pages: ; No. of claims:

(b) Drawing(s) in conformation with the international application, No. of sheets:

(c) Form 3 ; Form 5

(d) Power of Authority

(e) Fee INR _____ in Cash/ Cheque/ Bank Draft bearing no. _____ date _____ on _____ Bank.

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated herein are correct and I/we request that a patent may be granted to me/us for the said invention.

Dated this day of , 2015

Arpit Sharma

RAJAN AILAVADI
IN/PA-1063
of CIP LEGIT
Attorney for the Applicant(s)

THE CONTROLLER OF PATENTS,
THE PATENT OFFICE,
NEW DELHI

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

Docket No 79951

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To
RAJAN AILAVADI

UserId: ciplegit

CIP LEGIT Intellectual Property Counsels
8-306, Dharampura, Bahadurgarh- 124507

CBR Detail:

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Remarks
1	E-37/179/2019/DEL	1690/DEL/2015	800	26376	CORRECTION OF CLERICAL ERRORS	

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0000545093	Online Bank Transfer	1908190005937	800.00	1475001020000001

Total Amount : ₹ 800
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