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Patent Search

Invention Title	I-LIFT: INTELLIGENT LIFT
Publication Number	20/2019
Publication Date	17/05/2019
Publication Type	INA
Application Number	201921016572
Application Filing Date	26/04/2019
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRICAL
Classification (IPC)	B66B 1/00 B66B 5/00

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Abstract:

This Invention (I-LIFT) highly needed in smart city lift. The SMART Elevator DEVICE is the safest automatic elevator evacuation device. During Mains power ON, it continuously charges the Batteries. In the event of power failure, the device will immediately activate and supply 3-Phase, 400V, sinusoidal power to the Controller. The Controller is now energized with 3-Phase power and will run the Motor in the Up/down direction at low speed and bring the Elevator to the immediate next floor and opens the door automatically. Upon opening the doors, the trapped passengers shall exit and the device will shut the Inverter to prevent any further battery drain. When normal power resumes, the Smart device will automatically switch over the Controller to Normal Operation

Complete Specification

Claims:1. The SMART Elevator DEVICE is the safest automatic elevator evacuation device. During Mains power ON, it continuously charges the Batteries. In the event of power failure, the device will immediately activate and supply 3-Phase, 400V, sinusoidal power to the Controller. The Controller is now energized with 3-Phase power and will run the Motor in the Up/down direction at low speed and bring the Elevator to the immediate next floor and opens the door automatically. Upon opening the doors, the trapped passengers shall exit and the device will shut the Inverter to prevent any further battery drain. When normal power resumes, the Smart device will automatically switch over the Controller to Normal Operation.

2. According to claims 1# the invention is to provide the strongest backup technology to open the lift door.

3. According to claims 1# the invention , the advanced backup mounted on left and auto ON/OFF if lift supply if cut.

4. According to claims 3# the invention, the lift fellow only down Flore of current time lift position and open the lift door and stop till lift main power supply.

5. According to claims 4# the invention use very less voltage to down the lift and open the door.

, Description:[0042] The present invention satisfies the aforementioned needs by providing an improved elevator information and control system and method of operating the same

In a first aspect, the present invention provides an improved elevator information and control system which enables an user to rapidly locate a desired firm or individual. In a first embodiment, the system includes an interactive building directory having a speech recognition system and other input device such as a touch pad. The user utilizes the input device to activate the system, and then speaks the name of the firm or individual whose location is desired. A sneech generation algorithm and processor

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Government of India

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Application Details

APPLICATION NUMBER	201921016572
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/04/2019
APPLICANT NAME	1 . PROF. DR. S.B. CHORDIYA 2 . DR.DUSHYANT KUMAR SINGH 3 . DR. CHUKKA SANTHAIAH (ASSOCIATE PROFESSOR, CSE DEPT.) 4 . MRS. BHARATI K VYAS / PUROHIT 5 . MRS GAURI BHUSHAN GARUD 6 . DR.RUPESH VASUDEO BHORTAKE 7 . DR. KISHOR BHASKAR WAGHULDE 8 . PROF. TEJASWINI SUNIL BHOYE 9 . PROF .GIRISH L. ALLAMPALLEWAR 10 . PROF. APARNA VIJAY PATIL 11 . PROF.(DR.) BEG RAJ
TITLE OF INVENTION	I-LIFT: INTELLIGENT LIFT
FIELD OF INVENTION	MECHANICAL ENGINEERING
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ADDITIONAL-EMAIL (As Per Record)	dr.bksarkar2003@yahoo.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	17/05/2019

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination ➡ Disposed

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

FORM 1 THE PATENTS ACT 1970 (39 of 1970) & The Patents Rules, 2003 APPLICATION FOR GRANT OF PATENT (See sections 7, 54 & 135 and rule 20(1))	<u>(FOR OFFICE USE ONLY)</u> Application No: Filing Date Amount of Fees Paid: CBR NO: Signature:
1. APPLICANTS 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):

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3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]

Natural Person (✓)	Other than Natural Person ()		
	Small Entity ()	Startup ()	Others ()

4. INVENTOR(S): [Please tick (✓) at the appropriate category]

Are all the inventor(s) same as the applicant(s) named above?	Yes (✓)	No ()
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If "No", furnish the details of the inventor(s) **N.A**

Name	Nationality	Country of Residence	Address
NA	NA	NA	NA

5. TITLE OF THE INVENTION:

I-LIFT: INTELLIGENT LIFT

6. AUTHORISED REGISTERED PATENT AGENT(S)	NA
ADDITIONAL PATENT AGENTS	NA

7. ADDRESS FOR SERVICE OF APPLICANT/ PATENT AGENT(S) IN INDIA PROF. DR. S.B. CHORDIYA FOUNDER PRESIDENT & CHAIRMAN SURYADATTA GROUP OF INSTITUTE, SURYABHAVAN, S. NO. 342, BAVDHAN, PUNE - 411021 MAHARASHTRA, INDIA	Mobile No.: 8059794469 E-mail: dr.bksarkar2003@yahoo.in
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8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION: N.A

Country	Appln. Number	Filing Date	Name of the Applicant	Title of the Invention	IPC (as classified in the convention country)
NA	NA	NA	NA	NA	NA

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 as allotted by the receiving office.
NA	NA

10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION : N.A

Original (first) application number	Date of filing of Original (first) application
N.A.	N.A.

11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT: N.A

Main application / patent Number	Date of filing of main application
N.A.	N.A.

12. DECLARATIONS:

(i) Declaration by the Inventor:

(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).

We, the above named inventor are the true & first inventor for this invention and declare that the applicant herein is my assignee or legal representative:

NA

(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. : **N.A.**

(iii) Declaration by the applicants:

We, the applicants hereby declare that: -

1. We are in possession of the above-mentioned invention.
2. The **Complete Specification** relating to the invention is filed with this application.
3. 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 us before the grant of patent to us: **N.A.**
4. There is no lawful ground of objection to the grant of the patent to me/ us.
5. We are the assignees or legal representatives of true and first inventors:

6. The application or each of the applications, particulars of which are given in Para – 8 was the first application in convention country/countries in respect of our invention: **N.A.**
7. We claim the priority from the above mentioned application 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 us or by any person from which we derive the title: **YES**
8. Our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Para-9: **N.A.**
9. The application is divided out of our application particulars of which is given in Para-10 and prays that this application may be treated as deemed to have been filed on N.A. Under sec.16 of the Act: **N.A.**
10. The said invention is an improvement in or modification of the invention particulars of which are given in Para-11 : **N.A.**

FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

(a) Form 2

Item	Details	Fee	Remarks
Complete specification) #	No. of pages:		
Claim(s)	No. of claims: No. of pages:		
Abstract	No. of pages:		
Drawing(s)	No. of drawings: No. of pages:		

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 (2 copies) **N.A**
- (c) Sequence listing in electronic form **N.A**
- (d) Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies) **N.A**
- (e) Statement and Undertaking on Form-3
- (f) Declaration of Inventor ship on Form-5
- (g) Request For Publication Form-9 : 2750.Rs
- (h) Power of Authority

Total fee Rs/- in ~~Cash~~/ Banker's Cheque /Bank Draft bearing No.....

Date.....on..... Bank.

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

Dated this day of.....2019

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To,
The Controller of Patent,
The Patent Office, at Mumbai