

Profile Linkedin

Anil Goel

Previously he was the Founder and Creator of Wayz - A Next Generation Mobility Platform and Ways - A Next Generation Tolling Platform. Ways Tolling Platform was commercially deployed at Rajiv Gandhi Sea Link Toll Plaza in Mumbai (attached MEP letter of appreciation).

Previously he was the Founder and Creative Director of Meem Memory Cable. He was responsible for complete Product Development, Software and Hardware Development, ID and Interaction Design, Supply Chain, Manufacturing i.e. every aspect that is required to put the product into the box. He successfully converted his original concept into a fully certified product and has been granted patents for the same in EU, US and other countries.

With MEEM head office in London, Anil single handedly managed development office in Bangalore, design office in Milan and manufacturing in China. He also fostered strong relationships with top management in Toshiba, and other key partners.

Two of his innovations were Finalist in Bell Award 11th Edition (held in February 2021) in the Transport Tech Category namely Ways - Next generation tolling Platform (winner) and Wayz - Next Generation Mobility Platform (patent granted in UK and US - Notice of Allowance).

He studied Post Graduate Diploma in Film & Television from University of Bristol, UK. He also holds an MBA from JBIMS, University of Bombay, and B.E. in Civil Engineering from Delhi College of Engineering, India.

Publications & Patents

1. A method of collecting travel fares in a transport system

A Next Generation Mobility App to replace RFID card.

Priority Date: 13 April 2018

Status: **Granted in UK and US (Notice of Allowance)**. Abandoned in EU due to lack of funds and Application Pending in India.

2. System and method of operating an email service for mobile telephone

A Next Generation Messenger App with mobile number as email ID.

Priority Date: 19 December 2017

Status: **Granted in UK, India, EU (Intention to Grant) and US (Notice of allowance)**

3. Systems, methods and computer program product for operating electronic toll collection

A mobile App to prepay the toll fees for a journey and when the user vehicle arrives at the toll plaza, it is automatically recognised by its licence plate and opens the barrier gate if the toll fees has been prepaid.

Priority Date: 19 April 2017

Status: **Granted in India** Applied only in India due to lack of funds.

4. Zero no-load usb power supply and a method for controlling the power consumption of a usb power supply

A USB charger that ejects the USB cable and switch itself off as soon as the mobile device is fully charged to save the vampire power.

Priority Date: 1 October 2010

Status: **Granted in EU and US**

5. QWERTY keypad for handheld mobile computer

An ergonomic two thumb QWERTY keypad to significantly increase typing speed on mobile devices.

Priority Date: 21 November 2007

Status: Abandoned due to lack of funds

6. Cable with memory

A USB cable that back-up all the data on the mobile device in the cable itself while charging.

Priority Date: 30 October 2007

Status: **Granted in EU, US and other countries**

Attachments

- 1) Mep - Letter of Appreciation
- 2) Graham Bell - Ways Tolling Award Certificate
- 3) Graham Bell - Wayz Mobility Award Certificate
- 4) India Grant Certificate - Ways Tolling

- 5) Patent Grant Certificate - Wayz Mobility
- 6) US Patent Notice of Allowance - Wayz Mobility
- 7) Patent Grant Certificate - Xcess
- 8) EU Intention to Grant - Xcess
- 9) US Patent Notice of Allowance - Xcess
- 10) India Grant Certificate - Xcess
- 11) Red Dot Awards-MEEM
- 12) US Patent Grant Publication - MEEM
- 13) EU Patent Grant Publication - MEEM
- 14) US Patent Grant Publication - Zero No Load Power Adapter
- 15) EU Patent Grant Publication - Zero No Load Power Adapter

1. Mep - Letter of Appreciation Mep

T +91 22 6741 2222 B1 - 406, Boomerang, Chandivali Farm Road,
F +91 22 6741 2244 Near Chandivali Studio, Andheri (E), Mumbai - 400 072
E: investorrelations@mepinfra.com W: www.mepinfra.com CIN: L45200MH2002PLC136779

To Whosoever It May Concern

MEP Infrastructure has more than 18 years of experience in Toll Operations across India. Considering the complexity of the behaviour of Indian Road Users and challenges we faced every day to tackle those challenges, we worked very closely with Mr Anil Goel, who was developing the ANPR (Automatic Number Plate Reading) based toll collection system.

Based on our extensive experience in Toll Operations and working the Ways Tolling Platform, we can say that it is the best, quickest, convenient and most reliable toll collection system.

In India where there is no uniformity in vehicle number plates fonts, we achieved more than 95% accuracy in reading vehicle number plates. The system is tried and tested for a year at our RGSL toll plaza.

As per directives of MSRDC our principle employer for RGSL Toll plaza we had to stop using the Ways Tolling platform which required to implement and use Fastag RFID program only as per provision in our concessionaire agreement with MSRDC.

This event has no reflection on Ways Tolling Platform performance and Mr Anil Goel abilities to deliver on his commitments & contractual obligations to the finest degree.

We wish all the very best to Mr Anil Goel for his future ventures and look forward to work with him very soon.

Thanks

For MEP Infrastructure Developers Ltd

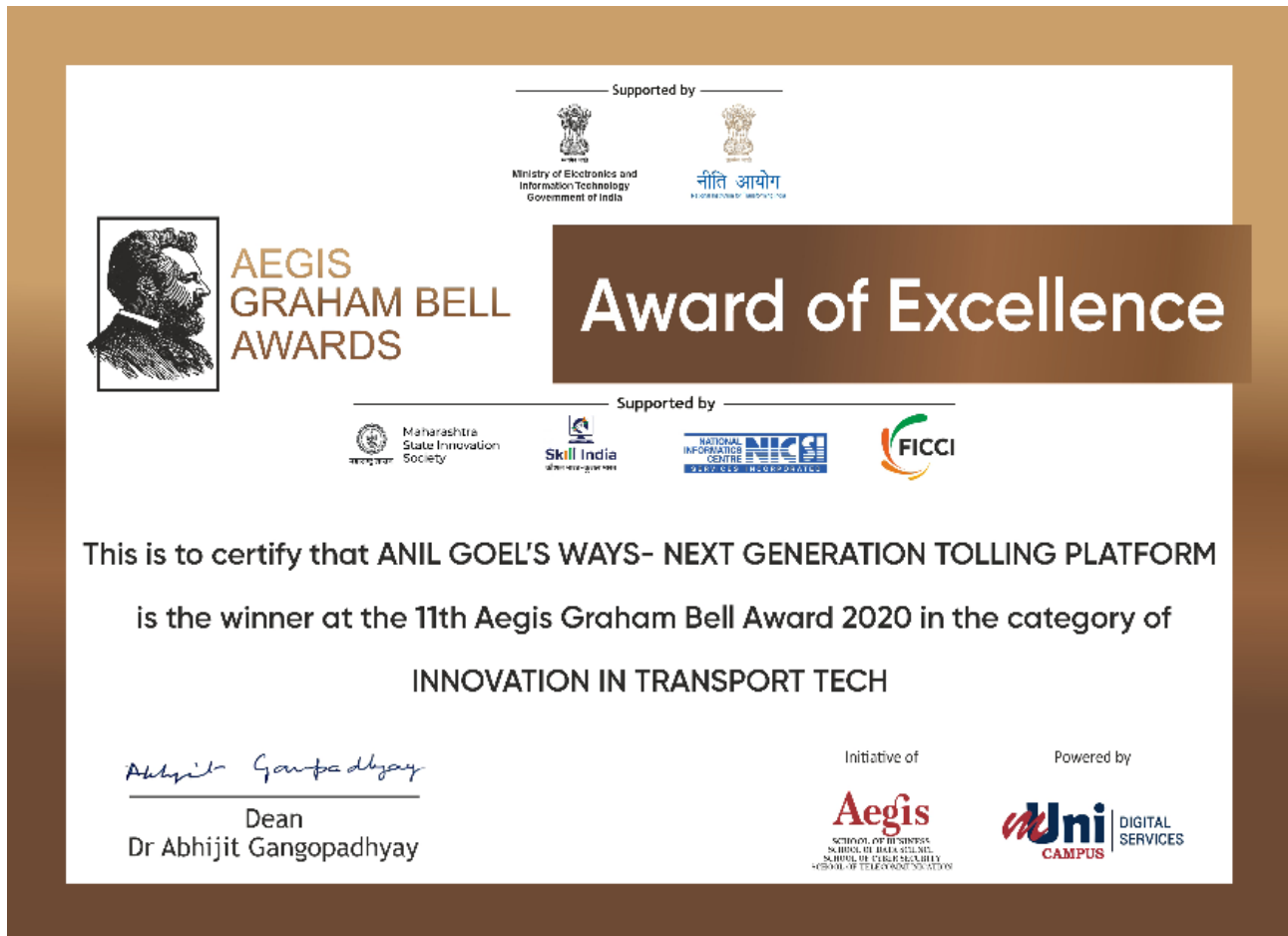


**CEO (Toll Operations)
5th May 2021**

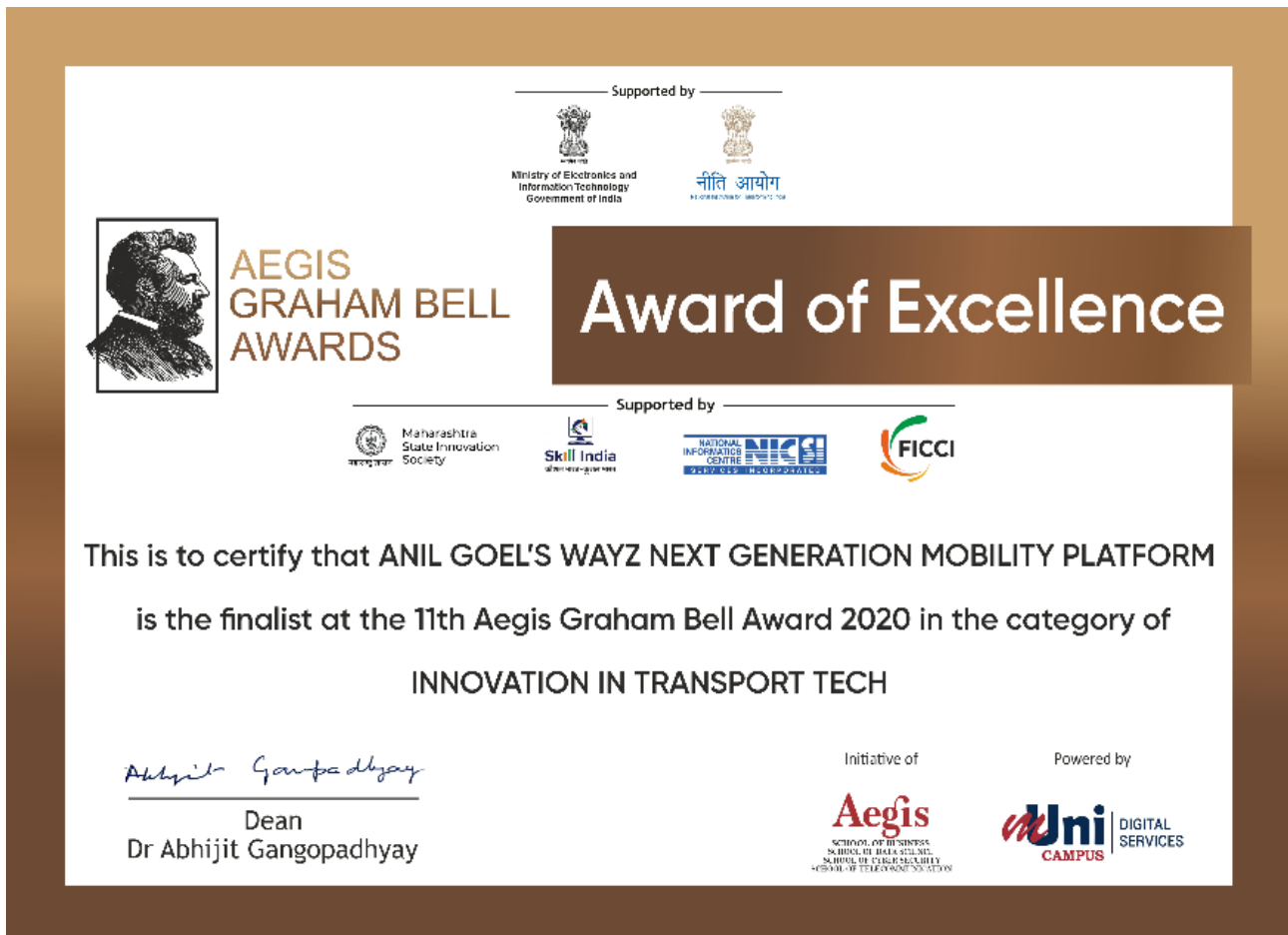


INFRASTRUCTURE
DEVELOPERS LTD.

2. Graham Bell - Ways Tolling Award Certificate



3. Graham Bell - Wayz Mobility Award Certificate



4. India Grant Certificate - Ways Tolling



INTELLECTUAL
PROPERTY OFFICE
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

क्रम सं/SL No. 011216457



पेटेंट कार्यालय, भारत सरकार
पेटेंट प्रमाण पत्र

The Patent Office, Government Of India
Patent Certificate

(पेटेंट नियमावली का नियम 74) | (Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. **554146**

आवेदन सं. / Application No. **201711013973**

फाइल करने की तारीख / Date of Filing **19/04/2017**

पेटेंटी / Patentee **ANIL GOEL**

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकरित **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCT FOR OPERATING ELECTRONIC TOLL COLLECTION** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अप्रैल 2017 के उन्नीसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCT FOR OPERATING ELECTRONIC TOLL COLLECTION** as disclosed in the above mentioned application for the term of 20 years from the 19th day of April 2017 in accordance with the provisions of the Patents Act, 1970.

अनुदान की तारीख : **11/11/2024**
Date of Grant :



डॉ. अनिल गोेल
पेटेंट नियंत्रक
Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, अप्रैल 2019 के उन्नीसवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 19th day of April 2019 and on the same day in every year thereafter.

5. Patent Grant Certificate - Wayz Mobility



Intellectual
Property
Office

Certificate of Grant of Patent

Patent Number: GB2572816

Proprietor(s): Anil Goel

Inventor(s): Anil Goel

This is to Certify that, in accordance with the Patents Act 1977,

a Patent has been granted to the proprietor(s) for an invention entitled "**A method of collecting travel fares in a transport system**" disclosed in an application filed **13 April 2018**.

Dated 23 September 2020

A handwritten signature in black ink, appearing to be 'Tim Moss'.

Tim Moss

Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.

Intellectual Property Office is an operating name of the Patent Office

6. US Patent Notice Of Allowance - Wayz Mobility



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

45812 7590 11/07/2022
Law Office of Michael D. Eisenberg
Intellectual Property Law
1991 Village Park Way
Suite 202C
Encinitas, CA 92024

EXAMINER

VO, TUYEN KIM

ART UNIT

PAPER NUMBER

2876

DATE MAILED: 11/07/2022

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/047,288	10/13/2020	Anil Goel	GOEL-P003	7451

TITLE OF INVENTION: A method of collecting travel fares in a transport system

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	MICRO	\$300	\$0.00	\$0.00	\$300	02/07/2023

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

Page 1 of 3

PTOL-85 (Rev. 02/11)

7. Patent Grant Certificate - Xcess



Intellectual
Property
Office

Certificate of Grant of Patent

Patent Number: GB2569784

Proprietor(s): Anil Goel

Inventor(s): Anil Goel

This is to Certify that, in accordance with the Patents Act 1977,

a Patent has been granted to the proprietor(s) for an invention entitled
**"System and method of operating an email service for mobile
telephones"** disclosed in an application filed **19 December 2017**.

Dated 1 January 2020

A handwritten signature in black ink, appearing to read 'Tim Moss'.

Tim Moss

Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.

Intellectual Property Office is an operating name of the Patent Office

8. EU Patent Intention to Grant - Xcess



European Patent Office
80298 MUNICH
GERMANY
Tel: +49 89 2399 0
Fax: +49 89 2399 4465



Goel, Anil
39 Manor Road
Winchester
Hampshire SO225SG
ROYAUME-UNI

Formalities Officer
Name: Eich, Martine
Tel: +49 89 2399 - 7578
or call
+31 (0)70 340 45 00

Application No. 18 833 626.7 - 1216	Ref. Xcess	Date 15.06.2021
Applicant Goel, Anil		

Communication under Rule 71(3) EPC

1. Intention to grant

You are informed that the examining division intends to grant a European patent on the basis of the above application, with the text and drawings and the related bibliographic data as indicated below.

A copy of the relevant documents is enclosed.

1.1 In the text for the Contracting States:

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT
RO RS SE SI SK SM TR

Description, Pages

1-33 as published

Claims, Numbers

1-12 received on 29-01-2021 with letter of 29-01-2021

Drawings, Sheets

1/3-3/3 as published

With the following amendments to the above-mentioned documents proposed by the division

Description, Pages 6

Comments

DESCRIPTION

Page 6: Mention of relevant prior art in the description (Rule 42(1) EPC)

Registered letter

EPO Form 2004C 07/20CXP

9. US Patent Notice Of Allowance - Xcess



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22304-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

43612 7590 08/18/2022
Law Office of Michael D. Eisenberg
Intellectual Property Law
1991 Village Park Way
Suite 202C
Encinitas, CA 92024

EXAMINER

DU, ZONGHUA A

ART UNIT PAPER NUMBER

2548

DATE MAILED: 08/18/2022

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/955,245	06/18/2020	Anil Goel	GOEL-P002	1329

TITLE OF INVENTION: System And Method Of Operating A Email Service For Mobile Telephones

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	MICRO	\$300	\$0.00	\$0.00	\$300	11/18/2022

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

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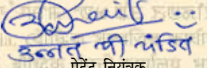
For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

10. India Grant Certificate - Xcess

 INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS		 सत्यमेव जयते		क्रम सं/SL No.: 011201859 
पेटेंट कार्यालय, भारत सरकार पेटेंट प्रमाण पत्र (पेटेंट नियमावली का नियम 74)		The Patent Office, Government Of India Patent Certificate (Rule 74 of The Patents Rules)		
पेटेंट सं. / Patent No. आवेदन सं. / Application No. फाइल करने की तारीख / Date of Filing पेटेंटी / Patentee		519522 202017030317 18/12/2018 GOEL, Anil		
प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित SYSTEM AND METHOD OF OPERATING AN EMAIL SERVICE FOR MOBILE TELEPHONES नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख दिसम्बर 2018 के अठारहवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है। It is hereby certified that a patent has been granted to the patentee for an invention entitled SYSTEM AND METHOD OF OPERATING AN EMAIL SERVICE FOR MOBILE TELEPHONES as disclosed in the above mentioned application for the term of 20 years from the 18th day of December 2018 in accordance with the provisions of the Patents Act, 1970.				
अनुदान की तारीख Date of Grant		 05/03/2024  पेटेंट नियंत्रक Controller of Patents		
टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, दिसम्बर 2020 के अठारहवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी। Note - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 18th day of December 2020 and on the same day in every year thereafter.				

11. Red Dot Awards - MEEM



reddot network
members only

User Interface Design

MEEM



← Back

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← Back

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MEEM, a charging cable and app, automatically backs up the data stored on a smartphone to the cable itself every time the phone's battery is charged. It can be used like any other charging cable, and neither a PC nor a cloud is needed. Backups according to individual settings are possible, comprising all content such as contacts, calendar, messages, photos, videos and music. Accidentally deleted items or the entire phone's state of the last backup are easily restored. In addition, the app allows data to be selectively synced between different phones.



reddot award 2016
winner

Credits

Idea:

Anil Goel, AG, Delhi

Design:

jozeph forakis ... design, Milan

Client:

MEEM Memory Ltd, London

UI_/UX Design:

Stefanija Najdovska, MEEM Memory Ltd, Milan Takumi Yoshida, Simon Drexler, Jan-Cristoph Zoels, Experientia, Turin

Design Direction:

Jozeph Forakis



Charging and Backup Cable for Smartphones and Tablets

MEEM



[← Back](#)

[Download ↓](#)

The MEEM is a patented charging cable that automatically backs up data from a smartphone or tablet onto the cable itself while charging the devices. In this way, contacts, calendar, messages or media files can be backed up and restored without computer or cloud during each charging process. It is also possible to synchronise data between different devices. The housing seamlessly blends into the connector, creating a supple shape pleasant to the touch.

Statement by the Jury

The MEEM arouses enthusiasm with its innovative approach to combine storage medium and charging cable. The user saves time and, incidentally, backs up his data.



Credits

Manufacturer:
MEEM Memory Ltd., London, Great Britain

In-house design:
MEEM Memory Ltd., London, Great Britain

Design:
jozeph forakis ... design, Milan, Italy

12. US Patent Grant Publication - MEEM



US008560865B2

(12) **United States Patent**
Goel

(10) **Patent No.:** **US 8,560,865 B2**

(45) **Date of Patent:** **Oct. 15, 2013**

(54) **CABLE WITH MEMORY**

(56) **References Cited**

(76) Inventor: **Anil Goel**, London (GB)

U.S. PATENT DOCUMENTS

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 636 days.

8,166,558 B2 *	4/2012	Meijer et al.	726/27
2003/0098670 A1	5/2003	Kobayashi	
2006/0041778 A1 *	2/2006	Lizzi et al.	714/4
2006/0158154 A1	7/2006	Maurilus	

(21) Appl. No.: **12/740,657**

FOREIGN PATENT DOCUMENTS

(22) PCT Filed: **Oct. 29, 2008**

EP	1085400 A	3/2001
EP	1158406 A	11/2001
EP	1583199 A	5/2005
JP	2004032480 A	1/2004
JP	2005057311 A	3/2005

(86) PCT No.: **PCT/EP2008/064655**

OTHER PUBLICATIONS

§ 371 (c)(1),
(2), (4) Date: **Apr. 29, 2010**

(87) PCT Pub. No.: **WO2009/056559**

PCT Pub. Date: **May 7, 2009**

International Preliminary Report on Patentability.
International Search Report, Mar. 3, 2009.

"Office Action Dated Nov. 11, 2010; European Patent Application No. 08844244.7".

"Office Action Dated Oct. 7, 2008; Danish Patent Application No. PA200800157".

"Office Action Dated Aug. 2, 2013; European Patent Application No. 08844244.7", (Aug. 2, 2013).

(65) **Prior Publication Data**

US 2010/0262845 A1 Oct. 14, 2010

* cited by examiner

(30) **Foreign Application Priority Data**

Oct. 30, 2007	(DK)	2007 01547
Feb. 5, 2008	(DK)	2008 00157

Primary Examiner — Dennis M Butler

(74) Attorney, Agent, or Firm **Blakely Sokoloff Taylor & Zafman LLP**

(51) **Int. Cl.**
G06F 1/26 (2006.01)
G06F 3/00 (2006.01)

(57) **ABSTRACT**

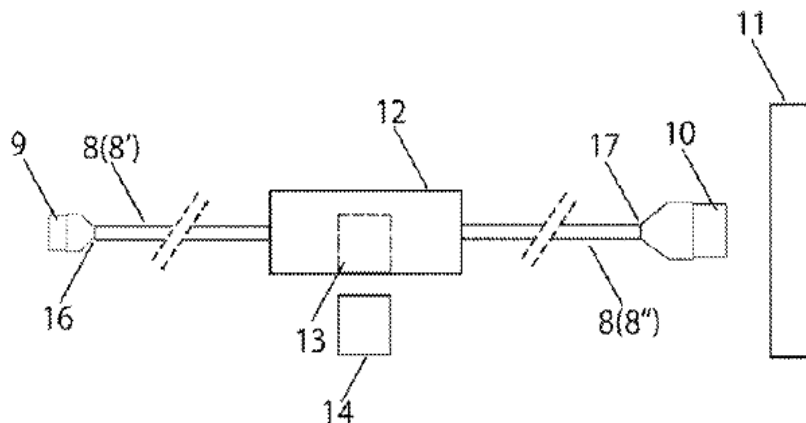
(52) **U.S. Cl.**
USPC 713/300; 710/20

A cable for providing electric power from a power source to a mobile device, the cable having a first connector at a first end of the cable for connecting the cable to a mobile device and with a second connector at a second end for connecting the cable to the power source, wherein the cable comprises a memory module for backup and bidirectional transfer of data to and from the mobile device.

(58) **Field of Classification Search**
None

See application file for complete search history.

20 Claims, 2 Drawing Sheets





US009287022B2

(12) **United States Patent**
Goel

(10) **Patent No.:** **US 9,287,022 B2**
(45) **Date of Patent:** ***Mar. 15, 2016**

(54) **CABLE WITH MEMORY**

G06F 13/00; G06F 13/16; H04M 1/72527;
H04M 2250/14; H01B 11/00; H01B 11/02;
H01B 11/05

(71) Applicant: **Anil Goel**, London (GB)

See application file for complete search history.

(72) Inventor: **Anil Goel**, London (GB)

(73) Assignee: **MEEM SL Limited**, Harrow, Middlesex (GB)

(56) **References Cited**

U.S. PATENT DOCUMENTS

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

8,166,558 B2 4/2012 Meijer et al.
2003/0098670 A1 5/2003 Kobayashi
2004/0054827 A1* 3/2004 Liu et al. 710/74

(Continued)

This patent is subject to a terminal disclaimer.

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **14/040,308**

CN 2519486 10/2002
JP 1085400 3/2001

(22) Filed: **Sep. 27, 2013**

(Continued)

(65) **Prior Publication Data**

US 2014/0032943 A1 Jan. 30, 2014

OTHER PUBLICATIONS

Related U.S. Application Data

(63) Continuation of application No. 12/740,657, filed as application No. PCT/JP2008/064655 on Oct. 29, 2008, now Pat. No. 8,560,865.

"International Preliminary Report on Patentability Dated Feb. 12, 2010; International Application No. PCT/EP2008/064655", (Feb. 12, 2010).

"International Search Report Dated Mar. 3, 2009; International Application No. PCT/JP2008/064655", (Mar. 3, 2009).

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(30) **Foreign Application Priority Data**

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(51) **Int. Cl.**

H01B 11/00 (2006.01)

G06F 11/14 (2006.01)

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(57) **ABSTRACT**

A cable for providing electric power from a power source to a mobile device, the cable having a first connector at a first end of the cable for connecting the cable to a mobile device and with a second connector at a second end for connecting the cable to the power source, wherein the cable comprises a memory module for backup and bidirectional transfer of data to and from the mobile device.

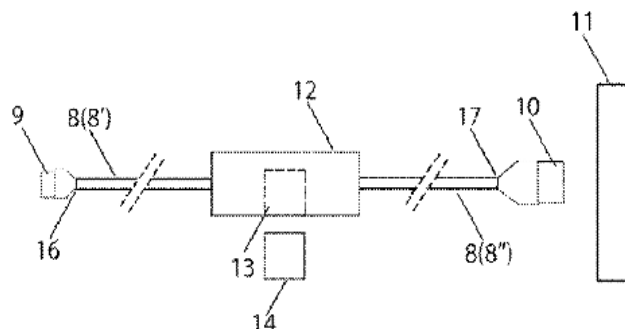
(52) **U.S. Cl.**

CPC **H01B 11/00** (2013.01); **G06F 1/1698** (2013.01); **G06F 11/1456** (2013.01); **H04M 1/72527** (2013.01); **H04M 2250/14** (2013.01)

(58) **Field of Classification Search**

CPC . G06F 1/1656; G06F 1/1698; G06F 11/1456;

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13. EU Patent Grant Publication - MEEM



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(54) **CABLE WITH MEMORY**

KABEL MIT SPEICHER

CÂBLE AVEC MÉMOIRE

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(60) Divisional application:
14189904.7

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EP 2 220 564 B1

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

14. US Patent Grant Publication - Zero No Load Power Adaptor



US009048570B2

(12) **United States Patent**
Goel

(10) **Patent No.:** **US 9,048,570 B2**

(45) **Date of Patent:** **Jun. 2, 2015**

(54) **ZERO NO-LOAD USB POWER SUPPLY AND A METHOD FOR CONTROLLING THE POWER CONSUMPTION OF A USB POWER SUPPLY**

(71) Applicant: **Anil Goel**, London (GB)

(72) Inventor: **Anil Goel**, London (GB)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 144 days.

(21) Appl. No.: **13/853,901**

(22) Filed: **Mar. 29, 2013**

(65) **Prior Publication Data**

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US 2015/0079812 A9 Mar. 19, 2015

Related U.S. Application Data

(63) Continuation of application No. PCT/EP2011/066379, filed on Sep. 21, 2011.

(30) **Foreign Application Priority Data**

Oct. 1, 2010 (DK) 2010 70422

(51) **Int. Cl.**

H01R 13/62 (2006.01)

H01R 13/703 (2006.01)

H02J 7/00 (2006.01)

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(52) **U.S. Cl.**

CPC **H01R 13/6205** (2013.01); **H01R 13/703** (2013.01); **H02J 7/0032** (2013.01); **H02J 2007/0062** (2013.01); **H05K 5/0278** (2013.01)

(58) **Field of Classification Search**

CPC H01R 13/6205; G06F 1/26

USPC 439/40, 159

See application file for complete search history.

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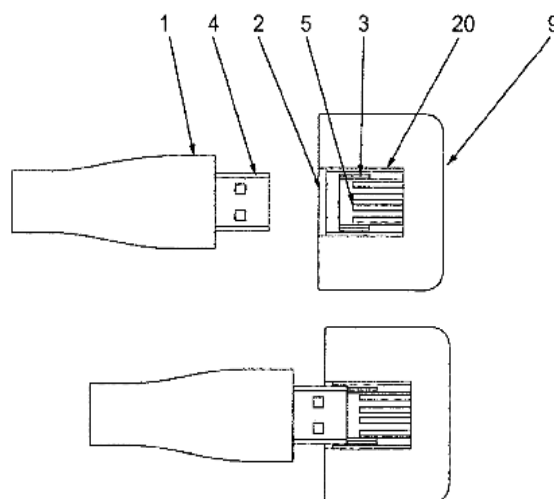
Primary Examiner — Michael Zaroli

(74) *Attorney, Agent, or Firm* — Blakely Sokoloff Taylor & Zafman LLP

(57) **ABSTRACT**

A USB socket having a receptacle that comprises first electrical connectors for receiving a USB plug having second electrical connectors that are configured for mating with the first electrical connectors further comprises at least an ejector. The ejector is electrically connected to a control unit for receiving a control signal. The ejector further having a pusher for pushing an inserted USB plug in the direction out of the receptacle to a position where the first electrical connectors are disconnected from the second electrical connectors. The pusher may be configured for activation of a push action as a consequence of receiving the control signal from the control unit.

17 Claims, 5 Drawing Sheets



15. US Patent Grant Publication - Zero No Load Power Adaptor



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(12) **EUROPEAN PATENT SPECIFICATION**

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(51) Int Cl.:
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H02J 7/00 ^(2006.01) **H01R 13/633** ^(2006.01)
H01R 13/635 ^(2006.01) **H05K 5/02** ^(2006.01)

(21) Application number: **11773419.4**

(86) International application number:
PCT/EP2011/066379

(22) Date of filing: **21.09.2011**

(87) International publication number:
WO 2012/041742 (05.04.2012 Gazette 2012/14)

(54) **ZERO NO-LOAD USB POWER SUPPLY AND A METHOD FOR CONTROLLING THE POWER CONSUMPTION OF A USB POWER SUPPLY**

NULLLAST-USB-STROMVERSORGUNG UND VERFAHREN ZUR STEUERUNG DES ENERGIEVERBRAUCHS EINER USB- STROMVERSORGUNG

ALIMENTATION ÉLECTRIQUE USB SANS VIDE ET PROCÉDÉ POUR COMMANDER LA CONSOMMATION ÉLECTRIQUE D'UNE ALIMENTATION ÉLECTRIQUE USB

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**

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(30) Priority: **01.10.2010 DK 201070422**

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(73) Proprietor: **MEEM Memory Ltd.**
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US-A1- 2001 006 401 US-A1- 2008 123 277
US-B1- 7 367 846

EP 2 622 707 B1

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