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| PATENT NUMBER (if known)   | APPLICATION NUMBER   |  |  |  |
| 8,624,550 B2   | 13/536,767   |  |  |  |
| Completed by (check one):  |  |  |  |  |
| ☐ Applicant/Inventor   | /BRYAN C. DINER/   |  |  |  |
|  | Signature  |  |  |  |
| Attorney or Agent of record 32,409   | BRYAN C. DINER   |  |  |  |
| (Reg. No.)   | Typed or printed name  |  |  |  |
| Assignee of record of the entire interest. See 37 CFR  | 3.71. 202-408-4000   |  |  |  |
| Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)   | Requester's telephone number   |  |  |  |
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| NOTE: Signatures of all the inventors or assignees of record of the entire interest signature is required, see below*.   | or their representative(s) are required. Submit multiple forms if more that one  |  |  |  |
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This collection of information is required by 37 CFR 1 363. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 5 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alex andria, VA 22313-1450. DO NOT SEND COMPLETE D FORMS TO THIS A DDRESS. SEND TO: Mail Stop M Correspondence, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| EFS ID:                              | 18251324                                  |
| Application Number:                  | 13536767                                  |
| International Application Number:    |   |
| Confirmation Number:                 | 5104                                      |
| Title of Invention:                  | MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD |
| First Named Inventor/Applicant Name: | Daniel M. FISCHER                         |
| Customer Number:                     | 93377                                     |
| Filen                                | James Albert Cooke III/Amy-Marie Gonnella |
| Filer Authorized By:                 | James Albert Cooke III                    |
| Attorney Docket Number:              | 11298.0188-08000                          |
| Receipt Date:                        | 20-FEB-2014                               |
| Filing Date:                         | 28-JUN-2012                               |
| Time Stamp:                          | 12:51:16                                  |
| Application Type:                    | Utility under 35 USC 111(a)               |

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#### New Applications Under 35 U.S.C. 111

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#### National Stage of an International Application under 35 U.S.C. 371

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#### New International Application Filed with the USPTO as a Receiving Office

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| APPLICATION NO. | ISSUE DATE | PATENT NO.                             | ATTORNEY DOCKETINO. | CONFIRMATION NO. |
|-----------------|------------|--|---------------------|------------------|
|                 | 4.44700    | ************************************** |                     | <u> </u>         |
| 13/536,767      | 01/07/2014 | 8624550                                | 11298.0188-08000    | 5104             |

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BLACKBERRY/FINNEGAN 901 New York Avenue NW Washington, DC 20001

#### ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

#### Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Daniel M. FISCHER, Waterloo, CANADA; Dan G. Radut, Waterloo, CANADA; Michael F. Habicher, Toronto, CANADA; Quang A. Luong, Missisauga, CANADA; Jonathan T. Malton, Kitchener, CANADA;

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1R103 (Rev. 10/09)

FISI00001742

Application No.: 13/536,767

Attorney Docket No.: 11298.0188-08000

[0044] Optionally, the USB adapter 100 could also transfer energy from the power converter 104 to the auxiliary USB connector 112 thereby providing a device coupled to the auxiliary USB connector 112 with power. In this arrangement, the identification subsystem 108 could also provide an identification signal to the device coupled to the auxiliary USB connector 112 to inform [[that]]the device that the power source is not a USB limited source.

Change(s) applied to document,
/JH/
12/13/2013

Please amend paragraph [0048] of the description as published as follows:

the Vbus line of the USB connector 54 via the USB port 18. At step 220, the mobile device checks the state of the D+ and D- lines of USB connector 54. In the example shown in the drawings, the D+ and D- lines are compared to a 2V reference. Also, in this example, the identification subsystem 108 of the USB adapter 100 may have applied a logic high signal, such as +5V reference, to both the D+ and D- lines to identify the attached device as a USB adapter 100. If the voltages on both the D+ and D- lines of the USB connector are greater than 2 Volts (step 220), then the mobile device 10 determines that the device connected to the USB connector 54 is not a typical USB host or hub and that a USB adapter 100 has been detected (step 230). The mobile device 10 can then charge the battery or otherwise use power provided via the Vbus and Gnd line-sinlines in the USB connector 54 (step 260) without waiting for enumeration.

Receipt date: 06/28/2012 13536767 - GAU: 2859

#### Unknown **Application Number** June 28, 2012 Filing Date INFORMATION DISCLOSURE Daniel M. Fischer First Named Inventor STATEMENT BY APPLICANT Unknown Art Unit (Not for submission under 37 CFR 1.99) Unknown Examiner Name 11298.0188-08000 Attorney Docket Number Milley et al. 2004-05-18 28 6738856 2007-01-02 Takahashi et al. 7159132 Veselic 2007-01-30 7170259 30 2008-03-04 Harvey 7340627 31 2009-12-08 Kang 7629767 32 Monks et al. 2009-12-08 7631111 2010-04-13 Terrell, II 7698490 34 Fischer, et al. 2010-06-15 7737657 35 2010-10-12 Bayne et al. 7812565 36 2011-02-08 Purdy et al. 7884570 37 2011-07-26 Fischer et al. 7986127 38 November 16, 2010 2010-02-20 Fischer et al. 7834586 Charge (5) applied to document, 1100 A 25 U.S. PATENT APPLICATION PUBLICATIONS Pages, Columns, Lines Name of Patentee or Applicant Publication Kind Cite 1 1/18xacroiner where Relevant Passages **Publication Date** of cited Document Code<sup>1</sup> Initial\* No Number or Relevant Figures Appear Gilbert 2001-06-07 2001/0003205 Shamoon et al. 2003-02-20 2003/0034898 Akam et al. 2004-04-01 2004/0063464 3 Veselic 2004-12-16 2004/0251878 4 2005-12-08 Drader et al. 5 2005/0269883 15500 2006-08-17 Veselic 2006/0181241 6 2007-05-17 Veselic 2007/0108938 Purdy et al. 2009-05-21 2009/0128091 8 Englund 2009-05-21 2009/0130874 9 2010-03-04 Wong 2010/0052620 10 Kung et al. 2010-03-11 2010/0060233 11 Lindholm 2010-08-12 2010/0201308 12 2004-12-16 Veselic 2004/0251878 13

EFS Web 2.1.17

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ET/

FISI00001744

#### PART B - FEE(S) TRANSMITTAL

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| 13/536,767   | 06/28/2012   |                                       | Daniel M. FISCHER   |   | 112                                  | 98.0188-08000  | 5104   |
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| Application Number:                      | 3536767   |  |  |  |
| Filing Date:                             | 28-Jun-2012   |  | 74   | 10000 1000<br>14 <sub>10</sub>   |
| Title of Invention:                      | MULTIFUNCTIONAL   | HARGER SYSTE                           | M AND METHOD   |  |
| First Named Inventor/Applicant Name:     | Daniel M. FISCHER   |  |  |  |
| Filer:                                   | James Albert Cooke III/Amy-Marie Gonnella   |  |  |  |
| Attorney Docket Number: 11298.0188-08000 |   |  |  |  |
| Filed as Large Entity                    | **************************************  | ************************************** |  |  |
| Utility under 35 USC 111(a) Filing Fees  |   | .b                                     | **************************************   |  |
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|  | Application Number:            | 13536767                   |  |   |  |  |  |  |
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| <u> </u>                               | Confirmation Number:           | 5104                       |  |   |  |  |  |  |
|  | Title of Invention:            | MULTIFUNCTIONAL CHA        | RGER SYSTEM AND METHO                                      |   |  |  |  |  |
| First                                  | Named Inventor/Applicant Name: | Daniel M. FISCHER          |  |   |  |  |  |  |
| ************************************** | Customer Number:               | 93377                      | 93377  |   |  |  |  |  |
|  | Filer:                         | James Albert Cooke III/A   | James Albert Cooke III/Amy-Marie Gonnella                  |   |  |  |  |  |
| . A second                             | Filer Authorized By:           | James Albert Cooke III     | James Albert Cooke III                                     |   |  |  |  |  |
| gagii (* samu                          | Attorney Docket Number:        | 11298.0188-08000           | 11298.0188-08000<br>04-DEC-2013<br>28-JUN-2012<br>11:07:16 |   |  |  |  |  |
|  | Receipt Date:                  | 04-DEC-2013                |  |   |  |  |  |  |
|  | Filing Date:                   | 28-JUN-2012                |  |   |  |  |  |  |
|  | Time Stamp:                    | 11:07:16                   |  |   |  |  |  |  |
|  | Application Type:              | Utility under 35 USC 111   | Utility under 35 USC 111(a)                                |   |  |  |  |  |
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



### 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.aspto.gov

| APPLICATION NO.                             | FILING DATE   | FIRST NAMED INVENTOR                   | ATTORNEY DOCKET NO.  | CONFIRMATION NO.        |
|---|---|--|----------------------|-------------------------|
| 13/536,767                                  | 06/28/2012  | Daniel M. FISCHER                      | 11298.0188-08000     | 5104                    |
| 93377<br>BLACKBERR                          | 7590 12/02/2013<br>V/ETNINE/CLANI   |  | EXAM                 | INER                    |
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

regional-desk@finnegan.com
portfolioprosecution@blackberry.com
annie.wong@finnegan.com

PTOI-90A (Rev. 04/07)

|  | Application No.   | Applicant(s)   |
|--|---|--|
|  | 13/536,767  | FISCHER ET AL.   |
| Response to Rule 312 Communication   | Examiner  | Art Unit   |
|  | EDWARD TSO  | 2859   |
| The MAILING DATE of this communication a   | ppears on the cover sheet v   | vith the correspondence address –  |
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| ☑ The amendment filed on 19 November 2013 under 37 (   | CFR 1.312 has been considere  | ed, and has been:  |
| a) 🔀 entered.  |   |  |
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|  | Primary Examiner,   | Art Unit 2859  |
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OK TO ENTER: /ET/

11/25/2013

PATENT Customer No. 93377 Attorney Docket No. 11298.0188-08000

# IN THE UNITED STATES PATENT AND TRADEWARK OFFICE

| In re Application of:                          | <b>)</b>                              |
|--|---------------------------------------|
| Daniel M. FISCHER et al.                       | Group Art Unit: 2859                  |
| Application No.: 13/536,767                    | ) Examiner: Edward H. Tso             |
| Filed: June 28, 2012                           | Notice of Allowance dated: 09/05/2013 |
| For: MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD | Confirmation No.: 5104                |

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir

#### AMENDMENT AFTER ALLOWANCE

Mail Stop: Issue Fee

Pursuant to 37 C.F.R. § 1.312 and subject to the recommendation of the

Examiner and the approval of the Director, and without withdrawing the case from issue,

kindly amend the subject application as follows:

Amendments to the Specification are included in this paper.

Amendments to the Claims are reflected in the listing of claims in this paper.

Remarks/Arguments follow the amendments sections of this paper.

PATENT Customer No. 93377 Attorney Docket No. 11298.0188-08000

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Daniel M. FISCHER et al.

Application No.: 13/536,767

Filed: June 28, 2012

For: MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD

Confirmation No.: 5104

Mail Stop: Issue Fee

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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#### AMENDMENT AFTER ALLOWANCE

Pursuant to 37 C.F.R. § 1.312 and subject to the recommendation of the Examiner and the approval of the Director, and without withdrawing the case from issue, kindly amend the subject application as follows:

Amendments to the Specification are included in this paper.

Amendments to the Claims are reflected in the listing of claims in this paper.

Remarks/Arguments follow the amendments sections of this paper.

FISI00001754

#### AMENDMENTS TO THE SPECIFICATION:

Please amend the published specification (US Publication No. 2012/0293113) as follows:

Please amend paragraph [0001] of the description as published as follows: [0001] This is a continuation application of U.S. Patent Application No. 13/175,509, filed July 1, 2011, now U.S. Patent No. 8,232,766, issued on July 31, 2012, by Daniel M. Fischer, et al. and entitled "Multifunctional Charger System and Method," which is a continuation of U.S. Patent Application No. 12/905,934, filed October 15, 2010, now U.S. Patent No. 7,986,127, issued on July 26, 2011, by Daniel M. Fischer, et al. and entitled "Multifunctional Charger System and Method," which is a continuation of U.S. Patent Application No. 12/714,204, filed February 26, 2010, by Daniel M. Fischer, et al. and entitled "Multifunctional Charger System and Method," which is a continuation of U.S. Patent Application No. 12/268,297, filed November 10, 2008, now U.S. Patent No. 7,737,657 issued on June 15, 2010, by Daniel M. Fischer, et al. and entitled "System and Method for Charging a Battery in a Mobile Device," which is a continuation of U.S. Patent Application No. 11/749,680, filed May 16, 2007, now U.S. Patent No. 7,453,233 issued on November 18, 2008, by Daniel M. Fischer, et al. and entitled "Adapter System and Method for Powering a Device," which is a continuation of U.S. Patent Application No. 11/175,885, filed on July 6, 2005, now U.S. Patent No. 7,239,111 issued on July 3, 2007, by Daniel M. Fischer, et al. and entitled "Universal Serial Bus Adapter for a Mobile Device," which is a continuation of U.S. Patent Application No. 10/087,629, filed March 1, 2002, now U.S. Patent No. 6,936,936 issued on August 30,

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Application No.: 13/536,767

Attorney Docket No.: 11298.0188-08000

2006, by Daniel M. Fischer, et al. and entitled "Multifunctional Charger System and Method," which claims priority from U.S. Provisional Application no. 60/273,021, filed March 1, 2001, by Daniel M. Fischer, et al. and entitled "System and Method for Adapting a USB to Provide Power for Charging a Mobile Device" and U.S. Provisional Application No. 60/330,486, filed October 23, 2001, by Daniel M. Fischer, et al. and entitled "[[m]]Multifunctional Charger System and Method." Each of the above patent applications is hereby incorporated herein by reference in its entirety for all purposes.

Please amend paragraph [0030] of the description as published as follows:

[0030] The exemplary power subsystem 20 comprises a charging and power distribution subsystem 58 and a battery 60. The charging and power distribution subsystem 58 performs many functions. It may be used to transfer energy to the battery 60 from the external data/power source 56 to charge the battery 60 and also to distribute power to the many power-requiring components within the mobile device 10. The charging subsystem 58 may be capable of determining the presence of a batter battery 60 and/or a power circuit coupled to the mobile device 10, such as an AC adapter, USB connection, or car adapter, which alternatively can act as power sources 56 to provide power for the mobile device 10 and to charge the battery 60. Additionally, the charging subsystem 58 may have the ability to determine if a power source 56 is coupled to the mobile device 10 and, in the absence of such a coupling, cause the mobile device 10 to be powered by the battery 60.

Please amend paragraph [0044] of the description as published as follows:

Application No.: 13/536,767

Attorney Docket No.: 11298.0188-08000

[0044] Optionally, the USB adapter 100 could also transfer energy from the power converter 104 to the auxiliary USB connector 112 thereby providing a device coupled to the auxiliary USB connector 112 with power. In this arrangement, the identification subsystem 108 could also provide an identification signal to the device coupled to the auxiliary USB connector 112 to inform [[that]]the device that the power source is not a USB limited source.

Please amend paragraph [0048] of the description as published as follows:

[0048] At step 210, the mobile device 10 detects the presence of a voltage on the Vous line of the USB connector 54 via the USB port 18. At step 220, the mobile device checks the state of the D+ and D- lines of USB connector 54. In the example shown in the drawings, the D+ and D- lines are compared to a 2V reference. Also, in this example, the identification subsystem 108 of the USB adapter 100 may have applied a logic high signal, such as +5V reference, to both the D+ and D- lines to identify the attached device as a USB adapter 100. If the voltages on both the D+ and D- lines of the USB connector are greater than 2 Volts (step 220), then the mobile device 10 determines that the device connected to the USB connector 54 is not a typical USB host or hub and that a USB adapter 100 has been detected (step 230). The mobile device 10 can then charge the battery or otherwise use power provided via the Vbus and Gnd line-sinlines in the USB connector 54 (step 260) without waiting for enumeration.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the

application:

1-10. (Canceled)

condition is a current limit.

11. (Previously Presented) An adapter comprising:

a USB VBUS line and a USB communication path,

said adapter configured to supply current on the VBUS line without regard to at least one associated condition specified in a USB specification.

12. (Previously Presented) The adapter of claim 11, wherein said associated

13. (Previously Presented) The adapter of claim 11, wherein said current is supplied without USB enumeration.

14. (Previously Presented) The adapter of claim 11, wherein said current is supplied in response to an abnormal data condition on said USB communication path.

15. (Previously Presented) The adapter of claim 14, wherein said USB communication path includes a D+ line and a D- line.

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16. (Previously Presented) The adapter of claim 15, wherein said abnormal data condition is an abnormal data line condition on said D+ line and said D- line.

- 17. (Previously Presented) The adapter of claim 16, wherein said abnormal data line condition is a logic high signal on each of said D+ and D- lines.
- 18. (Previously Presented) The adapter of claim 17, wherein each said logic high signals is greater than 2V.
- 19. (Previously Presented) The adapter of claim 12, wherein said current limit is 500mA.
  - 20. (Previously Presented) An adapter comprising:
  - a USB VBUS line and a USB communication path,

said adapter configured to supply current on the VBUS line without regard to at least one USB Specification imposed limit.

- 21. (Previously Presented) The adapter of claim 20, wherein said USB Specification imposed limit is a current limit.
- 22. (Previously Presented) The adapter of claim 20, wherein said current is supplied without USB enumeration.

- 23. (Previously Presented) The adapter of claim 20, wherein said current is supplied in response to an abnormal data condition on said USB communication path.
- 24. (Previously Presented) The adapter of claim 23, wherein said USB communication path includes a D+ line and a D- line.
- 25. (Previously Presented) The adapter of claim 24, wherein said abnormal data condition is an abnormal data line condition on said D+ line and said D- line.
- 26. (Previously Presented) The adapter of claim 25, wherein said abnormal data line condition is a logic high signal on each of said D+ and D- lines.
- 27. (Currently Amended) The adapter of claim 26, wherein each said logic high signal is greater than [[2 V]]2V.
- 28. (Previously Presented) The adapter of claim 21, wherein said current limit is 500mA.

#### REMARKS

The above-identified application was allowed in the Notice of Allowance mailed September 5, 2013. The issue fee has not been paid.

Subsequent to the receipt of the Notice of Allowance, applicant noted several clerical errors in the published application (US Publication No. 2012/0293113). The requested amendments are submitted to correct the minor clerical errors. The amendment to claim 27 is to correct a typographical error made during printing of the published application.

Each of the requested amendments is fully supported by the specification and drawings, will not require an additional search, and does not raise new issues.

Therefore, Applicant respectfully requests that this Amendment be entered and the requested changes made.

Please grant any extensions of time required to enter this response and charge any additional required fees to deposit account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: November 19, 2013

By: <u>Mi Yu/</u> Yi Yu Reg. No. 69,397 (571) 203-2700

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| Electronic Ack                       | cnowledgement Receipt                     |
|--------------------------------------|---|
| EFS ID:                              | 17447699                                  |
| Application Number:                  | 13536767                                  |
| International Application Number:    |   |
| Confirmation Number:                 | 5104                                      |
| Title of Invention:                  | MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD |
| First Named Inventor/Applicant Name: | Daniel M. FISCHER                         |
| Customer Number:                     | 93377                                     |
| Filer:                               | YI YU/Mitty Watters                       |
| Filer Authorized By:                 | YIYU                                      |
| Attorney Docket Number:              | 11298.0188-08000                          |
| Receipt Date:                        | 19-NOV-2013                               |
| Filing Date:                         | 28-JUN-2012                               |
| Time Stamp:                          | 18:19:29                                  |
| Application Type:                    | Utility under 35 USC 111(a)               |

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| <sup>MC</sup> .00 | Specification                                       | 22    | 4   |
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|                   | Applicant Arguments/Remarks Made in an Amendment    | 8     | 8   |

#### Warnings:

#### Information:

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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

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PATENT Customer No. 93377 Attorney Docket No. 11298.0188-08000

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of:                          | <b>)</b>                    |
|--|-----------------------------|
| Daniel M. FISCHER et al.                       | Group Art Unit: 2859        |
| Application No.: 13/536,767                    | Examiner: Edward H. Tso     |
| Filed: June 28, 2012                           | )<br>Confirmation No.: 5104 |
| For: MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD | ) Mail Stop: Issue Fee      |
|  |                             |

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir

#### RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

In response to the Notice to File Application Papers mailed October 18, 2013, Applicants submit a Petition for Filing by Other Than All Inventors Under 37 C.F.R. § 1.47 and Declaration of David B. Cochran in support of the petition.

Please grant any extensions of time required to enter this response and charge any additional required fees to deposit account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: November 4, 2013

By: /Yi Yu/

Yi Yu

Reg. No. 69,397

(571) 203-2700

FISI00001764

2005 - 200 END 1001/2002 to parada are required to respond to a collection of information unfamily acres a velid OMS control member. 555255012294 Attorney Docket Number DECLARATION FOR UTILITY OR Daniel M. FISCHER First Named Inventor DESIGN COMPLETE IF KNOWN PATENT APPLICATION 087/629 (37 CFR 1.63) Application Number March 01/02 Filing Date LL Declaration Declaration . Submitted after initial Submitted Group Art Unit Filing (aurcharge with Initial (37 CFR 1.16 (e)) Filing Exeminar Nama required) As a below named inventor, thereby declars that: My residence, mailing address, and clitzenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: multifunctional charger system and method (Title of the Invention) the specification of which is attended herato S003/10/E0 (YYYYGGWM) no bell saw sa United States Application Number of PCT International end was amended on (MM/DD/YYYY) Application Number 10/087,629 (if applicable), I hereby state that I have reviewed and understand the contents of the above Identified specification, including the claims, as amended by any amendment specifically referred to above. i acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR: 1.58, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or FCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. (19(a)-(d) or (f), or 365(b) of any foreign application(a) for patent, inventor's or plant breeder's rights cartificate(a), or 365(a) of any PCT international application visits designated at least one country other than the United States of America, itsed below and have elso identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights cartificate(a), or any PCT international application having a filing date before that of the application on which priority is claimed. Phonty Foreign Filling Date Certified Copy Attached? Prior Foreign Application Country Not Claimed Number(s) (ALALICICIUM)

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Burden Hour Statement: This form is estimated to take 21 minutes to complete. This will very depending upon the needs of the individual case. Any comments on the smount of time you are required to complete this form should be sent to the Chief information Officer, U.S. Patent and Trademerk Office, Washington, DC 20231. NO NOT SEND FRES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, OC 20231.

[Page 1 of 2]

Additional foreign epplication numbers are listed on a supplemental priority data aftest PTO/SB/DBB attached hereto:

PTO/SEROY (83-01)

PTO/SE/01 (02-01) Approved for use through 10/31/2002, OMB 0851-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paparwork Reduction Act of 1995, no persons are required to respond to a collection of transmission emissed to contain a waild Old Control number. DECLARATION --- Utility or Design Patent Application **Customer Number** \*\* Correspondence address below Direct at correspondence to: CH or Bar Code Label F. Drexel Feeling, Esq. Jones, Day, Reavis & Pogua Address North Point, 901 Lakeside Avenue City Cieveland Ohlo 44114-1190 Sitato (216) 579-0212 (216) 586-3939 USA Talaphona Country I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and balist are believed to be lust; and further that these statements were made with the knowledge that willful false statements and the like so made are purishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued insteam. A petition has been filed for this unsigned inventor NAME OF SOLE OR FIRST INVENTOR: Given Name Daniel M. FISCHER Family Name (first and middle fif enyl) or Sumama inventor's Sc (25, 1 mily end Manatura Canadian CANADA Ontario Waterloo Rosidanca: City Country Simio Cilizonahlp 295 Phillip Street . . . Mailing Address NST 3M8 CANADA Waterloo Ontario State Country No. A pattion has been flied for this uneigned inventor NAME OF SECOND INVENTOR: Given Name Dan G. Family Marrie HADUT (first and middle (if any)) de grenouse inventor's Date Signatura CANADA Waterloo Ontario Canadian Residence: City Country Citizenship Simon 295 Phillip Street Malling Address MST 3M8 CANADA Waterloo Ontario Country City Additional Inventors are being named on the 2.... supplements) Additional Inventor(s) shoel(s) PTO/5B/02A attached hereto.

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(Page 2 of 2)

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U.S. Petent and Trademark Office; U.S. DEFARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1895, no persons are required to respond to a collection of information Action as a verd OMS control number.

| DECLARATION  |  |  | ADDITIONAL INVENTOR(5) Supplemental Sheet Fage 1 of 2  |  |
|--|--|--|--|--|
| Name of Additional Joint Invento   |  | ammunammunammunammunammunammunammunammu  | n filed for this unsigned inventor   |  |
| Wichest F. Given   |  | HABICHER  Survivors  |  |  |
| inventor's Signature   | A STATE OF THE PARTY OF THE PAR |  | Zecz-Feb-Z5,<br>Onlo   |  |
| · Cambridge  | Ontario  | CANADA   | Canadian   |  |
| Residence: City  | State  | Country  | Citizenship  |  |
| 295 Phillip Street<br>Mailing Address  | inna analana kanania ahilika a   | on the second was to be the trade of the land of the l | ······································   |  |
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| lame of Additional Joint inventor, if any:    Classificational Joint inventor, if any:   Classification has been fied for this unsigned inventor    Classification has been fied for this unsigned inventor    LUCNG   |  | ,如此是此代,此时,他们是一个人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的  |  |  |
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| Kilchener Committee  | Ontario  | CANADA   | Canadian '   |  |
| Residence: City<br>295 Phillip Street<br>Mailing Address   | ESSE LO  | COUNTY   | CHIEFISHID   |  |
| Mailing Address  |  |  |  |  |
| Mailing Address<br>Waterloo  | Ontario  | NST 3M8  | CANADA   |  |
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| Name of Additional Joint Invento   | rancoara rancoalimentana   | [] A polltion has been f   | lad for this unsigned inventor   |  |
| Joriethen T.   | MALTON   |  |  |  |
| Givan<br>Name  | ». A A   | Family Name<br>  or Surname  |  |  |
| Signature Company of the Signature of th |  | ······································   | Deta Fulo 28/2002  |  |
| Kitchener  | Ontario  | CANADA   | Canadian   |  |
| Residence: City<br>295 Philip Sireet<br>Mailing Address  |  | CONTRACTOR OF THE PROPERTY OF  | CHEBRISH D   |  |
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| Vielenoo   | Ontario  | NRL SWB  | CANADA   |  |
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COMMISSIONER FOR FATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
WWW.uspiggo.www.

Paper No. 4

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SEP 0 9 2002

OFFICE OF PETITIONS

DECISION GRANTING STATUS UNDER 37 CFR 1.47(a)

F. Drexel Feeling, Esq. Jones, Day, Reavis & Fogue 901 Lakeside Avenue/North Point Cleveland, OH 44114

In re Application of
Fischer, et al.
Application No. 10/087,629
Filed: March 1, 2002
Attorney Docket No. 555255012294
For: MULTIFUNCTIONAL CHARGER SYSTEM:
AND METHOD

This is in response to the petition under 37 CFR 1.47(a), filed August 5, 2002.

The petition is GRANTED.

Petitioner has shown that inventor Dan G. Radut has refused to join in the filing of the above-identified application after having been presented with the application papers.

The above-identified application and papers have been reviewed and found in compliance with 37 CFR 1.47(a). This application is hereby accorded Rule 1.47(a) status.

As provided in Rule 1.47(c), this Office will forward notice of this application's filing to the non-signing inventor at the address given in the petition. Notice of the filing of this application will also be published in the Official Gazette.

After this decision is mailed, the above-identified application will be returned to the Office of Initial Patent Examination for further processing.

Telephone inquiries related to this decision may be directed to the undersigned at (703) 305-0310.

Petitions Attorney Office of Petitions

Office of the Deputy Commissioner for Patent Examination Policy

FISI00001768





COMMISSIONER FOR FATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231

DAN G. RADUT
300 REGINA STREET, NORTH
BUILDING 1, APT. 1207
WATERLOO, ONTARIO N2J 3B8
CANADA

COPY MAILED

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SEP 0 9 2002

In re Application of
Fischer, et al.
Application No. 10/087,629
Filed: March 1, 2002
Attorney Docket No. 555255012294
For: MULTIFUNCTIONAL CHARGER SYSTEM:
AND METHOD

OFFICE OF PETITIONS

Dear Sir:

You are named as an inventor in the above-identified United States patent application filed under the provisions of 35 U.S.C. 116 (United States Code) and 37 C.F.R. § 1.47(a), Rules of Practice in Patent Cases. Should a patent be granted on the application you will be designated therein as a joint inventor.

As a named inventor you are entitled to inspect any paper in the file wrapper of the application, order copies of all or any part thereof (at a prepaid cost as per 37 C.F.R. § 1.19) or make your position of record in the application. Alternatively, you may arrange to do any of the preceding through a registered patent attorney or agent presenting written authorization from you. If you care to join the application, counsel of record (see below) would presumably assist you. Joining in the application would entail the filing of an appropriate oath or declaration by you pursuant to 37 C.F.R. § 1.63.

Telephone inquiries regarding this communication should be directed to the undersigned at (703) 305-0310. Requests for information regarding your application should be directed to the File Information Unit at (703) 308-2733. Information regarding how to pay for and order a copy of the application, or a specific paper in the application, should be directed to Certification Division at (703) 308-9726 or 1-800-972-6382 (outside the Washington D.C. area).

Petitions Attorney
Office of Petitions

Office of the Deputy Commissioner for Patent Examination Policy

CC: F. Drexel Feeling, Esq.
Jones, Day, Reavis & Poque
901 Lakeside Avenue/North Point
Cleveland, OH 44114

FISI00001769

#### PATENT

Attorney Docket No. 555255012294

#### IN THE HIMTER BETATES PATENT AND TRADEMARK OFFICE

In re application of

Daniel M. Fischer, Dan G. Radut, Michael F. Habicher, Quang A.

Luong, Jonathan T. Malton

Serial No.:

10/087,629

Wiles!

March 1, 2002

Frie.

MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD

Art Unit:

Not yet assigned

Examiner:

Not yet assigned

ASSISTANT COMMISSIONER OF PATENTS WASHINGTON, D.C. 20231

### PETITION FOR FILING BY OTHER THAN ALL THE INVENTORS UNDER 37 CFR § 1.47

In accordance with 37 CFR § 1.47 and MPEP §409.03(a) and (d), applicants Fischer, Habicher, Luong, and Malton hereby petition the Assistant Commissioner to accept the filing of this patent application on behalf of themselves and the joint inventor, Dan G. Radut, who refuses to join in the application for patent. The petition fee of \$130 under 37 CFR § 1.17(I) accompanies this petition.

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 2023 I on the date indicated below.

<u>Debra L. Pejeau</u>

Name

July 29, 2002.

Date

Signatur

Page 1 of 2

CL-592976v1

As required by MPEP § 409.03(d), applicants enclose herein proof of the refusal of Mr. Radut to execute the application papers, in the form of a Declaration of David B. Cochran to whom the refusal to sign was made. In the Declaration, Mr. Cochran states that a bona fide attempt was made to present a copy of the application papers to Mr. Radut, and that Mr. Radut refused to sign the application papers. The Declaration by Mr. Cochran is deemed by the applicants to be sufficient proof of the refusal of Mr. Radut to sign.

In accordance with MPEP § 409.03(a) and (d), a Declaration signed by Messrs/Mmes. Fischer, Hebicher, Luong and Malton with the signature block of Mr. Radut left blank is enclosed herein. The last known address of Mr. Radut is "300 Regina Street, North, Building I, Apt. 1207, Waterloo, Ontario N2J 3B8 Canada."

The Assistant Commissioner is hereby authorized to charge any additional fees which may be required by this paper only to Jones, Day Reavis & Pogue Deposit Account No. 501432, order no. 555255012294.

Respectfully Submitted,

David B. Cochran

Registration No. 39,142

JONES, DAY, REAVIS & POGUE 901 Lakeside Avenue/North Point

Cleveland, OH 44114

(216) 586-3939

Date: 7 27 52

Page 2 of 2

CL-692976vi

#### PATENT

Attorney Docket No. 555255012294

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Daniel M. Fischer, Dan G. Radut, Michael F. Habicher, Quang A.

Luong, Jonathan T. Malion

Serial No.:

10/087,629

Filed:

March 1, 2002

For:

MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD

Art | fruit

Not yet assigned

Examiner:

Not yet assigned

ASSISTANT COMMISSIONER OF PATENTS WASHINGTON, D.C. 2023!

### DECLARATION OF DAVID B. COCHRAN

I hereby declare and state as follows:

- I represent Research In Motion Limited ("RIM") in connection with the above-referenced patent application. This application names five inventors, Daniel M. Fischer, Dan G. Radut, Michael F. Habicher, Quang A. Luong, and Jonathan T. Malton.
- Signed the Declaration and Power of Attorney documents, which is being submitted to the USPTO along with this paper. Mr. Radut, however, who is no longer in the employ of RIM, refuses to sign the documents despite the fact that he signed an employment contract when beginning his employ obligating him to assist RIM in pursuing any such applications, even after his employment had ceased.
  - 3. Prior to filing this application, a copy thereof was provided to each of the named inventors for their review and approval, including Mr. Radut.

Page 1 of 2

CL-692970×1

- 4. On May 2, 2002, another copy of the application, along with the Declaration and Power of Attorney, was mailed to Mr. Radut's home address. Mr. Radut refused to sign the documents.
- 5. Between May 8 and May 15, 2002, Mr. Radut was contacted by telephone on several occasions regarding his willingness to sign the Declaration and Power of Attorney, and he refused to do so.
- On June 19, 2002, I forwarded another copy of the application and the Declaration and Power of Attorney to Mr. Radut, again asking that he sign and return the papers, by June 27, 2002. I also called him on his home phone number to inquire as to whether he would be signing and returning the papers. He has refused to return any of my phone calls or to return the papers.
- 7. The last known address of Mr. Radut is 300 Regina Street, North, Building I, Apt. 1207, Waterloo, Ontario N21 3B8.
- 8. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and the such willful false testimony may jeopardize the validity of the application or any patent issuing thereon.

Pavid B. Cochran

Page 2 of 2



#### 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

| APPLICATION NO.     | FILING DATE                     | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---------------------|---------------------------------|----------------------|---------------------|------------------|
| 13/536,767          | 06/28/2012                      | Daniel M. FISCHER    | 11298.0188-08000    | 5104             |
| 93377<br>BLACKBERRY | 7590 . 10/18/2013<br>C/FINNEGAN |                      | EXAM                | INER             |
| 901 New York        | Avenue NW                       |                      | TSO, EDV            | VARDH            |
| Washington, DO      | 20001                           |                      | ART UNIT            | PAPER NUMBER     |
|                     |                                 |                      | 2859                |                  |
| Section 200         |                                 | s<br>                | NOTIFICATION DATE   | DELIVERY MODE    |
|                     |                                 |                      | 10/18/2013          | ELECTRONIC       |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

regional-desk@finnegan.com portfolioprosecution@blackberry.com annie.wong@finnegan.com

PTOL-90A (Rev. 04/07)

## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 www.uspto.gov

Application No.: 13536767

Applicant: Fischer
Filing Date: 06/28/2012
Date Mailed: 10/18/2013

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

## Notice of Allowance Mailed

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 1 month(s) from the mail date of this Notice, or the time remaining from the Notice of Allowance and Fee(s) Due, whichever is longer, within which to respond.

The informalities requiring correction are indicated in the attachment(s). If the informality pertains to the abstract, specification (including claims) or drawings, the informality must be corrected with an amendment in compliance with 37 CFR 1.121 (or, if the application is a reissue application, 37 CFR 1.173). Such an amendment may be filed after payment of the issue fee if limited to correction of informalities noted herein. See Waiver of 37 CFR 1.312 for Documents Required by the Office of Patent Publication, 1280 Off. Gaz. Patent Office 918 (March 23, 2004). In addition, if the informality is not corrected until after payment of the issue fee, for purposes of 35 U.S.C. 154(b)(1)(iv), "all outstanding requirements" will be considered to have been satisfied when the informality has been corrected. A failure to respond within the above-identified time period will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136(a).

See attachment(s).

A copy of this notice <u>MUST</u> be returned with the reply. Please address response to "Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".

/Lisa Kraft-Hegarty/
Publication Branch
Office of Data Management
(571) 272-4200

## Application No. 13536767

#### IDENTIFICATION OF APPLICATION DEFICIENCIES

|      | Applicant must provide legible text for the following item(s).   | \$40<br>(A)   |
|------|--|---|
|      | Specification filed, page(s).  |   |
| 83   | Claims filed, claim(s).  | # # # # # # # # # # # # # # # # # # #   |
|      | Oath/declaration filed.  | 90 M N N N N N N N N N N N N N N N N N N  |
| 2.00 | Other:   |   |
|      | Applicant must provide missing information on the following pag amending the specification to add the missing text. No new matter  |   |
|      | The specification refers to one or more applications by attorney do U.S. application number(s). Applicant must supply the U.S. application attorney docket number.   |   |
|      | Applicant must provide an Abstract of the Disclosure.  |   |
|      | Applicant has submitted a DECLARATION (37 CFR 1.63) FOR APPLICATION USING AN APPLICATION DATA SHEET (37 PTO/SB/01A). The Application Data Sheet, however, is not prese Applicant must submit an Application Data Sheet or file a new oa executed by the inventors and containing the information required                                      | CFR 1.76) (e.g., form<br>ent with the filed application.<br>th or declaration (e.g., PTO/SB/01        |
|      | Applicant must provide an executed declaration.  |   |
|      | Applicant must provide the missing page(s) of the oath/declaration   | n or Application Data Sheet filed   |
|      | Applicant must provide a declaration signed by inventor(s) Dan G   | Radut.  |
|      | The oath/declaration filed shows non-initialed and/or non-dated a new oath/declaration in compliance with 37 CFR 1.67(a).  | Iterations. Applicant must file a   |
|      | Applicant(s) in the latest-filed oath/declaration or Application Dainventor's residence at all, or did not show both a city and state in did not show both a city and country in the non-U.S. inventor's reoath/declaration or Application Data Sheet (ADS) that shows each residence and each non-U.S. inventor's city and country of residen | the U.S. inventor's residence, or sidence. Applicant must supply an U.S. inventor's city and state of |
|      |  |   |

| Electronic Ack                       | cnowledgement Receipt                     |
|--------------------------------------|---|
| EFS ID:                              | 17312880                                  |
| Application Number:                  | 13536767                                  |
| International Application Number:    |   |
| Confirmation Number:                 | 5104                                      |
| Title of Invention:                  | MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD |
| First Named Inventor/Applicant Name: | Daniel M. FISCHER                         |
| Customer Number:                     | 93377                                     |
| Filer:                               | YI YU/Dianna Williams                     |
| Filer Authorized By:                 | YIYU                                      |
| Attorney Docket Number:              | 11298.0189-08000                          |
| Receipt Date:                        | 05-NOV-2013                               |
| Filing Date:                         | 28-JUN-2012                               |
| Time Stamp:                          | 09:28:31                                  |
| Application Type:                    | Utility under 35 USC 111(a)               |

## Payment information:

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| Submitted with     | Payment                        | no                 | no   |                     |                     |  |  |  |
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| 2              | Oath or Declaration filed  | dec_pet.pdf   | 6624155  | no   | 9 |  |

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



#### 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.uspio.gov

| APPLICATION NO.    | FILING DATE                   | FIRST NAMED INVENTOR                         | ATTORNEY DOCKET NO. | CONFIRMATION NO                        |
|--------------------|-------------------------------|--|---------------------|--|
| 13/536,767         | 06/28/2012                    | Daniel M. FISCHER                            | 11298.0188-08000    | 5104                                   |
| 93377<br>BLACKBERR | 7590 10/18/2013<br>Y/FINNEGAN |  | EXAMI               | NER                                    |
| 901 New York       | Avenue NW                     |  | TSO, EDW            | ARDH                                   |
| Washington, D      | C 20001                       |  | ART UNIT            | PAPER NUMBER                           |
|                    |                               |  | 2859                | ************************************** |
|                    |                               |  | NOTIFICATION DATE   | DELIVERY MODE                          |
|                    |                               | 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18 | 10/18/2013          | ELECTRONIC                             |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

regional-desk@finnegan.com
portfolioprosecution@blackberry.com
annie.wong@finnegan.com

PTOL-90A (Rev. 04/07)

## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 www.uspto.gov

Application No.: 13536767

Applicant: Fischer
Filing Date: 06/28/2012
Date Mailed: 10/18/2013

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

## Notice of Allowance Mailed

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 1 month(s) from the mail date of this Notice, or the time remaining from the Notice of Allowance and Fee(s) Due, whichever is longer, within which to respond.

The informalities requiring correction are indicated in the attachment(s). If the informality pertains to the abstract, specification (including claims) or drawings, the informality must be corrected with an amendment in compliance with 37 CFR 1.121 (or, if the application is a reissue application, 37 CFR 1.173). Such an amendment may be filed after payment of the issue fee if limited to correction of informalities noted herein. See Waiver of 37 CFR 1.312 for Documents Required by the Office of Patent Publication, 1280 Off. Gaz. Patent Office 918 (March 23, 2004). In addition, if the informality is not corrected until after payment of the issue fee, for purposes of 35 U.S.C. 154(b)(1)(iv), "all outstanding requirements" will be considered to have been satisfied when the informality has been corrected. A failure to respond within the above-identified time period will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136(a).

See attachment(s).

A copy of this notice <u>MUST</u> be returned with the reply. Please address response to "Mail Stop Issue Fee, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450".

/Lisa Kraft-Hegarty/
Publication Branch
Office of Data Management
(571) 272-4200

## Application No. 13536767

#### IDENTIFICATION OF APPLICATION DEFICIENCIES

| Appl  | icant must provide legible text for the following item(s).   | 90<br>90   |
|---|--|--|
|   | Specification filed, page(s).  | 800 W 19 50 W 19 50 SO |
|   | Claims filed, claim(s).  | e <sup>10</sup> 5.000 ***                                  |
| 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Oath/declaration filed   | 9  |
| · · · · · · · · · · · · · · · · · · ·   | Other:   |  |
| THE CONTRACTOR OF THE PARTY OF | icant must provide missing information on the following page(s) of the spending the specification to add the missing text. No new matter may be added  |  |
| U.S.  | specification refers to one or more applications by attorney docket number application number(s). Applicant must supply the U.S. application number sey docket number.   | 그렇게 - 열리를 위치되어 ::11 -:11                                   |
| Appl  | icant must provide an Abstract of the Disclosure.  |  |
| APPI<br>PTO/<br>Appli   | icant has submitted a DECLARATION (37 CFR 1.63) FOR A UTILITY (LICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) (el/SB/01A). The Application Data Sheet, however, is not present with the file cant must submit an Application Data Sheet or file a new oath or declaration the inventors and containing the information required in 37 CFR 1.                         | .g., form<br>led application.<br>on (e.g., PTO/SB/01       |
| Appl  | icant must provide an executed declaration.  |  |
| Appl  | icant must provide the missing page(s) of the oath/declaration or Application  | on Data Sheet filed  |
| X Appl  | icant must provide a declaration signed by inventor(s) Dan G. Radut.   |  |
| 100   | oath/declaration filed shows non-initialed and/or non-dated alterations. Appoath/declaration in compliance with 37 CFR 1.67(a).  | plicant must file a  |
| invendid noath/   | icant(s) in the latest-filed oath/declaration or Application Data Sheet (ADS stor's residence at all, or did not show both a city and state in the U.S. investor show both a city and country in the non-U.S. inventor's residence. Application or Application Data Sheet (ADS) that shows each U.S. inventoence and each non-U.S. inventor's city and country of residence. | ntor's residence, or<br>icant must supply an               |
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#### 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
P.O. Box 1450
Alexandria, Virginia 223: 3-1450
www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

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| Washington, DC 20001   |  |
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TSO, EDWARD H

ART UNIT PAPER NUMBER

2859

EXAMINER

DATE MAILED: 09/05/2013

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 13/536,767 06/28/2012 Daniel M. FISCHER 11298.0188-08000 5104

TITLE OF INVENTION: MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD

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| APPIN TYPE                                | ENTITY STATUS  | ISSUE FEE DUE  | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE   |
| nonprovisional                            | UNDISCOUNTED .   | \$1780   | \$300               | \$0                  | \$2080           | 12/05/2013 |

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 and an extra copy of the form should be submitted. 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: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page 1 of 4

PTOL-85 (Rev. 02/11)

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1. by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

| (X)<br>(B) (C)<br>(C)<br>(B) (C)<br>(C)<br>(C)<br>(C)<br>(C)<br>(C)<br>(C)<br>(C)<br>(C)<br>(C) | CURRENT CORRESPONDENC   |  | What was the control of the control | Not<br>Fee<br>pap<br>hav   | 316.00   | ACCOMPANY OF ACCOMPANY SAN  | SHI (0/5H)   | domestic mailings of the or any other accompanying it or formal drawing, must                     |
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| 509 °   | APPLICATION NO.   | FILING DATE  |   | FIRST NAMED INVENTOR   | V 30   | ATTORNEY D  | OCKET NO.  | CONFIRMATION NO.  |
|   | 13/536,767  | 06/28/2012   |   | Daniel M. FISCHER  |  | 11298.018   | 8-08000  | 5104  |
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| u w   | nonprovisional T  | UNDISCOUNTED   | \$1780  | \$300  | <b>\$</b> 0  |   | \$2080   | 12/05/2013  |
| 9607<br>1979  | EXAMIN  | ER   | ART UNIT  | CLASS-SUBCLASS   |  |   |  |   |
| * **<br>***   | TSO, EDWA   | ARD H  | 2859  | 320-107000   | # <b>#</b>   |   |  |   |
|   | 1. Change of correspondence CFR 1.363).  Change of correspondence Address form PTO/SB/1  "Fee Address" indica PTO/SB/47; Rev 03-02 of Number is required.   | dence address (or Char<br>22) attached.<br>ition (or "Fee Address" | ge of Correspondence Indication form  | 2. For printing on the p (1) the names of up to or agents OR, alternation (2) the name of a single registered attorney or a registered patent attorney is listed, no name will be  | o 3 registered paten<br>vely,<br>le firm (having as a<br>agent) and the nam-<br>orneys or agents. If | t attorneys member a es of up to  | ]<br>2   |   |
|   | 3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN   | s an assignee is identi<br>n 37 CFR 3.11. Comp                     |   | THE PATENT (point or type data will appear on the part of the part | atent. If an assign  |   | below, the do  | cument has been filed for   |
|   | Managar and an dae dou to mana at an  | e assignee category or<br>submitted:<br>small entity discount p    | 4   | Company 26 3000 NO 1000 SC 2600 Made 200 S   | Individual DCc<br>ase first reapply at<br>rd. Form PTO-2038  | epocation or other properties of the second | aid issue fee s  | denic +0+-2 las instanticals does +018/2011 (4-55)  |
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Page 2 of 4

PTOL-85 (Rev. 02/11)

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| 5. Change in Entity Status (from status indicated above) Applicant certifying micro entity status. See 37 CFR 1.29   | NOTE: Absent a valid certification of Micro Entity Status (see form PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.   |
|--|--|
| Applicant asserting small entity status. See 37 CFR 1.27   | NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.   |
| Applicant changing to regular undiscounted fee status.   | NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.  |
| NOTE: The Issue Fee and Publication Fee (if required) will not be accedinterest as shown by the records of the United States Patent and Tradem   | epted from anyone other than the applicant; a registered attorney or agent; or the assignce or other party in<br>park Office.  |
| Authorized Signature   |  |
| Typed or printed name  | Registration No.   |
| an application. Confidentiality is governed by 35 U.S.C. 122 and 37 Cl submitting the completed application form to the USPTO. Time will within form and/or suggestions for reducing this burden, should be sent to Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES Of Alexandria, Virginia 22313-1450.  | nation is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) FR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and vary depending upon the individual case. Any comments on the amount of time you require to complete to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, F.O. OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, or respond to a collection of information unless it displays a valid OMB control number. |
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Page 3 of 4

FTOL-85 (Rev. 02/11) Approved for use through 08/31/2013.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



#### 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 223: 3-1450
www.uspto.gov

| APPLICATION NO.  | FILINO DATE   | FIRST NAMED INVENTOR                              | ATTORNEY DOCKET NO.     | CONFIRMATION NO |
|--|---------------|---|-------------------------|-----------------|
| 13/536,767   | 06/28/2012    | Daniel M. FISCHER                                 | 11298.0138-08000 5104   |                 |
| 93377 75   | 90 09/05/2013 |   | EXAMI                   | NER             |
| RIM/FINNEGAN   |               | **************************************            | TSO, EDV                | VARD H          |
| 901 New York Ave<br>Washington, DC 20  |               |   | ART UNIT                | PAPER NUMBER    |
|  |               | 003<br>33.33430Vii                                | 2859                    |                 |
| The agreement of the second of |               | 103 T 103 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 | DATE MAILED: 09/05/2013 | 3               |

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Page 4 of 4

PTOL-85 (Rev. 02/11)

# Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2): (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

| 1005330 (#TO S 100 T 20  | Application No.   | Applicant(:  |  |
|--|---|--|--|
| NI-AT  | 13/536,767<br>Examiner  | FISCHER E  | AIA (First Inventor to                   |
| Notice of Allowability   | EDWARD TSO  | 2859   | File) Status                             |
| THE PROPERTY OF THE PROPERTY O |   |  | No                                       |
| The MAILING DATE of this communication appeal All claims being allowable. PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313   | (OR REMAINS) CLOSED in<br>or other appropriate commu<br>IGHTS. This application is so     | this application. If no nication will be mailed          | t included<br>in due course. <b>THIS</b> |
| <ol> <li>This communication is responsive to <u>TD filed 8/7/2013</u>.</li> <li>A declaration(s)/affidavit(s) under 37 CFR 1.130(b) was</li> </ol>   | /were filed on  |  |  |
| 2.  An election was made by the applicant in response to a rest requirement and election have been incorporated into this accordance.  |   | during the interview o                                   | n; the restriction                       |
| 3. The allowed claim(s) is/are 11-28. As a result of the allowed Highway program at a participating intellectual property office http://www.uspto.gov/patents/init_events/pph/index.jsp or se  | ce for the corresponding app  | lication. For more info                                  |  |
| 4.   Acknowledgment is made of a claim for foreign priority under  | er 35 U.S.C. § 119(a)-(d) or (  | f).  |  |
| Certified copies:  |   |  |  |
| a) ☐ All b) ☐ Some *c) ☐ None of the:  |   |  | şi:                                      |
| 1. Certified copies of the priority documents have   |   | a NIA  | âk                                       |
| <ol> <li>Certified copies of the priority documents have</li> <li>Copies of the certified copies of the priority documents</li> </ol>  | 45 .71  | -95700/16380000/163858 J                                 | annlication from the                     |
| International Bureau (PCT Rule 17.2(a)).   | Junionia navo deen received   | in tim national stage                                    | application non the                      |
| * Certified copies not received:   |   |  | EF 95                                    |
| . Francisco (2018)   |   |  |  |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  | of this communication to file<br>IENT of this application.                                | a reply complying with                                   | n the requirements                       |
| 5.   CORRECTED DRAWINGS (as "replacement sheets") must   | t be submitted.   |  | 7):<br>00:                               |
| including changes required by the attached Examiner's Paper No./Mail Date  | s Amendment / Comment or  | In the Office action of                                  | 94<br>93<br>94                           |
| Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the   |   |  | (not the back) of                        |
| 6.   DEPOSIT OF and/or INFORMATION about the deposit of B attached Examiner's comment regarding REQUIREMENT FO   | 5일 전면 하실어 많아 얼마나가 보니다고 [40] 전면 생기는 전문과 그렇게 되었다. (^^ 124) 그렇게 하실어 하실어 하실어 그렇게 하실어 있다고 말했다. | [20] - 그렇게 속을 하게 느꼈게 모르는데 그 바로에 들어가는 그 아니다 모를 보는데 다 먹는다. | the                                      |
| Attachment(s)  |   |  | 96                                       |
| 1. Notice of References Cited (PTO-892)  | 5. □ Examiner's   | Amendment/Commer   | nt                                       |
| 2. Information Disclosure Statements (PTO/SB/08),  | 6. 🔲 Examiner's   | Statement of Reason                                      | s for Allowance                          |
| Paper No./Mall Date  3.   Examiner's Comment Regarding Requirement for Deposit  of Biological Material   | 7. 🔲 Other  |  | 4.2                                      |
| of Biological Material  4.  Interview Summary (PTO-413),  Paper No./Mail Date  |   |  | 36<br>39                                 |
| /Edward Tso/<br>Primary Examiner, Art Unit 2859  |   |  |  |
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Notice of Allowability

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U.S. Patent and Trademark Office

PTOL-37 (Rev. 08-13)

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Part of Paper No./Mail Date 20130822

|              | Application/Control No. | Applicant(s)/Patent Under<br>Reexamination |
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| Search Notes | 13536767                | FISCHER ET AL.                             |
|              | Examiner                | Art Unit                                   |
|              | EDWARD TSO              | 2859                                       |

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| class/subclass search                 | 5/2013 | et                                |
| inventor search                       | 5/2013 | et                                |
| foreign ipc search                    | 5/2013 | et                                |
| DP considered against related patents | 5/2013 | et                                |
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## 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 P.O. Box 1450 Alexandria, Virginia 223 (3-1450) www.uspro.gov

## BIB DATA SHEET

#### **CONFIRMATION NO. 5104**

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## EAST Search History

## EAST Search History (Prior Art)

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| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination FISCHER ET AL. |
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|                      | Examiner                | Art Unit   |
|                      | EDWARD TSO              | 2859   |

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| /EDWARD TSO/<br>Primary Examiner.Art Unit 2859 | 08/22/2013            | O.G. Print Claim(s) | O.G. Print Figure |  |
| (Primary Examiner)                             | (Date)                | 1                   | 4                 |  |

| Issue Classification | Application/Control No. 13536767 | Applicant(s)/Patent Under Reexamination FISCHER ET AL. |
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| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination FISCHER ET AL. |
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|   | Examiner                | Art Unit                                |
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| Claims                                    | renumbered | in the same                                  | order as pres                           | ented by app                            | licant                                   |  | ☐ CPA  |  | T.D.                                    |   | R.1.47                                  |  |  |  |
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|                | Application Number       | <b>Application/Co</b> 13/536,767 | F                               | opplicant(s)/Patent under<br>leexamination |                  |
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PATENT Customer No. 93377 Attorney Docket No. 11298.0188-08000

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of:                          |                           |
|--|---------------------------|
| Daniel M. FISCHER et al.                       | ) Group Art Unit: 2859    |
| Application No. 13/536,767                     | ) Examiner: Edward H. Tso |
| Filed: June 28, 2012                           |                           |
| For: MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD | Confirmation No. 5104     |

Mail Stop: Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir

## REPLY TO OFFICE ACTION

Applicants submit this Reply in response to the Office Action mailed May 28, 2013. Remarks/Arguments begin on page 2 of this paper.

Application No.: 13/536,767

Attorney Docket No.: 11298.0188-08000

REMARKS

In the Office Action mailed May 28, 2013, the Examiner rejected claims 11-28 on

the ground of non-statutory obviousness-type double patenting as being unpatentable

over claims 1-12 of U.S. Patent No. 7,986,127 ("the '127 patent"). Applicants traverse

the rejections made in the Office Action and respectfully request reconsideration for at

least the reasons that follow.

Rejections under Nonstatutory Double Patenting

Applicants traverse the obviousness-type double patenting rejections and

disagree with the Examiner's characterizations regarding the claims. However, solely in

an effort to advance prosecution, Applicants file a terminal disclaimer with respect to the

'127 patent, concurrently with this Reply. As such, Applicants respectfully request

withdrawal of the nonstatutory double patenting rejections.

Conclusion

In view of the foregoing remarks, Applicants respectfully request reconsideration

and reexamination of this application and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge

any additional required fees to deposit account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,

GARRETT & DUNNER, L.L.P.

Dated: August 7, 2013

/Yi Yu/

Yi Yu

Reg. No. 69,397

(571) 203-2700

PTO/SB/26 (07-09)

Approved for use through 07/31/2012, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING
REJECTION OVER A "PRIOR" PATENT

In re Application of: Daniel M. FISCHER et al.

Application No.: 13/536,767

Filed: June 28, 2012

FOIL MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:

expires for failure to pay a maintenance fee;

is held unenforceable;

is found invalid by a court of competent jurisdiction;

is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;

has all claims canceled by a reexamination certificate;

is reissued; or

10<sup>4</sup>] (03(2)40<sup>3(0)</sup>

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is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal discialmer.

Check either box 1 or 2 below, if appropriate.

| 1. | For submissions on behalf of a business/organization (e.g.  | , corporation, partnership, | , university, government ager | icy, |
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|    | etc.), the undersigned is empowered to act on behalf of the | e business/organization,    | 45% A <b>W</b>                | 7.0  |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on in formation and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| 2. 🗸 | The undersigned is an attorney or agent of record. | Reg. No. 36,743 |
|------|--|-----------------|
|------|--|-----------------|

| /Jeffrey A. Berkowitz/ | August 7, 2013  |
|------------------------|---|
| Signature              | Date  |
| Jeffrey A. Berkowitz   |   |
| Typed or printed name  | ₿₽₽ <sup>Ĭ</sup> ŶŶŖĬĸ <sup>ĸ</sup> ĬŢĬŶ₽ijŶĬŖĬŖŶŶŢ <sup>ĸĸ</sup> ĸŶĬŶŖĸĬŖĸĬŶĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ |
|                        | 571-203-2700  |

Telephone Number

Terminal disclaimer fee under 37 CFR 1.20(d) included.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

\*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES CR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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#### Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark. Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

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- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
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- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
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| Electronic Patent Application Fee Transmittal |                            |                           |   |                |   |  |
|---|----------------------------|---------------------------|---|----------------|---|--|
| Application Number:                           | 139                        | 36767                     |   |                | h sins ith Norsell (Mar 10 Mericostain) ith Norsell (mate actions of a relative of the Actions of Assertain). |  |
| Filing Date:                                  | 28-                        | 28-Jun-2012               |   |                |   |  |
| Title of Invention:                           | M                          | LTIFUNCTIONAL C           | HARGER SYSTEM   | A AND METHOD   |   |  |
| First Named Inventor/Applicant Name:          | Da                         | niel M. FISCHER           |   |                |   |  |
| Filer:  | YI.                        | /U/Mitty Watters          |   |                |   |  |
| Attorney Docket Number:                       | 1 13                       | 298.0188-08000            |   |                |   |  |
| Filed as Large Entity                         | 2010/2020/2020             |                           |   |                |   |  |
| Utility under 35 USC 111(a) Filing Fees       | MM Acres Acres Acres Acres |                           |   |                |   |  |
| Description                                   |                            | Fee Code                  | Quantity  | Amount         | Sub-Total in<br>USD(\$)   |  |
| Basic Filing:                                 |                            |                           |   |                |   |  |
| Pages:  | X00702                     | ATTACLE PROSECUTOR STREET | 3(2)<br>51  | #:<br>60<br>34 | (#.E%) (#.E%)   |  |
| Claims:                                       |                            |                           |   |                |   |  |
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| Petition:                                     |                            |                           |   |                |   |  |
| Patent-Appeals-and-Interference:              |                            |                           |   |                |   |  |
| Post-Allowance-and-Post-Issuance:             |                            |                           |   |                |   |  |
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| EFS ID:                                 | 16522268                    |  |  |  |  |
|---|-----------------------------|--|--|--|--|
| Application Number:                     | 13536767                    |  |  |  |  |
| International Application Number:       |                             |  |  |  |  |
| Confirmation Number:                    | 5104                        |  |  |  |  |
| Title of Invention:                     | MULTIFUNCTIONAL CHARC       | SER SYSTEM AND METHOD  |  |  |  |
| First Named Inventor/Applicant Name:    | Daniel M. FISCHER           |  |  |  |  |
| Customer Number:                        | 93377                       |  |  |  |  |
| Filer:                                  | YI YU/Mitty Watters         |  |  |  |  |
| Filer Authorized By:                    | YIYU                        |  |  |  |  |
| Attorney Docket Number:                 | 11298.0188-08000            |  |  |  |  |
| Receipt Date:                           | 07-AUG-2013                 |  |  |  |  |
| Filing Date:                            | 28-JUN-2012                 | AT THE RESERVE TO SERVE TO SER |  |  |  |
| Time Stamp:                             | 12:20:16                    |  |  |  |  |
| Application Type:                       | Utility under 35 USC 111(a) |  |  |  |  |
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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## 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

| APPLICATION NO.  | FILING DATE  | FIRST NAMED INVENTOR   | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|--|--|---------------------|------------------|
| 13/536,767   | 06/28/2012   | Daniel M. FISCHER  | 11298.0188-08000    | 5104             |
| 93377<br>RIM/FINNEGA   | 7590 05/28/2013  | (e <sup>[2]</sup> /t)  | EXAM                | INER             |
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

regional-desk@finnegan.com
janet.weems@finnegan.com
portfolioprosecution@blackberry.com

PTOL-90A (Rev. 04/07)

|  |  | <b>Application No.</b> 13/536,767   | Applicant(<br>FISCHER I  | 274  |
|--|--|---|--|--|
| ere area e   | Office Action Summary  | Examiner<br>EDWARD TSO  | Art Unit<br>2859   | AIA (First Inventor to File)<br>Status<br>No   |
| Period fo  | The MAILING DATE of this communication Reply   | on appears on the cover sheet wi  | th the corresponde   | nce address  |
| WHIC<br>- Exter<br>after<br>- If NO<br>- Failur<br>Any r | ORTENED STATUTORY PERIOD FOR FOR HEVER IS LONGER, FROM THE MAILINg stons of time may be available under the provisions of 37 (SIX (6) MONTHS from the mailing date of this communication period for reply is specified above, the maximum statutory set to reply within the set or extended period for reply will, by eply received by the Office later than three months after the ed patent term adjustment. See 37 CFR 1.704(b).  | NG DATE OF THIS COMMUNIC<br>OFF 1.156(a). In no event, however, may a re-<br>ion.<br>period will apply and will expire SIX (6) MON<br>visitatute, cause the application to become AB  | CATION.  Sply be timely filed  THS from the mailing date  ANDONED (35 J.S.C § 1) | of this communication.<br>133).  |
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| Territory C.   |  | This action is non-final.   |  |  |
| 3)   | An election was made by the applicant in   | * *   |  | ring the interview on  |
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| XVV  | Since this application is in condition for a   | USA SI  | (7) #1 (I)   |  |
| 1/16 <sup>(4</sup>                                       | closed in accordance with the practice ur  | idel Ex parte Guayie, 1935 G.D  | . 11,405 Q.G. 210  |  |
| V# 5a-1807   | on of Claims   | N/중 : 전상NG로 중   |  |  |
| 1.4 KX 000 V-400 V-11                                    | Claim(s) <u>11-28</u> is/are pending in the appl   | (0) # 3-0-0# 3 4st  |  |  |
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| YAMATION   | Claim(s) is/are allowed. Claim(s) <u>11-28</u> is/are rejected.  |   |  | (#)<br>(#)   |
| 111 - 111  | Claim(s) is/are objected to.   |   | #E 772   | ec <sub>at</sub>   |
| 10-117   | Claim(s) are subject to restriction :  | and/or election requirement   | 70<br>40:00<br>8   |  |
|  | ims have been determined <u>allowable</u> , you may  | 37  | ent Prosecution Hig  | hway program at a  |
| Λ.   | g intellectual property office for the correspond  | . Gr  | 0  |  |
| http://www   | .uspto.gov/patents/init_events/pph/index.jsp_o   | r send an inquiry to <u>PPHfeedback@</u>  | ∂uspto.gov.  | 39 <sup>(2)</sup>  |
| Applicati  | on Papers  |   |  | 88   |
|  | The specification is objected to by the Exa  | aminer.   |  | 7)   |
| (A)  | The drawing(s) filed on <u>6/28/2012</u> is/are:   |   | I to by the Examine  | ∍r.  |
|  | Applicant may not request that any objection   |   | 69   |  |
|  | Replacement drawing sheet(s) including the o   | correction is required if the drawing   | s) is objected to. Sec   | e 37 CFR 1.121(d).   |
| Priority u   | ınder 35 U.S.C. § 119  |   |  |  |
| 0 <u>4/20 - 2</u> 0                                      | Acknowledgment is made of a claim for fo   | oreign priority under 35 U.S.C. §   | 119(a)-(d) or (f).   |  |
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|  | nation Disclosure Statement(s) (PTO/SB/08)<br>r No(s)/Mail Date <i>6/28/12.</i>  | 4) 🔲 Other:   |  |  |

Office Action Summary

U.S. Patent and Trademark Office PTOL-326 (Rev. 03-13)

FISI00001805

Part of Paper No./Mai. Date 20130519

Application/Control Number: 13/536,767

Art Unit: 2859

#### **DETAILED ACTION**

#### Information Disclosure Statement

The IDS filed 6/28/2012 has been considered and placed of record. An initialed copy is attached herewith.

## Specification

The disclosure should be carefully reviewed to ensure that any and all grammatical, idiomatic, and spelling or other minor errors are corrected.

#### Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422

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Page 2

Application/Control Number: 13/536,767

Art Unit: 2859

F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 11-28 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-12 of U.S. Patent No. 7,986,127. Although the conflicting claims are not identical, they are not patentably distinct from each other because the claims are broader in some respect and narrower in other respect. For example, Applicant additionally claims a USB VBUS line while patent claims 11 and 12 claim only a USB port. Having a VBUS line would have been obvious if one of ordinary skill in the art wants to use the line for a 5V power output.

Alternatively, Applicant claims 'at least one condition' while the patent claims 11 and 12 only claim either one condition or any condition. The pending claim matter is broader and would have encompassed the claimed matter of patent claims 11 and 12.

The other pending claims are various combinations of patent claims.

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