

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4165998

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
BLACKBERRY LIMITED		11/18/2015
RECEIVING PARTY DATA		
Name:	FUNDAMENTAL INNOVATION SYSTEMS INTERNATIONAL LLC	
Street Address:	2990 LONG PRAIRIE ROAD, SUITE B	
City:	FLOWER MOUND	
State/Country:	TEXAS	
Postal Code:	75022	
PROPERTY NUMBERS Total: 60		
Property Type	Number	
Application Number:	12714204	
Application Number:	12905934	
Application Number:	13175487	
Application Number:	13175509	
Application Number:	13536767	
Application Number:	11175885	
Application Number:	11749680	
Application Number:	12268297	
Application Number:	10087391	
Application Number:	10087629	
Application Number:	60330486	
Application Number:	60273021	
Application Number:	12860591	
Application Number:	13028361	
Application Number:	13175541	
Application Number:	12696655	
Application Number:	10372180	
Application Number:	11749676	
Application Number:	12496042	
Application Number:	12892709	

PATENT

Property Type	Number
Application Number:	13466794
Application Number:	10834887
Application Number:	13670143
Application Number:	12419897
Application Number:	12650245
Application Number:	12689587
Application Number:	12842763
Application Number:	13031493
Application Number:	13645152
Application Number:	11026590
Application Number:	11026443
Application Number:	10852781
Application Number:	60545433
Application Number:	60545434
Application Number:	11620367
Application Number:	10864584
Application Number:	12333080
Application Number:	10788078
Application Number:	10857966
Application Number:	13765464
Application Number:	13209680
Application Number:	14047617
Application Number:	11203198
Application Number:	14815229
Application Number:	12695909
Application Number:	13022541
Application Number:	11057976
Application Number:	11156388
Application Number:	12402291
Application Number:	11248430
Application Number:	12716535
Application Number:	13004175
Application Number:	11299701
Application Number:	10834283
Application Number:	12275093
Application Number:	12775988
Application Number:	12763721
Application Number:	12916161

Property Type	Number
Application Number:	11753194
Application Number:	12613926

CORRESPONDENCE DATA

Fax Number: (908)654-7866

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 908-654-5000

Email: ASSIGNMENT@LERNERDAVID.COM

Correspondent Name: LDLKM

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	TNT/10
NAME OF SUBMITTER:	KERRY J. GROVES
SIGNATURE:	/KERRY J. GROVES/
DATE SIGNED:	12/01/2016

Total Attachments: 14

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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment") is made and entered into this 18th day of November, 2015 (the "Effective Date"), by **BlackBerry Limited**, a corporation organized under the laws of the Province of Ontario, having an address at 2200 University Avenue East, Waterloo, Ontario N2K 0A7 ("Assignor"), in favor of **Fundamental Innovation Systems International LLC**, a Delaware limited liability company, with an address of c/o TnT IP LLC, 1610 Regal Oaks Drive, Southlake, Texas 76092 ("Assignee").

WHEREAS, Assignor is the owner of the patents and patent applications set forth on Appendix A hereto (the "Patents"); and

WHEREAS, Assignor and Assignee have agreed by way of a purchase agreement (the "Purchase Agreement") dated November 18, 2015, by and between Assignor and Assignee, the terms of which are incorporated herein by reference, that Assignor shall sell, transfer, and assign and set over unto Assignee and Assignee shall accept, all rights, title and interest in and to the Patents as specified in this Assignment.

NOW, THEREFORE, in consideration of the foregoing premises, and the covenants and agreements in this Assignment, Assignor and Assignee agree as follows:

1. Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, privilege, title and interest in, to and under the Patents and in the case of patent applications in and to any patents that may issue therefrom, including, in all instances, without limitation, all rights pursuant to 35 U.S.C. Sec. 154 and any and all divisionals, continuations, continuations-in-part, reissues, conversions, extensions and reexaminations of any of the foregoing, together with any counterparts of any of the foregoing in any jurisdiction throughout the world, and, further, all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for any inventions described in said Patents in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the inventions and the Patents under the laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, in each instance the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with the right to pursue damages, injunctive relief, and any other remedies of any kind for past, current and future infringement of the Patents.
2. Insofar as this assignment concerns European patents and patent applications, Assignor does hereby declare that it is the owner of said Patents and that Assignor has hereby assigned same, along with all rights and duties appurtenant thereto, to Assignee and agrees that the assignment will be recorded in the register with the European Patent Office; and Assignee hereby declares that Assignee has agreed to the assignment of the

aforementioned Patents to it and that Assignee will simultaneously apply for recording of the assignment in the register with the European Patent Office.

3. Assignor hereby authorizes and requests the Commissioner for Patents of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.
4. Assignor agrees that, whenever reasonably requested by Assignee, Assignor will execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary for securing and maintaining the Patents assigned hereunder in any country and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees.
5. Assignor authorizes and empowers assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor.
6. Assignor hereby acknowledges and agrees that all of the rights, title and interest in and to the Patents sold, transferred, conveyed, assigned and delivered to Assignee hereunder include all income, royalties, damages and payments now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the rights assigned or to be assigned hereunder.
7. Assignor hereby consents that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.
8. In the event of any conflict between the terms of this Assignment and the referenced Purchase Agreement, the terms of the Purchase Agreement shall prevail.

[Signature Page Follows]

IN WITNESS WHEREOF, Assignor has executed this Assignment as of the Effective
Date.


Assignor:

BLACKBERRY LIMITED

By: _____

Name: _____

Title: _____


James Versh
Chief Financial Officer

CANADA

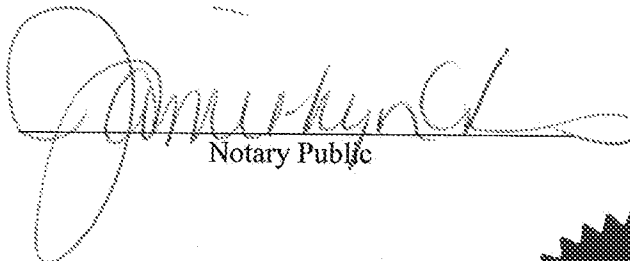
NOTARIAL CERTIFICATE

Province of Ontario

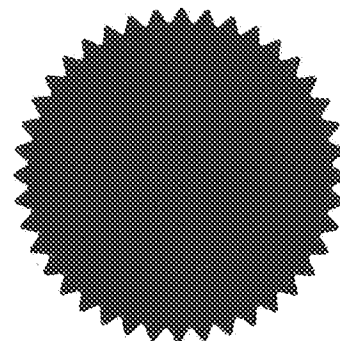
I, Jamie-Lyn Horwood

a duly appointed Notary Public for the Province of Ontario, residing at the City of Kitchener, in the Province of Ontario, CERTIFY AS FOLLOWS:

On this 17 day of November 2015, there appeared before me James Vesh, the Chief Financial Officer of BlackBerry Limited, personally known to me, who acknowledged that he/she signed the foregoing Assignment as his/her voluntary act and deed on behalf and with full authority of BlackBerry Limited, an Ontario, Canada company.


Notary Public

Jamie-Lyn Horwood, Notary Public, Regional
Municipality of Waterloo, limited to the
attestation of instruments and the taking of
affidavits for BlackBerry Limited and its
subsidiaries. Expires June 24, 2016



SCHEDULE A

Country	Status	Family	Application Number	Publication Number	Patent Number
AU	Granted	Circuit and Method of Operation for an Electrical Power Supply	2004213885		2004213885
AU	Granted	Universal Serial Bus Charger for a Mobile Device	2004202570		2004202570
CA	Granted	System and Method for Powering and Charging a Mobile Communication Device	2517333	2517333	2517333
CA	Granted	System and Method for Powering and Charging a Mobile Communication Device	2374342	2374342	2374342
CA	Granted	Multifunctional Charger System and Method	2374344	2374344	2374344
CA	Granted	Circuit and Method of Operation for an Electrical Power Supply	2419488	2419488	2419488
CA	Abandoned	Circuit and Method of Operation for an Electrical Power Supply	2562214	2562214	2562214
CA	Granted	Charging Status Indicator Control System and Method	2634656	2634656	2634656
CA	Pending	Charging Status Indicator Control System and Method	2790181	2790181	N/A
CA	Granted	Charging Status Indicator Control System and Method	2523970	2523970	2523970
CA	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	2468388	2468388	2468388
CA	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	2556446	2556446	2556446
CA	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	2556442	2556442	2556442
CA	Granted	Universal Serial Bus Charger for a Mobile Device	2470750		2470750
CA	Granted	Electronic Device Including Handheld Electronic Device With Dual Battery Configuration and Associated Method	2498080	2498080	2498080
CA	Granted	Universal Serial Bus Current Limit	2509026	2509026	2509026
CA	Granted	Universal Peripheral Connector	2555978	2555978	2555978

Country	Status	Family	Application Number	Publication Number	Patent Number
CA	Granted	System and Methods for Charging a Chargeable USB Device	2536301	2536301	2536301
CA	Granted	Power Management Systems and Methods for a Mobile Device	2550404	2550404	2550404
CA	Granted	Apparatus and Method to Support USB Enumeration of a Bus Powered Handheld Device	2562776	2562776	2562776
CA	Granted	Charging and Power Supply for Mobile Devices	2632898	2632898	2632898
CA	Granted	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	2523956	2523956	2523956
CA	Granted	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	2631955	2631955	2631955
EP	Pending	Circuit and Method of Operation for an Electrical Power Supply	04712979.6	1595324	N/A
EP	Pending	Circuit and Method of Operation for an Electrical Power Supply	12199542.7	2579422	N/A
EP	Granted	Charging Status Indicator Control System and Method	04730442.3	EP1620931	1620931
EP	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	04012446.3	EP1482619	1482619
EP	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	04802383.2	EP1723493	1723493
EP	Pending	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	14182671.9	EP2808755	N/A
EP	Abandoned	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	04802384.0	EP1723494	
EP	Abandoned	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	12165825.6	EP2482166	
EP	Abandoned	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	12193148.9	EP2562618	
EP	Granted	Universal Serial Bus (USB) Charger for a Mobile Device	04013677.2	EP1487081	1487081
EP	Granted	A Mobile Device for a Universal Serial Bus (USB) Charger	09150956.2	EP2051348	2051348

Country	Status	Family	Application Number	Publication Number	Patent Number
EP	Granted	Electronic Device Including Handheld Electronic Device With Dual Battery Configuration and Associated Method	08167190.1	EP2015422	2015422
EP	Abandoned	Method and apparatus for a dual battery configuration of a handheld device and holder	04251047.9	1569315	
EP	Pending	Universal Serial Bus Current Limit	10181220.4	2320299	N/A
EP	Abandoned	Universal Serial Bus Current Limit	04253271.3	1603009	N/A
EP	Granted	Universal Peripheral Connector	05107475.5	EP1760599	1760599
EP	Granted	Systems and Methods for Charging a Chargeable USB Device	05003190.5	EP1691252	1691252
EP	Granted	Power Management Systems and Methods for a Mobile Device	05013281.0	EP1737099	1737099
EP	Granted	Apparatus and Method to Support USB Enumeration of a Bus Powered Handheld Device	05109552.9	EP1775652	1775652
EP	Granted	Charging and Power Supply for Mobile Devices	05112066.5	EP1798835	1798835
EP	Void	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	04730170.0	EP1620930	EP1620930
EP	Void	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	07108895.9	1995666	1995666
EP	Void	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	09163756.1	2107468	2107468
EP	Void	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	09163768.6	2107469	2107469
ES	Granted	Charging Status Indicator Control System and Method	04730442.3	EP1620931	2319294
ES	Granted	Universal Serial Bus (USB) Charger for a Mobile Device	04013677.2	EP1487081	2322996
ES	Granted	A Mobile Device for a Universal Serial Bus (USB) Charger	09150956.2	EP2051348	2340005
ES	Granted	System and Methods for Charging a Chargeable USB Device	05003190.5	EP1691252	2350840

Country	Status	Family	Application Number	Publication Number	Patent Number
ES	Granted	Apparatus and Method to Support USB Enumeration of a Bus Powered Handheld Device	05109552.9	EP1775652	2299963
ES	Granted	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	07108895.9	1995666	1995666
FR	Granted	Charging Status Indicator Control System and Method	04730442.3	EP1620931	1620931
FR	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	04012446.3	EP1482619	1482619
FR	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	04802383.2	EP1723493	1723493
FR	Granted	Universal Serial Bus (USB) Charger for a Mobile Device	04013677.2	EP1487081	1487081
FR	Granted	A Mobile Device for a Universal Serial Bus (USB) Charger	09150956.2	EP2051348	2051348
FR	Granted	Electronic Device Including Handheld Electronic Device With Dual Battery Configuration and Associated Method	08167190.1	EP2015422	2015422
FR	Granted	Universal Peripheral Connector	05107475.5	EP1760599	1760599
FR	Granted	System and Methods for Charging a Chargeable USB Device	05003190.5	EP1691252	1691252
FR	Granted	Power Management Systems and Methods for a Mobile Device	05013281.0	EP1737099	1737099
FR	Granted	Apparatus and Method to Support USB Enumeration of a Bus Powered Handheld Device	05109552.9	EP1775652	1775652
FR	Granted	Charging and Power Supply for Mobile Devices	05112066.5	EP1798835	1798835
FR	Granted	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	04730170.0	EP1620930	EP1620930
FR	Granted	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	07108895.9	1995666	1995666
FR	Granted	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	09163756.1	2107468	2107468

Country	Status	Family	Application Number	Publication Number	Patent Number
FR	Granted	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	09163768.6	2107469	2107469
GB	Granted	Charging Status Indicator Control System and Method	0309942.1	2401259	2401259
GB	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	04012446.3	EP1482619	1482619
GB	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	04802383.2	EP1723493	1723493
GB	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	0312079.7	2402271	2402271
GB	Granted	Universal Serial Bus (USB) Charger for a Mobile Device	04013677.2	EP1487081	1487081
GB	Granted	A Mobile Device for a Universal Serial Bus (USB) Charger	09150956.2	EP2051348	2051348
GB	LAPSED	Universal serial bus charger for a mobile device	0313485.5		2402819
GB	Granted	Electronic Device Including Handheld Electronic Device With Dual Battery Configuration and Associated Method	08167190.1	EP2015422	2015422
GB	Granted	Universal Peripheral Connector	05107475.5	EP1760599	1760599
GB	Granted	System and Methods for Charging a Chargeable USB Device	05003190.5	EP1691252	1691252
GB	Granted	Power Management Systems and Methods for a Mobile Device	05013281.0	EP1737099	1737099
GB	Granted	Apparatus and Method to Support USB Enumeration of a Bus Powered Handheld Device	05109552.9	EP1775652	1775652
GB	Granted	Charging and Power Supply for Mobile Devices	05112066.5	EP1798835	1798835
GB	Granted	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	0309804.3	2401258	2401258
GB	Abandoned	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	04730170.0	EP1620930	EP1620930
GB	Granted	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	07108895.9	1995666	1995666

Country	Status	Family	Application Number	Publication Number	Patent Number
GB	Granted	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	09163756.1	2107468	2107468
GB	Granted	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	09163768.6	2107469	2107469
PCT	Expired	Circuit and Method of Operation for an Electrical Power Supply	PCT/CA2004/000249	WO2004075371	N/A
PCT	Expired	Charging Status Indicator Control System and Method	PCT/CA2004/000663	WO2004098020	N/A
PCT	Expired	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	PCT/CA2004/002208	WO2005078554	N/A
PCT	Expired	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	PCT/CA2004/002209	WO2005078555	N/A
PCT	Expired	Charging and Power Supply for Mobile Devices	PCT/CA2006/002025	WO2007068106	N/A
PCT	Expired	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	PCT/CA2004/000659	WO2004098019	N/A
SG	Granted	Circuit and Method of Operation for an Electrical Power Supply	200505173-5		115972
SG	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	200405773-3	116561	116561
SG	Granted	Universal Serial Bus Charger for a Mobile Device	200403406-2	118260	118260
SG	Abandoned	Universal Serial Bus Current Limit	200503454-1	117617	N/A
SG	Abandoned	Universal Serial Bus Current Limit	200718181-1	137869	N/A
SG	Abandoned	Universal Serial Bus Current Limit	201103441-0	171686	N/A
US	Granted	Multifunctional Charger System and Method	12/714,204	2010-0148724	7834586
US	Granted	Communication Device with a USB Port for Charging	12/905,934	2011-0025262	7986127
US	Granted	Multifunctional Charger System and Method	13/175,487	2011-0285346	8169187
US	Granted	Multifunctional Charger System and Method	13/175,509	2011-0279080	8232766

Country	Status	Family	Application Number	Publication Number	Patent Number
US	Granted	Multifunctional Charger System and Method	13/536,767	2012-0293113	8624550
US	Granted	Multifunctional Charger System and Method	11/175,885	2005-0245138	7239111
US	Granted	Adapter System and Method for Powering a Device	11/749,680	2007-0216353	7453233
US	Granted	System and Method for Charging a Battery in a Mobile Device	12/268,297	2009-0058359	7737657
US	Granted	System and Method for Powering and Charging a Battery in a Mobile Communication Device	10/087,391	2003-0054703	6946817
US	Granted	Multifunctional Charger System and Method	10/087,629	2003-0052547	6936936
US	Expired	Multifunctional charger system and method	60/330,486	N/A	N/A
US	Expired	System and method for adapting a USB to provide power for charging a mobile device	60/273,021	N/A	N/A
US	Granted	Circuit and Method of Operation for an Electrical Power Supply	12/860,591	2010-0308777	7906940
US	Granted	Circuit and Method of Operation for an Electrical Power Supply	13/028,361	2011-0133702	7999514
US	Granted	Circuit and Method of Operation for an Electrical Power Supply	13/175,541	2011-0260680	8541983
US	Granted	Circuit and Method of Operation for an Electrical Power Supply	12/696,655	2010-0219797	7847520
US	Granted	Circuit and Method of Operation for an Electrical Power Supply	10/372,180	2004-0164708	7791319
US	Granted	Charging Status Indicator Control System and Method	11/749,676	2007-0236184	7573242
US	Granted	Charger System and Method	12/496,042	2009-0267569	7812565
US	Granted	Charger System and Method	12/892,709	2011-0018493	8193776
US	Granted	Charger System and Method	13/466,794	2012-0217924	8330422
US	Granted	Charging Status Indicator Control System and Method	10/834,887	2005-0001592	7479762
US	Abandoned	Charger System and Method	13/670,143	2013/0063081	N/A
US	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	12/419,897	2009-0200989	7768239

Country	Status	Family	Application Number	Publication Number	Patent Number
US	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	12/650,245	2010-0102774	8111040
US	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	12/689,587	2010-0117595	7847517
US	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	12/842,763	2010-0289456	7893660
US	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	13/031,493	2011-0140674	8283897
US	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	13/645,152	2013-0033226	8610407
US	Granted	Method and Apparatus for Controlling a Charging State in a Mobile Electronic Device	11/026,590	2005-0189909	7679316
US	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	11/026,443	2005-0189908	7663338
US	Granted	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	10/852,781	2004-0239294	7518343
US	Expired	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	60/545,433	N/A	N/A
US	Expired	Method and Apparatus for Handling a Charging State in a Mobile Electronic Device	60/545,434	N/A	N/A
US	Granted	Universal Serial Bus Charger for a Mobile Device	11/620,367	2007-0108938	7358703
US	Granted	Universal Serial Bus Charger for a Mobile Device	10/864,584	2004-0251878	7170259
US	Granted	Electronic Device Including Handheld Electronic Device With Dual Battery Configuration and Associated Method	12/333,080	2009-0096409	8253371
US	Granted	Electronic Device Including Handheld Electronic Device With Dual Battery Configuration and Associated Method	10/788,078	2005-0189913	7479759
US	Granted	Universal Serial Bus Current Limit	10/857,966	2005-0269883	8378527
US	Abandoned	Universal Serial Bus Current Limit	13/765,464	2013-0159737	N/A
US	Granted	Universal Peripheral Connector	13/209,680	2011-0307906	8554971

Country	Status	Family	Application Number	Publication Number	Patent Number
US	Granted	Universal Peripheral Connector	14/047,617	2014/0040522	9098429
US	Granted	Universal Peripheral Connector	11/203,198	2007-0038785	8024500
US	Pending	Universal Peripheral Connector	14/815,229	N/A	N/A
US	Granted	Systems and Methods for Charging a Chargeable USB Device	12/695,909	2010-0127864	7884571
US	Granted	Systems and Methods for Charging a Chargeable USB Device	13/022,541	2011-0127950	8154245
US	Granted	System and Methods for Charging a Chargeable USB Device	11/057,976	2006-018124	7679317
US	Granted	Power Management Systems and Methods for a Mobile Device	11/156,388	2006-0287007	7657290
US	Granted	Apparatus and Method to Support USB Enumeration of a Bus Powered Handheld Device	12/402,291	2009-0210739	7984318
US	Granted	Apparatus and Method to Support USB Enumeration of a Bus Powered Handheld Device	11/248,430	2007-0088967	7523338
US	Granted	Charging and Power Supply for Mobile Devices	12/716,535	2010-0156179	7893655
US	Granted	Charging and Power Supply for Mobile Devices	13/004,175	2011-0099802	7965058
US	Granted	Charging and Power Supply for Mobile Devices	11/299,701	2007-0132427	7701173
US	Granted	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	10/834283	2005-0001590	7471059
US	Granted	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	12/275093	2009-0072789	7714534
US	Granted	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	12/775988	2010-0213899	7816885
US	Granted	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	12/763721	2010-0201319	7893653
US	Granted	MULTIPLE FUNCTION CURRENT-SHARING CHARGING SYSTEM AND METHOD	12/916161	2011-0043167	8111039

Country	Status	Family	Application Number	Publication Number	Patent Number
US	Granted	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	11/753194	2008-0294923	7631126
US	Granted	SYSTEM AND METHOD FOR INTERFACING AN ELECTRONIC DEVICE WITH A HOST SYSTEM	12/613926	2010-0057973	8041866