503057198 11/11/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3103799

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK A. YOSHIMOTO	11/10/2014
TALBOTT M. HOUK	11/11/2014
JAMIE L. LANGLINAIS	11/11/2014

RECEIVING PARTY DATA

Name:	Apple Inc.
Street Address:	1 Infinite Loop
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14538729

CORRESPONDENCE DATA

Fax Number: (408)341-3098

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: 408-341-3000

Email: rorlando@wcsr.com

WOMBLE CARLYLE SANDRIDGE & RICE LLP **Correspondent Name:**

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Address Line 2: P.O. BOX 7037

Address Line 4: ATLANTA, GEORGIA 30357-0037

ATTORNEY DOCKET NUMBER:	P20171US1/19270US.1
NAME OF SUBMITTER:	PATRICK D. CUMMINS
SIGNATURE:	/Patrick D. Cummins/
DATE SIGNED:	11/11/2014

Total Attachments: 3

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> **PATENT REEL: 034149 FRAME: 0770** 503057198

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

UNIFIED HIGH POWER AND LOW POWER BATTERY CHARGER

(Atty. Docket No. P20171US1/19270US.1) which bears application No. 14/538,729 which is a provisional application.
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:
1) Sell, assign and transfer to Apple Inc., a California corporation having a place of business at 1 Infinite Loop, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest to the above-referenced application, any and all improvements and inventions disclosed therein, as well as concurrent applications, applications having priority claims to/from, any derivative applications thereof, foreign or Patent Cooperation Treaty ("PCT") applications based in whole or at least in part thereon, and any and all patents resulting from such applications (including foreign patents and the right to claim priority).
2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, design application, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
6) Authorize and request my attorney/agent to insert above the application No. in order to assis with recordal of this assignment.
Signed on the date indicated beside my signature.
Signature: 9nal a Yeld Date: 11/10/14

(Atty. Docket No. P20171US1/19270US.1)

PATENT REEL: 034149 FRAME: 0771

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled.

UNIFIED HIGH POWER AND LOW POWER BATTERY CHARGER

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- () Self-assign and transfer to Apple Inc. a California corporation having a place of bisiness of Linfinite Loop. Capertino. CA 15014 (ASSIGNES) the entire right, title and interest to the above referenced application, any and all improvements and inventions disclosed therein, as well as concurrent applications applications having priority claims to from, any derivative applications thereof, foreign or Patent Cooperation Treaty (PCT) applications based in whole or at least in part thereon, and any and all patents resulting from such applications (including foreign patents and the right to claim priority).
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- Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the procedurer of said application, as well as any directors applications increal, foreign applications based thereon, and or the enforcement of patents resulting from such applications.
- 4) Agree that the terms coverages and conditions of this assignment shall have to the benefit of the ASSIGNEE its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the recentor's bears, legal representatives and assigns.
- Contain and represent that I have not emerced and will not enter the any assignment contain, or understanding that conflicts with this assignment.
- Authorize and respect me anomer agent to insert above the application No. in order to assist with records of this assignment.

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ASSIGNMENT OF PATENT APPLICATION

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UNIFIED HIGH POWER AND LOW POWER BATTERY CHARGER

(Atty. Docket No. P20171US1/19270US.1)
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1) Sell, assign and transfer to Apple Inc., a California corporation having a place of business at 1 Infinite Loop, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest to the above-referenced application, any and all improvements and inventions disclosed therein, as well as concurrent applications, applications having priority claims to/from, any derivative applications thereof, foreign or Patent Cooperation Treaty ("PCT") applications based in whole or at least in part thereon, and any and all patents resulting from such applications (including foreign patents and the right to claim priority).
2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, design application, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.
Signed on the date indicated beside my signature.
Signature: Typed Name: Jame L. LANGLINAIS Date:

(Atty. Docket No. P20171US1/19270US.1)

RECORDED: 11/11/2014

v1.1 **PATENT REEL: 034149 FRAME: 0773**