

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2860798

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
COLLIN D. CHAN	05/08/2014
MATTHEW W. CROWLEY	05/17/2014
JUDE MARY RUNGE	05/13/2014
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:	14280462
CORRESPONDENCE DATA	
Fax Number:	(408)341-3098
<i>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.</i>	
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Email:	rorlando@wcsr.com
Correspondent Name:	WOMBLE CARLYLE SANDRIDGE & RICE LLP
Address Line 1:	10050 NORTH WOLFE ROAD, SUITE 260
Address Line 4:	CUPERTINO, CALIFORNIA 95014
ATTORNEY DOCKET NUMBER:	P21441US1/19220US.1
NAME OF SUBMITTER:	PATRICK D. CUMMINS
SIGNATURE:	/Patrick D. Cummins/
DATE SIGNED:	05/19/2014
Total Attachments: 3	
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source=P21441US1_ASG_EF#page2.tif	
source=P21441US1_ASG_EF#page3.tif	

ASSIGNMENT OF PATENT APPLICATION

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

ENCAPSULATION OF A STIFFENER LAYER IN ALUMINUM

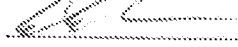
(Atty. Docket No. P21441US1/19220US.1)

- for which I have executed a U.S. patent application on even date herewith.
 which bears U.S. application No. 14/280,462
 which is a U.S. 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 in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, 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: Colin D. KHAN

Date: 5/8/14

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Signed on the date indicated beside my signature.

Signature: 
Typed Name: Matthew W. CROWLEY

Date: 5/17/2014

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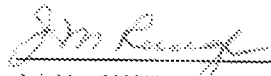
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Signed on the date indicated beside my signature.

Signature:
Typed Name:


Julie Mary RUNGE

Date: 5/13/2014