

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2633604

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES R. CAZZOLI	11/22/2013
NATHANIEL H. HENDERSON	12/02/2013
CHRISTOPHER A. HUNT	12/02/2013

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:	14094249

CORRESPONDENCE DATA

Fax Number: (408)341-3098
 Phone: (408) 341-3000
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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:	P21143US1/19400US.1
NAME OF SUBMITTER:	MICHAEL J. FERRAZANO
Signature:	/Michael J. Ferrazano/
Date:	12/02/2013

Total Attachments: 3
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CH \$40.00 14094249

ASSIGNMENT OF PATENT APPLICATION

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

FLOOD COOLANT TO THROUGH SPINDLE COOLANT CONVERSION

(Atty. Docket No. P21143US1/19400US.1)

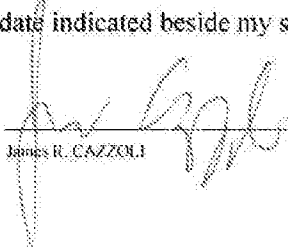
- for which I have executed a U.S. patent application on even date herewith.
 which bears U.S. application No. 14/094,249.
 which is a U.S. provisional application.

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:


James R. CAZZOLI

Date:

11/22/13

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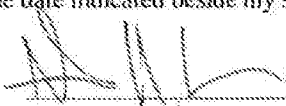
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Signed on the date indicated beside my signature.

Signature: 
Typed Name: Nathaniel B. HENDERSON

Date: 12/2/2013

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(Atty. Docket No. P21143US1/19400US.1)

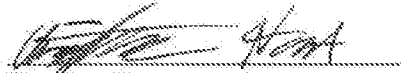
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- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

Signature:
Typed Name:


Christopher A. HUNT

Date:

12/2/13