PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3527484

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SECOND ASSIGNOR'S NAME FROM "CURCIO, JOSEPH C." TO "CURCIO, JOSEPH J." previously recorded on Reel 035759 Frame 0569. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
RODERICK B. HOGAN	03/30/2015
JOSEPH J. CURCIO	03/30/2015
NATHAN JOHANNINGSMEIER	03/30/2015

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:	14641276

CORRESPONDENCE DATA

Fax Number: (650)326-2422

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: 650-326-2400

Email: bkanter@kilpatricktownsend.com

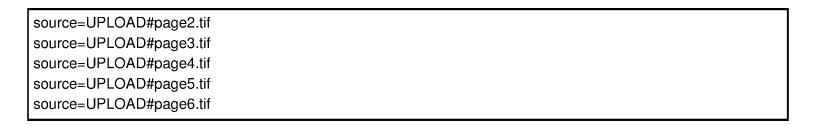
Correspondent Name: KILPATRICK TOWNSEND & STOCKTON Address Line 1: TWO EMBARCADARO CENTER, 8TH FLOOR

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	90911-P20013US1-917017
NAME OF SUBMITTER:	BRIAN KANTER
SIGNATURE:	/Brian Kanter/
DATE SIGNED:	09/15/2015

Total Attachments: 6 source=UPLOAD#page1.tif

> **PATENT** REEL: 036617 FRAME: 0135 503480859



PATENT REEL: 036617 FRAME: 0136 Assignment Page 1 of 2

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the APPLICATION NUMBER FROM "14461276" TO "14641276" previously recorded on Reel 035297 Frame 0939. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
RODERICK B. HOGAN	03/30/2015
JOSEPH C. CURCIO	03/30/2015
NATHAN JOHANNINGSMEIER	03/30/2015

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:	14641276

CORRESPONDENCE DATA

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Email: lgilday@kilpatricktownsend.com

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.

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON

Address Line 1: TWO EMBARCADERO CENTER, 8TH FLOOR

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER: 90911-P20013US1-917017

NAME OF SUBMITTER:	LELIA K. GILDAY
Signature:	/Lelia K. Gilday/
Date:	05/22/2015
Total Attachments: 3 source=Corrected_Recordation#page1.tif source=Corrected_Recordation#page2.tif source=Corrected_Recordation#page3.tif	
RECEIPT INFORMATION	
EPAS ID: PAT3366 Receipt Date: 05/22/20	· - · · · · · · · · · · · · · · · · · ·

Attorney Docket No.: 90911-P20013US1-917017

Client Reference No.: P20013US1

ASSIGNMENT OF PATENT APPLICATION

Joseph J. Clarker

JOINT

WHEREAS, Roderick B. Hogan, Joseph C. Curcio and Nathan Johanningsmeier, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

REUSE OF PLUG DETECTION CONTACTS TO REDUCE

CROSSTALK

Filing Date:

March 6, 2015

Application No.:

14/641,276; and

WHEREAS, APPLE INC., a corporation of the state of California, located at 1 Infinite Loop, Cupertino, CA 95014, hereinafter referred to as "ASSIONEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignors, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Kilpatrick Townsend & Stockton LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have sigged their names on the dates indicated.

Dated: 30 MAKEN 2015

Røderick B. Hogan

Dated: 30 Mar 15

Joseph C. Curcio

Joseph T Caraco

" 4 //S/ 20 is.

Kilpatrick Townsend 66988465 1

Assignment

Attorney Docket No.: 90911- P20013US1-917107 Page 2

Nathan Johanningsmeier

Attorney Docket No.: 90911-P20013US1-917017

Client Reference No.: P20013US1

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Roderick B. Hogan, Joseph C. Curcio and Nathan Johanningsmeier, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: REUSE OF PLUG DETECTION CONTACTS TO REDUCE

CROSSTALK

Filing Date: March 6, 2015

Application No.: 14/641,276; and

WHEREAS, APPLE INC., a corporation of the state of California, located at 1 Infinite Loop, Cupertino, CA 95014, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors. Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignors, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Kilpatrick Townsend & Stockton LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 30 MARCH 2015

Røderick B. Hogan

Dated: 35 Mar 15

Joseph C. Curcio

Assignment

Attorney Docket No.: 90911- P20013US1-917107

Page 2

Dated: 3/50//S

Nathan Johanningsmeier

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RECORDED: 09/15/2015