504132239 12/15/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4188525

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANI ESMAEILI	11/11/2016
OLIVER ROSS	11/09/2016
BRETT DEGNER	09/02/2016
DANIEL WAGMAN	12/13/2016
ERIC S. JOL	12/15/2016
IBUKI KAMEI	12/15/2016
MAHMOUD R. AMINI	08/31/2016

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:	15256470

CORRESPONDENCE DATA

Fax Number:(415)576-0300Correspondence 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:4155760200

FIIONE.	41337 80200	
Email:	pcaldwell@kilpatricktownsend.com	
Correspondent Name:	KILPATRICK TOWNSEND & STOCKTON LLP/APPLE	
Address Line 1:	1100 PEACHTREE STREET	
Address Line 2:	MAILSTOP: IP DOCKETING 22	
Address Line 4:	ATLANTA, GEORGIA 30309	

ATTORNEY DOCKET NUMBER:	090911-P29153US1-0958111
NAME OF SUBMITTER:	PATRICIA CALDWELL
SIGNATURE:	/Patricia Caldwell/
DATE SIGNED:	12/15/2016

Total Attachments: 14
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(Patent Application)

JOINT

WHEREAS, Hani Esmaeili, Oliver Ross, Brett Degner, Daniel Wagman, Eric S. Jol, Ibuki Kamei, and Mahmoud R. Amini, 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:	ELECTRONIC DEVICE WITH MOVEABLE CONTACTS AT AN EXTERIOR SURFACE
Filing Date:	September 2, 2016
Application No.:	15/256,470

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.

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

indicated.	1 - ();
Signature:	Hal
	Hani Esmaçili

11-11-16Date:

(Patent Application)

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Signature:

Date:

Hani Esmaeili

Page 1 of 2

Assignment Attorney Docket No.: 090911-P29153US1-0958111 Page 2 of 2

Signature:	Oliver Ross	Date:	11/09/2016
Signature:	Brett Degner	Date:	
Signature:	Daniel Wagman	Date:	
Signature:	Eric S. Jol	Date:	
Signature:	Ibuki Kamei	Date:	
Signature:	Mahmoud R. Amini	Date:	

(Patent Application)

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Title of Invention: ELECTRONIC DEVICE WITH MOVEABLE CONTACTS AT AN EXTERIOR SURFACE

Filing Date: September 2, 2016 Application No.: 15/256,470

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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.

Signature:

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Date:

Hiva Esmaeili

Page 1 of 2

Signature:		Date:	
Signature:	Oliver Ross <u>Met W. Degm</u> Brett Degner	Date:	9-2-16
Signature:		Date:	
	Daniel Wagman		
Signature:		Date:	
	Eric S. Jol		
Signature:		Date:	
	Ibuki Kamei		
Signature:		Date:	
	Mahmoud R. Amini		

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ASSIGNMENT (Patent Application)

JOINT

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Title of Invention:	ELECTRONIC DEVICE WITH MOVEABLE CONTACTS AT AN EXTERIOR SURFACE
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Signature:

Date:

Hani Esmaeili

Assignment Attorney Docket No.: 090911-P29153US1-0958111 Page 2 of 2

Signature:		Date:	
-	Oliver Ross		
Signature:	Brett Degner	Date:	
Signature:	Da/ Ulegana Daniel Wagman	Date:	12/13/2016
Signature:	Eric S. Jol	Date:	
Signature:	Ibuki Kamei	Date:	
Signature:	Mahmoud R. Amini	Date:	·

(Patent Application)

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Title of Invention:	ELECTRONIC DEVICE WITH MOVEABLE CONTACTS AT AN EXTERIOR SURFACE
Filing Date:	September 2, 2016
Application No.:	15/256,470

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Signature:

Date:

Hani Esmaeili

Signature:		Date:	
	Oliver Ross		
Signature:		Date:	
	Brett Degner		
Signature:	Daniel Wagman	Date:	<u></u>
Signature:		Date:	12/15-/16
-	Eric S. Jol		
Signature:	Huhi Fer	Date:	12/15/16
	Ibuki Kamei		
0		Dista	
Signature:	Mahmoud R. Amini	Date:	

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(Patent Application)

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Page 1 of 2

Assignment Attorney Docket No.: 090911-P29153US1-0958111 Page 2 of 2

Signature:		Date:	
	Oliver Ross		
Signature:		Date:	
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	Daniel Wagman		
Signature:		Date:	
	Eric S. Jol		
Signature:		Date:	
	Ibuki Kamej		
Signature:		Date:	<u> </u>
	Mahmoud R. Amini		5 m 5 Kg

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PTO/AIA/01 (08-12)

Approved for use through 01/31/2014. ONB 0651-0032
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DECLADATION (27 CED 3 COLUTE IN) OD DECION ADDUCATION NOW

DECLARA	TION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
	APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	NIC DEVICE WITH MOVEABLE CONTACTS AT AN EXTERIOR SURFACE
As the below named in	ventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number
	filed on
The above-identified ap	plication was made or authorized to be made by me.
I believe that I am the o	riginal inventor or an original joint inventor of a claimed invention in the application.
l hereby acknowledge t by fine or imprisonment	hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 of not more than five (5) years, or both.
	WARNING:
contribute to identify the other than a check or c o support a petition or oetitioners/applicants st USPTO. Petitioner/app application (unless a no patent. Furthermore, th referenced in a publishe	autioned to avoid submitting personal information in documents filed in a patent application that may off. Personal information such as social security numbers, bank account numbers, or credit card numbers redit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTC an application. If this type of personal information is included in documents submitted to the USPTO, nould consider redacting such personal information from the documents before submitting them to the licant is advised that the record of a patent application is available to the public after publication of the n-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a e record from an abandoned application may also be available to the public if the application is application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms r payment purposes are not relained in the application file and therefore are not publicly available.
LEGAL NAME OF IN	VENTOR
Inventor: <u>Matimoud F</u> Signature.	Amini Date (Optional) (7 7 11 16
Vote: An application data s Jse an additional PTO/AIA	thest (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. v01 form for each additional inventor.
ie Ophilo to process) an app	required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and i incation. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to recognize and submitting the completed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to

complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this kurden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450,

If you need assistance in completing the form, call 1-600-PT0-9109 and select option 2.

ASSIGNMENT OF PROVISIONAL PATENT APPLICATION

JOINT

WHEREAS, Hiva Esmaeili, Oliver Ross, Brett Degner, Daniel Wagman, Eric S. Jol, Ibuki Kamei and Mohmoud R. Amini, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified provisional patent application:

Title of Invention:	ACCESSORY-SIDE CONTACT STRUCTURES FOR ELECTRONIC DEVICES
Filing Date:	September 8, 2015
Application No.:	62/215,707

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;

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Signature:

Date:

Hiva Esmaeili

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Assignment Attorney Docket No. 90911-P29153USP1-957952 Page 2 of 2

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Signature:	Brett Degner	Date:	
Signature:	Daniel Wagman	Date:	
Signature:	Eric S. Jol	Date:	
Signature:	Ibuki Kamei	Date:	
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RECORDED: 12/15/2016