

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4466234

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL C. WAGMAN	06/13/2017
BENJAMIN J. KALLMAN	03/31/2017
HANI ESMAEILI	04/13/2017
STEFAN A. KOWALSKI	05/09/2017
DANIEL T. MCDONALD	03/30/2017
ERIC S. JOL	05/30/2017
RAYMUND W. M. KWOK	03/19/2017
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:	15464051
CORRESPONDENCE DATA	
Fax Number:	(925)472-8895
<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>	
Phone:	925-472-5000
Email:	sarnold@kilpatricktownsend.com
Correspondent Name:	SYLVIA ARNOLD
Address Line 1:	KILPATRICK TOWNSEND & STOCKTON
Address Line 2:	2175 N. CALIFORNIA STREET #600
Address Line 4:	WALNUT CREEK, CALIFORNIA 94596
NAME OF SUBMITTER:	SYLVIA E. ARNOLD
SIGNATURE:	/Sylvia E. Arnold/
DATE SIGNED:	06/19/2017

Total Attachments: 12

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ASSIGNMENT
(Patent Application)

JOINT

WHEREAS, Daniel C. Wagman; Benjamin J. Kallman; Hani Esmacili; Stefan A. Kowalski; Daniel T. McDonald; Eric S. Jol; and Raymund W.M. Kwok, 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: PRECIOUS-METAL-ALLOY CONTACTS

Filing Date: March 20, 2017

Application No.: 15/464,051

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.

Signature: _____

Daniel C. Wagman

Date: 6/13/2017

ASSIGNMENT
(Patent Application)

JOINT

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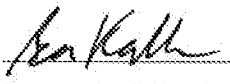
Assignors hereby authorize and request Kilpatrick Townsend & Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, Georgia 30309, to insert herein above the application number and filing date of said application when known.

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

Signature: _____

Date: _____

Daniel C. Wagman

Signature:  Date: 03/31/17
Benjamin J. Kallman

Signature: _____ Date: _____
Hani Esmacili

Signature: _____ Date: _____
Stefan A. Kowalski

Signature: _____ Date: _____
Daniel T. McDonald

Signature: _____ Date: _____
Eric S. Jol

Signature: _____ Date: _____
Raymund W.M. Kwok

Signature: _____

Benjamin J. Kallman

Date: _____

Signature: _____

Hani Esmaeili

Date: 4/18/17

Signature: _____

Stefan A. Kowalski

Date: _____

Signature: _____

Daniel T. McDonald

Date: _____

Signature: _____

Eric S. Jol

Date: _____

Signature: _____

Raymund W.M. Kwok

Date: _____

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(Patent Application)

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Signature: _____

Daniel C. Wagman

Date: _____

Signature: _____ Date: _____

Benjamin J. Kallman

Signature: _____ Date: _____

Hani Esmaeili

Signature:  _____ Date: 5/9/17

Stefan A. Kowalski

Signature: _____ Date: _____

Daniel T. McDonald

Signature: _____ Date: _____

Eric S. Jol

Signature: _____ Date: _____

Raymund W.M. Kwok

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Daniel C. Wagman

Signature: _____ Date: _____

Benjamin J. Kallman

Signature: _____ Date: _____

Hani Esmacili

Signature: _____ Date: _____

Stefan A. Kowalski

Signature:  Date: 3/30

Daniel T. McDonald

Signature: _____ Date: _____

Eric S. Jol

Signature: _____ Date: _____

Raymund W.M. Kwok

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(Patent Application)

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Signature: _____ Date: 30 May 17

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Signature: _____ Date: _____

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Signature: _____ Date: _____
Daniel T. McDonald

Signature: _____ Date: _____
Eric S. Jol

Signature: _____ Date: March 19, 2017
Raymund W.M. Kwok