## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5136821

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL C. WAGMAN	09/10/2018
MAHMOUD AMINI	09/10/2018
ERIC S. JOL	09/07/2018

#### **RECEIVING PARTY DATA**

Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16102529

#### **CORRESPONDENCE DATA**

**Fax Number:** (925)472-8895

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:** 925-472-5000

**Email:** sarnold@kilpatricktownsend.com

Correspondent Name: SYLVIA ARNOLD

Address Line 1: KILPATRICK TOWNSEND & STOCKTON LLP/APPLE

Address Line 2: 1100 PEACHTREE STREET, SUITE 2800

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	090911-P28445USX1-1082879
NAME OF SUBMITTER:	SYLVIA ARNOLD
SIGNATURE:	/Sylvia E. Arnold/
DATE SIGNED:	09/12/2018

#### **Total Attachments: 5**

source=2018-09-12\_ASN\_090911-P28445USX1-1082879#page1.tif source=2018-09-12\_ASN\_090911-P28445USX1-1082879#page2.tif source=2018-09-12\_ASN\_090911-P28445USX1-1082879#page3.tif

PATENT 505090063 REEL: 046849 FRAME: 0987

source=2018-09-12\_ASN\_090911-P28445USX1-1082879#page4.tif source=2018-09-12\_ASN\_090911-P28445USX1-1082879#page5.tif

PATENT REEL: 046849 FRAME: 0988

# ASSIGNMENT (Patent Application)

JOINT

WHEREAS, Daniel C. Wagman, Mahmoud Amini and Eric S. Jol, 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:

LOW-PROFILE SPRING-LOADED CONTACTS

Filing Date:

August 13, 2018

Application No.:

16/102,529

WHEREAS, APPLE INC., a corporation of the state of California, located at One Apple Park Way, Cupertino, California 95014, United States of America, 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:	9/10/2018
Signature:	Mahmoud Amini	Date:	·

Page 1 of 2

## ASSIGNMENT

(Patent Application)

**JOINT** 

WHEREAS, Daniel C. Wagman, Mahmoud Amini and Eric S. Jol, 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: LOW-PROFILE SPRING-LOADED CONTACTS

Filing Date: August 13, 2018

Application No.: 16/102,529

WHEREAS, APPLE INC., a corporation of the state of California, located at One Apple Park Way, Cupertino, California 95014, United States of America, 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:		Date:		
	Daniel C. Wagman			
Signature:	Mahmoud Amini	Date:	09/10/18	_

Page 1 of 2

Assignment Attorney Docket No.: 090911-P28445USX1-1082879

U.S. Appl. No. 16/102,529 Page **2** of **2** 

Signature:		Date:	
	Eric S. Jol		

**PATENT** REEL: 046849 FRAME: 0991

# ASSIGNMENT

(Patent Application)

**JOINT** 

WHEREAS, Daniel C. Wagman, Mahmoud Amini and Eric S. Jol, 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:

LOW-PROFILE SPRING-LOADED CONTACTS

Filing Date:

August 13, 2018

Application No.:

16/102,529

WHEREAS, APPLE INC., a corporation of the state of California, located at One Apple Park Way, Cupertino, California 95014, United States of America, 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:		Date:	
	Daniel C. Wagman	<del></del>	
Signature:		Date:	
	Mahmoud Amini		

Page 1 of 2

Assignment Attorney Docket No.: 090911-P28445USX1-1082879

U.S. Appl. No. 16/102,529 Page **2** of **2** 

Signature:

Date: 09 07 18

70705512V.1

**PATENT** REEL: 046849 FRAME: 0993