

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4563497

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	QIUMING LI	07/21/2017
	NICHOLAS M. MCDONNELL	07/21/2017
	MICHAEL J. NEWMAN	07/27/2017
	XIAOYU CHENG	07/22/2017
	SWAPNIL S. JAIN	07/21/2017
	HARDIK JOSHI	07/21/2017
	NEERAJ GUPTA	07/21/2017
	MOHIT NARANG	08/22/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	APPLE INC.	
<b>Street Address:</b>	1 INFINITE LOOP	
<b>City:</b>	CUPERTINO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	95014	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15671006	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(949)851-9348	
<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>		
<b>Email:</b>	sclin@mwe.com, applemwe@mwe.com	
<b>Correspondent Name:</b>	MCDERMOTT WILL & EMERY LLP	
<b>Address Line 1:</b>	4 PARK PLAZA	
<b>Address Line 2:</b>	SUITE 1700	
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614-2559	
<b>ATTORNEY DOCKET NUMBER:</b>	100947-0098 (P32381US1)	
<b>NAME OF SUBMITTER:</b>	MARK J. ITRI, REG. NO. 36,171	
<b>SIGNATURE:</b>	/Mark J. Itri/	

DATE SIGNED:	08/23/2017
--------------	------------

**Total Attachments: 9**

source=100947-0098\_Executed\_Assignments\_Complete#page1.tif  
source=100947-0098\_Executed\_Assignments\_Complete#page2.tif  
source=100947-0098\_Executed\_Assignments\_Complete#page3.tif  
source=100947-0098\_Executed\_Assignments\_Complete#page4.tif  
source=100947-0098\_Executed\_Assignments\_Complete#page5.tif  
source=100947-0098\_Executed\_Assignments\_Complete#page6.tif  
source=100947-0098\_Executed\_Assignments\_Complete#page7.tif  
source=100947-0098\_Executed\_Assignments\_Complete#page8.tif  
source=100947-0098\_Executed\_Assignments\_Complete#page9.tif

**ASSIGNMENT**

WHEREAS we, Qiuming LI, Nicholas M. MCDONNELL, Michael J. NEWMAN, Xiaoyu CHENG, Swapnil S. JAIN, Hardik JOSHI, Neeraj GUPTA, and Mohit NARANG; have made a certain new and useful invention as set forth in an application for United States Patent, entitled MULTIPURPOSE STYLUS WITH EXCHANGEABLE MODULES, which was filed on August 7, 2017, and identified by United States Patent Application No. 15/671,006; and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known;

AND WHEREAS, APPLE INC., a corporation of California and having an address of 1 Infinite Loop, Cupertino, California 95014, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Apple Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any non-provisionals, continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, non-provisional, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

7/21/2017  
Date \_\_\_\_\_ Qiuning LI  
\_\_\_\_\_

\_\_\_\_\_  
Date \_\_\_\_\_ Nicholas M. MCDONNELL  
\_\_\_\_\_

\_\_\_\_\_  
Date \_\_\_\_\_ Michael J. NEWMAN  
\_\_\_\_\_

\_\_\_\_\_  
Date \_\_\_\_\_ Xiaoyu CHENG  
\_\_\_\_\_

\_\_\_\_\_  
Date \_\_\_\_\_ Swapnil S. JAIN  
\_\_\_\_\_

\_\_\_\_\_  
Date \_\_\_\_\_ Hardik JOSHI  
\_\_\_\_\_

\_\_\_\_\_  
Date \_\_\_\_\_ Neeraj GUPTA  
\_\_\_\_\_

\_\_\_\_\_  
Date \_\_\_\_\_ Mohit NARANG  
\_\_\_\_\_

**Docket No.: 100947-0098 (P32381US1)**

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Qiuming LI

\_\_\_\_\_  
Date

7/21/17

\_\_\_\_\_  
Nicholas M. MCDONNELL

\_\_\_\_\_  
Date

\_\_\_\_\_  
Michael J. NEWMAN

\_\_\_\_\_  
Date

\_\_\_\_\_  
Xiaoyu CHENG

\_\_\_\_\_  
Date

\_\_\_\_\_  
Swapnil S. JAIN

\_\_\_\_\_  
Date

\_\_\_\_\_  
Hardik JOSHI

\_\_\_\_\_  
Date

\_\_\_\_\_  
Neeraj GUPTA

\_\_\_\_\_  
Date

\_\_\_\_\_  
Mohit NARANG

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

\_\_\_\_\_  
Date Qiuming LI

\_\_\_\_\_  
Date Nicholas M. MCDONNELL

7/27/2017  
Date Michael J. NEWMAN

\_\_\_\_\_  
Date Xiaoyu CHENG

\_\_\_\_\_  
Date Swapnil S. JAIN

\_\_\_\_\_  
Date Hardik JOSHI

\_\_\_\_\_  
Date Neeraj GUPTA

\_\_\_\_\_  
Date Mohit NARANG

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

---

Date

---

Qiuming LI

---

Date

---

Nicholas M. MCDONNELL

---

Date

---

Michael J. NEWMAN

**July 22, 2017**



---

Date

---

Xiaoyu CHENG

---

Date

---

Swapnil S. JAIN

---

Date

---

Hardik JOSHI

---

Date

---

Neeraj GUPTA

---

Date

---

Mohit NARANG

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

Qiuming LI

Date

Nicholas M. MCDONNELL

Date

Michael J. NEWMAN

Date

Xiaoyu CHENG

Date

07/21/17

Swapnil S. JAIN

Date

Hardik JOSHI

Date

Neeraj GUPTA

Date

Mohit NARANG



Docket No.: 100947-0098 (P32381US1)

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

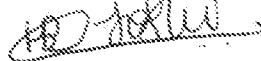
_____	_____
Date	Qiuming LI

_____	_____
Date	Nicholas M. MCDONNELL

_____	_____
Date	Michael J. NEWMAN

_____	_____
Date	Xiaoyu CHENG

_____	_____
Date	Swapnil S. JAIN

07/21/2017	
Date	Hardik JOSHI

_____	_____
Date	Neeraj GUPTA

_____	_____
Date	Mohit NARANG

DM\_US 82152789-1 100947-0098

**Docket No.: 100947-0098 (P32381US1)**

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Qiuming LI

\_\_\_\_\_  
Date

\_\_\_\_\_  
Nicholas M. MCDONNELL

\_\_\_\_\_  
Date

\_\_\_\_\_  
Michael J. NEWMAN

\_\_\_\_\_  
Date

\_\_\_\_\_  
Xiaoyu CHENG

\_\_\_\_\_  
Date

\_\_\_\_\_  
Swapnil S. JAIN

\_\_\_\_\_  
Date

\_\_\_\_\_  
Hardik JOSHI

\_\_\_\_\_  
Date

7/21/2017

\_\_\_\_\_  
Neeraj GUPTA

Neeraj Gupta

\_\_\_\_\_  
Date

\_\_\_\_\_  
Mohit NARANG

DM\_US 82152789-1,100947 0098

**Docket No.: 100947-0098 (P32381US1)**

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Qiuming LI

\_\_\_\_\_  
Date

\_\_\_\_\_  
Nicholas M. MCDONNELL

\_\_\_\_\_  
Date

\_\_\_\_\_  
Michael J. NEWMAN

\_\_\_\_\_  
Date

\_\_\_\_\_  
Xiaoyu CHENG

\_\_\_\_\_  
Date

\_\_\_\_\_  
Swapnil S. JAIN

\_\_\_\_\_  
Date

\_\_\_\_\_  
Hardik JOSHI

\_\_\_\_\_  
Date

\_\_\_\_\_  
Neeraj GUPTA

\_\_\_\_\_  
Date

8/22/2017

\_\_\_\_\_  
Mohit NARANG

DM\_US 82152789-1,100947,0098