## 504916272 05/15/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4963017

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SRIDHAR KOTHA	05/03/2018
NEERAJ PARIK	05/14/2018
HARSHAVARDHAN KAUSHIKKAR	05/03/2018
SRINIVASA RANGAN SRIDHARAN	05/03/2018
XIAOMING WANG	05/07/2018

#### 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:	15980713

### **CORRESPONDENCE DATA**

**Fax Number:** (512)853-8801

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:** 512 853 8800

**Email:** dbeasley@intprop.com

Correspondent Name: MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.

Address Line 1: P.O. BOX 398

Address Line 4: AUSTIN, TEXAS 78767-0398

ATTORNEY DOCKET NUMBER:	1888-31500
NAME OF SUBMITTER:	SCOTT W. PAPE
SIGNATURE:	/Scott W. Pape/
DATE SIGNED:	05/15/2018

**Total Attachments: 6** 

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PATENT REEL: 045813 FRAME: 0924

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> PATENT REEL: 045813 FRAME: 0925

### <u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to Apple Inc. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of California, and having its principal place of business at One Apple Park Way, Cupertino, CA 95014, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled REAL-TIME RESOURCE HANDLING IN RESOURCE RETRY OUEUE, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

(Signature)	Sridhar Kotha	Date: 5/3/2018
		Dotos
Name:	Neeraj Parik	Date:
(Signature) Name:	Harshavardhan Kaushikkar	Date: 5 3 2018
(Signature) <sub>-</sub> Name:	Srinivasa Rangan Sridharan	Date: $\frac{5/3/2018}{}$
(Signature) _ Name:	Xiaoming Wang	Date:

Customer No. 81310
Dean M. Munyon
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.
P.O. Box 398
Austin, TX 78767-0398

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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

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PATENT REEL: 045813 FRAME: 0928 COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

(Signature)_	Cai Ston V. A.	Date:		
Name:	Sridhar Kotha			
(Signature)_	Nooraj Pavik	Date:	05/14/2018	
ivame:	Necraj Parik!			
	•	κ.		
(Signature)		Date:		
Name:	Harshavardhan Kaushikkar		·	~
(Signature)		Date:		
Name:	Srinivasa Rangan Sridbaran		1.4	
(Signature)		Date:		**
Name:	Xiaoming Wang			

Customer No. 81310
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1

PATENT REEL: 045813 FRAME: 0930 COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

(Signature)		Date:
Name:	Sridhar Kotha	
(Signature)_		Date:
Name:	Neeraj Parik	
	Harshavardhan Kaushikkar	Date:
(Signature)		Date:
Name:	Srinivasa Rangan Sridharan	
(Signature) _ Name:	Xiaoming Wang	

Customer No. 81310 Dean M. Munyon

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