# 505820257 12/13/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5867086

		NEW ASSIGNMENT	
NATURE OF CONVEYAN	ICE:	ASSIGNMENT	
CONVEYING PARTY DA	٩ΤΑ		
		Name	Execution Date
MATTHEW C. BYINGTC	N N		11/04/2019
CHRISTOPHER SHARP			11/04/2019
JEFF W. LIN			11/20/2019
RAHUL NARAYAN SING	iH		11/06/2019
SOURABH DUGAR			11/19/2019
YOUSUF H. VAID			11/20/2019
RECEIVING PARTY DA	 TA		
Name:	APPLE	INC.	
Street Address:	ONE A	PPLE PARK WAY	
City:			
State/Country:	CALIFORNIA		
Postal Code:	95014		
	Total: 1		1
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#### **ASSIGNMENT**

WHEREAS we, Matthew C. BYINGTON, Christopher SHARP, Jeff W. LIN, Rahul Narayan SINGH, Sourabh DUGAR, and Yousuf H. VAID; have made a certain new and useful invention as set forth in an application for United States Patent, entitled SECURE TRUSTED SERVICE MANAGER PROVIDER, which was filed on November 11, 2019 and identified by United States Patent Application No. 16/680,273;

AND WHEREAS, APPLE INC., a corporation of California and having an address of One Apple Park Way, 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, we 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, reexaminations 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, we hereby agree with said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we 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, nonprovisional, 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;

<u>/////20/9</u> Date	Matthew C. BYINØTON
Date	Christopher SHARP
Date	Jeff W. LIN
Date	Rahul Narayan SINGH
Date	Sourabh DUGAR
Date	Yousuf H. VAID

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	Matthew C. BYINGTON
<u>11/4/19</u> Date	Christopher SHARP
Date	Jeff W. LIN
Date	Rahul Narayan SINGH
Date	Sourabh DUGAR
Date	Yousuf H. VAID

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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	Matthew C. BYINGTON
Date	Christopher SHARP
<u>\/20/2019</u> Date	John Millin
Date	Rahul Narayan SINGH
Date	Sourabh DUGAR
Date	Yousuf H. VAID

PATENT REEL: 051277 FRAME: 0419

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Date	Matthew C. BYINGTON
Date	Christopher SHARP
Date	Jeff W. LIN
<u>   /D6/ 2.019</u> Date	Rahul Narayan SINGH
Date	Sourabh DUGAR
Date	Yousuf H. VAID

Date	Matthew C. BYINGTON
Date	Christopher SHARP
Date	Jeff W. LIN
Date /19/2019 Date	Rahul Narayan SINGH
Date	Sourabh ØUGAR
Date	Yousuf H. VAID

Date		Matthew C. BYINGTON
Date		Christopher SHARP
Date		Jeff W. LIN
Date		Rahul Narayan SINGH
Date		Sourabh DUGAR
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Date		Yousuf H. VAID