

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
U.S. DEPARTMENT OF HOMELAND SECURITY, SCIENCE AND TECHNOLOGY DIRECTORATE	08/10/2021
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	63009243
Application Number:	63052275
Application Number:	17180509
CORRESPONDENCE DATA	
Fax Number:	(415)267-4198
<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:	4152674000
Email:	carina.morales@dentons.com, patent.docket@dentons.com
Correspondent Name:	RANDY OMID
Address Line 1:	DENTONS US LLP
Address Line 2:	ONE MARKET PLAZA, SPEAR TOWER, SUITE 2400
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NAME OF SUBMITTER:	RANDY OMID
SIGNATURE:	/Randy Omid/
DATE SIGNED:	09/02/2021
Total Attachments: 3	
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ASSIGNMENT

This Assignment is by:

Assignor: **U.S. Department of Homeland Security, Science and Technology Directorate**
Address: **Mail Stop 0205, 245 Murray Lane, Washington, DC 20528**

(referred to in this Assignment as "Assignor,"), having a mailing address listed above.

This Assignment is to:

Assignee: **Apple Inc.**
Address: **One Apple Park Way, Cupertino, California 95014**
A corporation duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), who desires to acquire the entire right, title and interest in the Provisional and Non-provisional applications listed below and the inventions covered thereby, and in any United States or foreign letters patent or patents to be obtained therefor and thereon, subject to the limitations set forth in 15 U.S.C. §3710a.

These inventions were made in a joint effort with government support under the U.S. Department of Homeland Security Cooperative Research and Development Agreement No. 18-TSA-001, authorized by the U.S. Federal Technology Transfer Act of 1986 (codified at 15 U.S.C. §3710a) and awarded by DHS S&T. Assignee agrees that any patent claiming priority to one or all of Provisional or Non-provisional applications below must include the government rights statement below:

"The U.S. Government has certain rights in this invention pursuant to U.S. Department of Homeland Security Cooperative Research and Development Agreement No. 18-TSA-001."

Assignor was or is a lawful owner of a right, title and interest in and to certain new and useful inventions, for which the following Provisional and Non-provisional applications have been filed:

Serial No.: 63/009,243
Filing Date: April 13, 2020
Title: Checkpoint Identity Validation Using Mobile Identification Credential

Serial No.: 63/052,275
Filing Date: July 15, 2020
Title: Checkpoint Identity Validation Using Mobile Identification Credential

Serial No.: 17/180,509
Filing Date: February 19, 2021
Title: CHECKPOINT IDENTITY VERIFICATION ON VALIDATION USING MOBILE IDENTIFICATION CREDENTIAL

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

1. Pursuant to 15 U.S.C. §3710a and the U.S. Department of Homeland Security Cooperative Research and Development Agreement No. 18-TSA-001, Assignor has previously sold, assigned, transferred, and set over to Assignee, its successors, legal representatives and assigns, and hereby sells,

assigns, transfers and sets over, the entire right (including the right to claim priority), title and interest (including any remainder thereof) in and to the above-mentioned inventions, the Provisional and Non-provisional applications, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisional applications, national stage applications, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had previous sale and assignment and this sale and assignment not been made, subject to conditions under 15 U.S.C. §3710a. 15 U.S.C. §3710a(b)(2) which states "the laboratory [the Assignor] shall ensure that a collaborating party [the Assignee] may retain title to any invention made solely by its employee [Assignor employee] in exchange for normally granting the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice the invention or have the invention practiced throughout the world by or on behalf of the Government for research or other Government purposes." Pursuant to 15 U.S.C. §3710a and the U.S. Department of Homeland Security Cooperative Research and Development Agreement No. 18-TSA-001, the Government retains these nonexclusive, nontransferable, irrevocable, paid-up licenses for Government research or other purposes by or on behalf of the Government.

2. Pursuant to 15 U.S.C. §3710a and the U.S. Department of Homeland Security Cooperative Research and Development Agreement No. 18-TSA-001, Assignor represents, warrants and covenants that, at the time of the previous sale and assignment or at the time of the execution and delivery of this agreement, Assignor was or is a lawful owner of the entire right, title and interest in and to said inventions and said Provisional and Non-provisional applications, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.

3. Pursuant to 15 U.S.C. §3710a and the U.S. Department of Homeland Security Cooperative Research and Development Agreement No. 18-TSA-001, Assignor shall, subject to the availability of funds, promptly sign and execute papers and documents, and cooperate with Assignee's effort to procure and maintain rights in (a) said inventions, or said Provisional and Non-provisional applications; (b) any division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in the United States and foreign countries and jurisdictions, including, without limitation, modifications to such letters patent or patents such as through any reissue, re-examination or other post-grant proceeding.

4. Pursuant to 15 U.S.C. §3710a and the U.S. Department of Homeland Security Cooperative Research and Development Agreement No. 18-TSA-001, Assignor hereby grants to attorneys of Apple Inc. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with PCT rules or the rules of the United States Patent and Trademark Office and any foreign patent offices, including the power to insert on this Assignment the application number and filing date of said Provisional and Non-provisional applications when known.

In witness whereby, executed by the undersigned on the dates opposite the undersigned names.

ASSIGNOR: U.S. Department of Homeland Security, Science and Technology Directorate

By: KALPANA B REDDY
Digitally signed by
KALPANA B REDDY
Date: 2021.08.10
14:51:31 -04'00'

Name: Kalpana Reddy
Title: Chief, Technology Transfer & Commercialization Branch (S&T/OIP/T2C)

Execution Date: _____08/10/2021_____

ASSIGNEE: Apple Inc.

By: _____
Name: Jeffrey L. Myers
Title: Chief IP Counsel

Execution Date: _____