503196858 02/26/2015 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	/ DATA			
		Name	Execution Date	
MARC J. KROCHMA	Ľ		02/26/2015	
DANIEL M. VINEGRA	۹D		02/26/2015	
JOHN J. IAROCCI			02/26/2015	
RECEIVING PARTY	DATA			
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Postal Code:	95014	95014		
Property Type Application Number: 146		Number 14632735		
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ASSIGNMENT

(Patent Application)

JOINT

WHEREAS, Marc J. Krochmal, Daniel M. Vinegrad, and John J. Iarocci, 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:	API FOR WEB ACCESS DIRECTLY OR THROUGH INTERMEDIARY
Filing Date:	February 26, 2015
Application No.:	14/632,735

WHEREAS, APPLE INC., a corporation of the state of California, located at 1 Infinite Loop, Cupertino, CA 95014, 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 Assignce and Assignce'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 Assignce'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 Assignce 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.

Assignors hereby authorize and request Kilpatrick Townsend & Stockton LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Signature:

Marc J. Krochmal

Signature:

Daniel M. Vinegrad

Jolin J. Iarocci

Signature:

Date: $\frac{2}{26} \frac{2015}{2015}$ Date: $\frac{2}{26} \frac{2015}{2015}$ Date: $\frac{2}{24} \frac{2015}{2015}$

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RECORDED: 02/26/2015