

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3011827

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IVAN KRSTIC	09/05/2014
PIERRE-OLIVIER J. MARTEL	08/01/2014
AUSTIN G. JENNINGS	07/14/2014
<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>	14292705
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)720-8383
<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>Phone:</b>	408-720-8300
<b>Email:</b>	andy_radke@bstz.com
<b>Correspondent Name:</b>	BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP
<b>Address Line 1:</b>	1279 OAKMEAD PARKWAY
<b>Address Line 4:</b>	SUNNYVALE, CALIFORNIA 94085
<b>ATTORNEY DOCKET NUMBER:</b>	4860P23618
<b>NAME OF SUBMITTER:</b>	KEVIN G. SHAO
<b>SIGNATURE:</b>	/Kevin G. Shao/
<b>DATE SIGNED:</b>	09/05/2014
<b>Total Attachments: 4</b>	
source=P23618US1 Assignment signed#page1.tif	
source=P23618US1 Assignment signed#page2.tif	
source=P23618US1 Assignment signed#page3.tif	
source=P23618US1 Assignment signed#page4.tif	

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 4860P23618

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned

**Ivan Krstić, Pierre-Olivier J. Martel, and Austin G. Jennings,**

hereby sell, assign, and transfer to Apple Inc., a corporation of California, having a principal place of business at 1 Infinite Loop, Cupertino, California 95014, USA, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

**RESTRICTED RESOURCE CLASSES OF AN OPERATING SYSTEM**

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 14/292,705 filed 05/30/2014,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

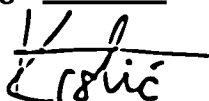
agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

September 5, 20 14  
Date



Signature

Ivan Krstić

Printed/Typed Name

\_\_\_\_\_, 20\_\_\_\_  
Date

Signature

Pierre-Olivier J. Martel

Printed/Typed Name

\_\_\_\_\_, 20\_\_\_\_  
Date

Signature

Austin G. Jennings

Printed/Typed Name

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
1279 Oakmead Parkway  
Sunnyvale, CA 94085-4040  
(408) 720-8300

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**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date Signature

Ivan Krstić  
Printed/Typed Name

8/1, 20 14  
Date Signature

Pierre-Olivier J. Martel  
Printed/Typed Name

\_\_\_\_\_, 20\_\_\_\_  
Date Signature

Austin G. Jennings  
Printed/Typed Name

Assignment Document Return Address:  
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**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date Signature  
Ivan Krstić  
Printed/Typed Name

\_\_\_\_\_, 20\_\_\_\_  
Date Signature  
Pierre-Olivier J. Martel  
Printed/Typed Name

July 19, 2014  
Date Signature  
Austin G. Jennings  
Printed/Typed Name

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
1279 Oakmead Parkway  
Sunnyvale, CA 94085-4040  
(408) 720-8300