

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5754882

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NISHA TALAGALA	07/03/2013
SWAMINATHAN SUNDARARAMAN	07/06/2013
SRIRAM SUBRAMANIAN	07/03/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FUSION-IO, INC.
<b>Street Address:</b>	2855 E. COTTONWOOD PARKWAY
<b>Internal Address:</b>	BOX 100
<b>City:</b>	SALT LAKE CITY
<b>State/Country:</b>	UTAH
<b>Postal Code:</b>	84121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16394926
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)531-1929
<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>	801-994-4646
<b>Email:</b>	docket@kunzlerlaw.com
<b>Correspondent Name:</b>	SCOTT C. HILTON
<b>Address Line 1:</b>	50 WEST BROADWAY
<b>Address Line 2:</b>	10TH FLOOR
<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84101
<b>ATTORNEY DOCKET NUMBER:</b>	FIO-0077*D-1-A-US
<b>NAME OF SUBMITTER:</b>	SCOTT C. HILTON
<b>SIGNATURE:</b>	/Scott C. Hilton/
<b>DATE SIGNED:</b>	10/04/2019
<b>Total Attachments: 4</b>	
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**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN  
APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**

Title of Invention: **SNAPSHOTS FOR A NON-VOLATILE DEVICE**

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

☒ United States application or PCT international application number 13/939,992  
filed on July 11, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the Docket Number provided above in the header of this document;

Whereas, Fusion-io, Inc., a corporation of Delaware having a place of business at 2855 E. Cottonwood Parkway, Box 100, Salt Lake City, Utah 84121, (herein referred to as Fusion-io), desires to acquire, and each undersigned Inventor desires to grant to Fusion-io, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to Fusion-io (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefore in the United States and in all foreign countries and jurisdictions, including all divisions, divisionals, continuations, continuations-in-part, conversions in the case where the above-identified United States patent application is a provisional patent application, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office ("USPTO") to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to Fusion-io, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Fusion-io, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Fusion-io, its successors, legal representatives, and assigns, whenever requested by Fusion-io, its successors, legal representatives, or assigns. Each undersigned Inventor

further agrees to sign all documents and do such additional acts, without additional compensation, as Assignee deems necessary to: prepare and prosecute patent applications directed to the Invention; and conduct proceedings related to the Invention and all related patents and applications, including litigation or post-grant proceeding before the USPTO.

Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Fusion-io and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants Fusion-io, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Utah, and any disputes will be resolved in a Utah state court or federal court sited in Utah.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: NISHA TALAGALA

Signature: N. Talagala Date: 7/3/2013

(2) Legal Name of Inventor: SWAMINATHAN SUNDARARAMAN

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: SRIRAM SUBRAMANIAN

Signature: S. Subramanian Date: 3-JULY-2013

Assignee: \_\_\_\_\_ Date: \_\_\_\_\_

David J. McKenzie  
IP Attorney  
for and on behalf of  
Fusion-io, Inc.

further agrees to sign all documents and do such additional acts, without additional compensation, as Assignee deems necessary to: prepare and prosecute patent applications directed to the Invention; and conduct proceedings related to the Invention and all related patents and applications, including litigation or post-grant proceeding before the USPTO.

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(1) Legal Name of Inventor: **NISHA TALAGALA**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(2) Legal Name of Inventor: **SWAMINATHAN SUNDARARAMAN**

Signature: S. Swaminathan Date: 7/6/13

(3) Legal Name of Inventor: **SRIRAM SUBRAMANIAN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Assignee: \_\_\_\_\_ Date: \_\_\_\_\_

**David J. McKenzie**  
IP Attorney  
for and on behalf of  
Fusion-io, Inc.

further agrees to sign all documents and do such additional acts, without additional compensation, as Assignee deems necessary to: prepare and prosecute patent applications directed to the Invention; and conduct proceedings related to the Invention and all related patents and applications, including litigation or post-grant proceeding before the USPTO.

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(1) Legal Name of Inventor: **NISHA TALAGALA**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(2) Legal Name of Inventor: **SWAMINATHAN SUNDARARAMAN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: **SRIRAM SUBRAMANIAN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Assignee: David J. McKenzie/ Date: July 10, 2013  
**David J. McKenzie**  
**IP Attorney**  
**for and on behalf of**  
**Fusion-io, Inc.**