

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DIPANKAR TALUKDAR	02/08/2015
ALAN J. HERRING	02/10/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GAINSPAN CORPORATION
<b>Street Address:</b>	3590 N. FIRST STREET, SUITE 300
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95134
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14623961
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(310)201-5219
<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>	310 277 7200
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<b>Correspondent Name:</b>	SEYFARTH SHAW LLP
<b>Address Line 1:</b>	2029 CENTURY PARK EAST, SUITE 3500
<b>Address Line 4:</b>	LOS ANGELES, CALIFORNIA 90067-3063
<b>ATTORNEY DOCKET NUMBER:</b>	078580-09
<b>NAME OF SUBMITTER:</b>	ANTHONY J. ORLER
<b>SIGNATURE:</b>	/Anthony J. Orler/
<b>DATE SIGNED:</b>	02/17/2015
<b>Total Attachments: 2</b>	
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source=078580-09_Assignment_As-filed_17February2015#page2.tif	

**ASSIGNMENT**

Seyfarth Shaw LLP Case No. 78580-09

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR,

DIPANKAR TALUKDAR  
ALAN J. HERRING

hereby sells, assigns and transfers to ASSIGNEE, GainSpan Corporation, a California Corporation, having its administrative offices located at 3590 N. First Street, Suite 300, San Jose, California 95134, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions, and in all foreign countries around the world, any and all improvements which are disclosed in the invention entitled:

**EXTERNAL MEMORY TAGGING AND STACK ORDERING OF MEMORY TAGS**

and which is found in U.S. Application No. 14/ filed on DATE,  
| filed herewith

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR requests the Commissioner for Patents to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, GainSpan Corporation.

executed this

8th day of February, 2015

\_\_\_\_\_ day of \_\_\_\_\_, 2015

Signature of Inventor(s)

Dipankar Talukdar  
DIPANKAR TALUKDAR

ALAN J. HERRING

**ASSIGNMENT**

Seyfarth Shaw LLP Case No. 78580-09

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DIPANKAR TALUKDAR  
ALAN J. HERRING

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EXTERNAL MEMORY TAGGING AND STACK ORDERING OF MEMORY TAGS

\_\_\_ and which is found in U.S. Application No. 14/ \_\_\_\_\_ filed on DATE, \_\_\_\_\_  
 filed herewith

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AND the ASSIGNOR requests the Commissioner for Patents to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, GainSpan Corporation.

executed this  
\_\_\_\_\_ day of \_\_\_\_\_, 2015

10 day of February, 2015

Signature of Inventor(s)

\_\_\_\_\_  
DIPANKAR TALUKDAR

\_\_\_\_\_  
ALAN J. HERRING