

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4409987

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HARRY YUE GEE	08/15/2016
ZHEN GU	07/16/2016
NATIVIDAD VASQUEZ	07/19/2016
SUNDAR NARAYANAN	07/16/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CROSSBAR, INC.
<b>Street Address:</b>	3200 PATRICK HENRY DRIVE
<b>Internal Address:</b>	SUITE 110
<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15592982
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)696-8731
<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>	216-696-8730
<b>Email:</b>	epas@thepatentattorneys.com
<b>Correspondent Name:</b>	AMIN, TUROCY & WATSON, LLP/CROSSBAR
<b>Address Line 1:</b>	127 PUBLIC SQUARE, 57TH FL.
<b>Address Line 4:</b>	CLEVELAND, OHIO 44114
<b>ATTORNEY DOCKET NUMBER:</b>	A936SP-015700US/CROSP259A
<b>NAME OF SUBMITTER:</b>	MATTHEW F. CLAPPER
<b>SIGNATURE:</b>	/Matthew F. Clapper/
<b>DATE SIGNED:</b>	05/11/2017
<b>Total Attachments: 3</b>	
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PATENT ASSIGNMENT

WE, Harry Yue Gee, Zhen Gu, Natividad Vasquez and Sundar Narayanan ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "IMPROVED FLATNESS OF MEMORY CELL SURFACES" ("APPLICATION"), which:

- ☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy & Watson, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 23623, to insert here in parenthesis (U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION'S U.S. Serial Number and filing date, when known:
- ☒ was filed on 13-MAY-2016 and was given U.S. Serial No. 62/335,783.
- ☐ is filed concurrently herewith:

Crossbar, Inc., a California Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")):

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES):

ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

8/15/2016  
DATE

Harry Yue Gee  
Harry Yue Gee

7/16/16  
DATE

Zhen Gu  
Zhen Gu

\_\_\_\_\_  
DATE

Natividad Vasquez  
Natividad Vasquez

\_\_\_\_\_  
DATE

Sundar Narayanan  
Sundar Narayanan

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DATE

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Harry Yue Gee

\_\_\_\_\_  
DATE

7/19/15

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DATE

\_\_\_\_\_  
Zhen Gu

Natividad Vasquez

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\_\_\_\_\_  
Sundar Narayanan

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Harry Yue Gee

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Zhen Gu

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Natividad Vasquez

3/16/16  
DATE

N. Sundar Narayanan  
Sundar Narayanan