504471145 07/24/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASSAF LAHAV	07/23/2017
AMOS FENIGSTEIN	07/23/2017
YAKOV ROIZIN	07/23/2017
AVI STRUM	07/23/2017

RECEIVING PARTY DATA

Name:	TOWER SEMICONDUCTOR LTD.	
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City:	MIGDAL HAEMEK	
State/Country:	ISRAEL	
Postal Code:	23105	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15658328

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Address Line 2: SUITE 209

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Tabel Attachments of	
DATE SIGNED:	07/24/2017
SIGNATURE:	/Patrick T. Bever/
NAME OF SUBMITTER:	PATRICK T. BEVER
ATTORNEY DOCKET NUMBER:	TSL-216-1P

Total Attachments: 1

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PATENT REEL: 043083 FRAME: 0572

ASSIGNMENT

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

Assaf Lahay	f Ramat Gabriel Industrial An	ea P.O. Box 619 Migdal Haemek Israel 23105	
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hereby sell, assign and transfer to **Tower Semiconductor Ltd.**, an Israeli corporation, having a place of business at Ramat Gabriel Industrial Area P.O. Box 619 Migdal Haemek Israel 23105, its successors and assigns, the entire right, title and interest throughout the world in our invention in

"Image Sensor Pixel With Memory Node Having Buried Channel And Diode Portions Formed On N-Type Substrate"

for which a United States patent application was filed, or will be filed on or about the date of the this Assignment,, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named joint assignees to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said joint assignees, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named joint assignees, its successors and assigns.

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Executed this 23 day of July, 2017.	
Million March	Assaf Lahav A
Signature Witness 1: Koon With Market A	Signature Witness 2: York HIRSCH (Print name)
Executed this 23 day of July, 2017.	And the state of t
Aug -	Amos Fenigstein
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	Marian Ma
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	Yakov Roizin
Signature Witness 1: ASSF Land	Signature Witness 2:(Print name)
The state of the s	in the second se
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, my	Avi Strum
Signature Witness 1: ASSA LAN &	Signature Witness 2: Ellaula Avahaloumova
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