

## 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>
QI ZHANG	08/09/2020
SHANYU WANG	08/09/2020
TSAI WEN SUNG	08/11/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MATTSON TECHNOLOGY, INC.
<b>Street Address:</b>	47131 BAYSIDE PARKWAY
<b>City:</b>	FREMONT
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94538
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16930392
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	AGX-343 (2 OF 3)
<b>NAME OF SUBMITTER:</b>	J. PARKS WORKMAN
<b>SIGNATURE:</b>	/J. Parks Workman/
<b>DATE SIGNED:</b>	08/21/2020
<b>Total Attachments: 2</b>	
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**JOINT ASSIGNMENT OF WORLDWIDE RIGHTS**

**WHEREAS**, we, Qi Zhang, a citizen of China, residing in San Jose, California, USA; Shanyu Wang, a citizen of China, residing in Fremont, California, USA; and Tsai Wen Sung, a citizen of the United States, residing in Fremont, California, USA, and as assignors, have made an invention entitled

**“SELECTIVE SIN LATERAL RECESS WITH BYPRODUCT-ENABLED VERTICAL LOADING  
CONTROL”**

as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 62/990,752, which was filed in the U.S. Patent and Trademark Office on March 17, 2020 and as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 63/002,488, which was filed in the U.S. Patent and Trademark Office on March 31, 2020; and

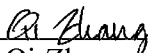
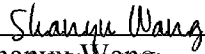
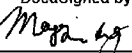
**WHEREAS**, Mattson Technology, Inc., 47131 Bayside Parkway, Fremont, CA 94538, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

**NOW, THEREFORE**, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have assigned, transferred, and set over, and do hereby assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all applications claiming priority to this application, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and all rights to sue and recover for past, present, and future infringement thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

**AND, WE HEREBY** covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

**AND, WE HEREBY** further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

**IN WITNESS WHEREOF**, Assignors have executed this document on the date indicated below.

DocuSigned by:  Qi Zhang	8/9/2020
	Date
DocuSigned by:  Shanyu Wang	8/9/2020
	Date
DocuSigned by:  Tsai Wen Sung	8/11/2020
	Date