

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSEPH LOVORN	11/02/2017
LARRY GURLEY	11/17/2017
RECEIVING PARTY DATA	
Name:	mitsubishi polycrystalline silicon america corporation
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City:	THEODORE
State/Country:	ALABAMA
Postal Code:	36582
Name:	MITSUBISHI MATERIALS CORPORATION
Street Address:	3-2, OTEMACHI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8117
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13838392
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	1478609.104US1
NAME OF SUBMITTER:	JAMES E. ARMSTRONG, IV
SIGNATURE:	/James E. Armstrong, IV/
DATE SIGNED:	11/30/2017

Total Attachments: 3

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Joseph Lovorn and Larry Gurley (hereinafter referred to as Assignors), residing at c/o Mitsubishi Polycrystalline Silicon America Corporation, 7800 Mitsubishi Lane, Theodore, Alabama 36582; and c/o Mitsubishi Polycrystalline Silicon America Corporation, 7800 Mitsubishi Lane, Theodore, Alabama 36582, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in **MECHANICAL SEED COUPLING**, *set forth in* a Patent application for Letters Patent of the United States, already filed on March 15, 2013 as U.S. Application No. 13/838,392; and

WHEREAS, Mitsubishi Polycrystalline Silicon America Corporation (MIPSA) a corporation organized under and pursuant to the laws of the United States and having its principal place of business at 7800 Mitsubishi Lane, Theodore, Alabama 36582 is desirous of acquiring 90% of the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon, **AND MITSUBISHI MATERIALS CORPORATION** a corporation organized under and pursuant to the laws of Japan and having its principal place of business at 3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8117 JAPAN is desirous of acquiring 10% of the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon (hereinafter Mitsubishi Polycrystalline Silicon America Corporation and **MITSUBISHI MATERIALS CORPORATION** are referred to as Assignees).

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon,

and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns that: Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise; that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; and, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

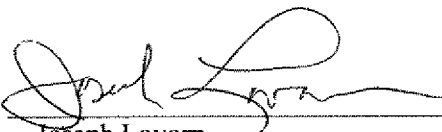
AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.


AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

LOCKE LORD LLP

All practitioners at Customer Number 21874

AND Assignors acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

Date: 11/2/17 Signature: 
Joseph Lovorn

Date: 11-17-17 Signature: 
Larry Gurley