

## 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>
	YUICHI INOUE	06/12/2019
<b>RECEIVING PARTY DATA</b>		
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<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	7458648	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16477814	
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<b>SIGNATURE:</b>	/Robert A. Goetz/	
<b>DATE SIGNED:</b>	07/15/2019	
<b>Total Attachments: 1</b>		
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**ASSIGNMENT**

WHEREAS, WE, **INOUE, Yuichi** hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD FOR PRODUCING POLYCRYSTALLINE SILICON

Filing Date: July 12, 2019

U.S. Serial No.: 16/477,814

Int'l Filing Date: December 28, 2017

Int'l Application No.: PCT/JP2017/047200

WHEREAS, **TOKUYAMA CORPORATION**, a corporation having a place of business at 1-1, Mikage-cho, Shunan-shi, Yamaguchi 7458648, JP, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same. We hereby authorize our Attorney of Record to insert the Application Serial No. and Filing Date in spaces above when known;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR'S name to this Assignment on the date indicated below.

Yuichi Inoue      June 12, 2019  
INOUE, Yuichi      Date

STATE OF                    )  
                                  )      ss.  
COUNTY OF                )

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year of \_\_\_\_\_, before me, the undersigned Notary Public or Witness, personally appeared the above-named ASSIGNORS, known to me (or proven to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
NOTARY PUBLIC or WITNESS

SEAL

MY COMMISSION EXPIRES: \_\_\_\_\_