504352914 05/05/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FUMIHIRO MUKAI	04/21/2017
TOMOKI IWANAGA	04/24/2017
DAISUKE TAKAGI	04/24/2017
KAZUO SAITO	04/21/2017
TOSHIKAZU TAURA	04/21/2017

RECEIVING PARTY DATA

Name:	BANDO CHEMICAL INDUSTRIES, LTD.	
Street Address:	6-6, MINATOJIMA-MINAMIMACHI 4-CHOME, CHUO-KU, KOBE-SHI,	
City:	HYOGO	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15522780

CORRESPONDENCE DATA

Fax Number: (510)580-7280

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ATTORNEY DOCKET NUMBER:	60079-US-1237-PCT
NAME OF SUBMITTER:	BELINDA LEE
SIGNATURE:	/Belinda Lee/
DATE SIGNED:	05/05/2017

Total Attachments: 2

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PATENT 504352914 REEL: 042249 FRAME: 0990

ASSIGNMENT

WHEREAS.

1. Fumihiro MUKAI

2. Tomoki IWANAGA

3. Daisuke TAKAGI

4. Kazuo SAITO

Toshikazu TAURA

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: ABRASIVE MATERIAL AND PRODUCTION METHOD OF ABRASIVE MATERIAL

[] Filed:

Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS, BANDO CHEMICAL INDUSTRIES, LTD.

of 6-6, Minatojima-Minamimachi 4-chome, Chuo-ku, Kobe-shi, Hyogo, JAPAN

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they 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 will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

Fifth Joint Inventor: Toshikazu TAURA

RECORDED: 05/05/2017

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Signature: Fumility MVKA	Date: Apr. 21 ,2017	
First Joint Inventor: Fumihiro MUKAI		
Signature: Tomoki IWANAGA	Date: Apr. 24, 2017	
Second Joint Inventor: Tomoki IWANAGA		
Signature: <u>Daisuke Tokagi</u>	Date: Apr. 24. 2017	
Third Joint Inventor: Daisuke TAKAGI		
Signature: Kazuo SAITO	Date: Apr. 21, 2017	
Fourth Joint Inventor: Kazuo SAITO		
Signature: Toshikazu TAURA	Date: April 21, 2017	