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### PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	10/29/2013

### **RECEIVING PARTY DATA**

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### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13147925	

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NAME OF SUBMITTER:	ROBERT C. FABER
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OSP-36680

# PATENT APPLICATION ASSIGNMENT EXECUTED OUTSIDE U.S.A.

OUR FILE: P/2850-403

WHEREAS, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, a corporation organized and existing under the laws of Japan located at 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan (hereinafter referred to as ASSIGNOR), is the co-owner of U.S. Patent Application No. 13/147,925 by Hiroshi SHIMIZU, Yongjin LI, Yukio YOSHIZAWA, Takayuki TAKAHASHI, and Ken-ichi TOYOSHIMA for HIGH-SHEAR MELT-KNEADER AND METHOD OF HIGH SHEARING, date filed August 4, 2011, under an instrument recorded in the United States Patent and Trademark Office on August 4, 2011 at Reel No. 026702, Frame No. 0266; and

WHEREAS, NIIGATA MACHINE TECHNO CO., LTD., a corporation organized and existing under the laws of Japan located at 1300 Okayama, Higashi-ku, Niigatashi, Niigata 950-0821 Japan as (hereinafter referred to as ASSIGNEE), is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, hereby sells, assigns and set over to said Assignee all its rights, title and interest for the United States in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said Assignee herein, as Assignee of the entire interest therein; and the Assignor for itself, its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said Assignee or its assigns, to communicate to said Assignee or its representatives all facts known to the Assignor respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist Assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States, the expenses incident to said applications to be borne and paid by said Assignee.

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY

Date:	October 29, 2013	By: Shigder (Conformer	
		Printed Shigel Name:	ki KAMIYAMA
			tor, Intellectual Property Division

(01509072.1) PATENT RECORDED: 11/19/2013 REEL: 031629 FRAME: 0014