

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ISAO FUKAZU	12/14/2017
	SATORU SEKIGUCHI	12/14/2017
RECEIVING PARTY DATA		
Name:	E. I. DU PONT DE NEMOURS AND COMPANY	
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15565184	
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ATTORNEY DOCKET NUMBER:	AD8128-US-PCT	
NAME OF SUBMITTER:	AHNALESE RUSHMANN	
SIGNATURE:	/Ahnalese Rushmann/	
DATE SIGNED:	12/15/2017	
Total Attachments: 1		
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NON-PROVISIONAL APPLICATION ASSIGNMENT

We, the undersigned

ISAO FUKAZU, SATORU SEKIGUCHI

Hereby declare that

We are the inventors of an invention entitled

NEEDLE BEARING

which is disclosed in the United States Patent Application No. 15/565184 filed on October 9, 2017 and which is identified as Case Number AD8128-US-PCT.

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto E I DU PONT DE NEMOURS AND COMPANY, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said inventions or the rights described above, to testify in any legal proceeding respecting said inventions or the rights described above, the location of that testimony to be in the country in which we reside or in the nearest country in which such testimony is legal should our country of residence prohibit such testimony, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions.

Isao Fukazu (L.S.)
ISAO FUKAZU
DATE: 2017/12/14

Satoru Sekiguchi (L.S.)
SATORU SEKIGUCHI
DATE: 2017/12/14