505408846 04/03/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
MASAMICHI KAWANO	03/18/2019	

RECEIVING PARTY DATA

Name:	DAIDO STEEL CO., LTD.
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16369369

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ATTORNEY DOCKET NUMBER:	NNN.1479
NAME OF SUBMITTER:	SEAN M. MCGINN
SIGNATURE:	/Sean M. McGinn/
DATE SIGNED:	04/02/2019

Total Attachments: 2

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PATENT 505408846 REEL: 048781 FRAME: 0135

Combined Declaration of Inventorship and Assignment of Application for Patent

As a below-named inventor, I hereby declare that:

I believe that I am the original inventor or an original joint inventor, of the claimed invention in the Application entitled:

the specification of wh	ch (check one):			
x is attached hereto				
was filed as U.S.	Application No. or PCT	International Application N	Vo	on .
have reviewed and un	derstand the contents of	B U.S.C. §1001 by fine or in the Application, including naterial to patentability as d	nprisonment of not more the the claims, and I am aware of defined in 37 CFR §1.56.	on five (5) years, or both. of the duty to disclose to

DAIDO STEEL CO., LTD. (Full Name of Assignee)

1-10. Higashisakura 1-chome, Higashi-ku, Nagova-shi, Aichi 461-8581 Japan (Address of Assignee)

(hereinafter referred to as ASSIGNEE), being desirous of acquiring the entire right, title, and interest in, to and under the invention which is the subject of the Application and the United States Letters Patent to be obtained therefor.

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said Application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests Sean M. McGinn of McGinn Intellectual Property Law Group, PLLC, 8321 Old Courthouse Road, Suite 200, Vienna, Virginia, U.S.A. 22182-3817 to insert here in parentheses (Application No. 16/369,369, filed March 29, 2019) the filing date and Application number of said Application when/if known.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said Application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said Application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this Assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment and sale;

Combined Declaration of Inventorship and Assignment of Application for Patent (Page 1 of 2)

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Legal Name of Inventor Masamichi KAWANO				
Inventor's Signature Masamidai KAWANO	Date	March	18,	2019
Legal Name of Additional Inventor, If Any				
Inventor's Signature	Date _	**********		
Legal Name of Additional Inventor, If Any	· · · · · · · · · · · · · · · · · · ·			
Inventor's Signature	Date			*************
Legal Name of Additional Inventor, If Any				
Inventor's Signature	Date _			
Legal Name of Additional Inventor, If Any				
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Inventor's Signature	Date _			
Legal Name of Additional Inventor, If Any				
Inventor's Signature				

Combined Declaration of Inventorship and Assignment of Application for Patent (Page 2 of 2)

PATENT REEL: 048781 FRAME: 0137

RECORDED: 04/03/2019