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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASUNORI SONODA	05/23/2017
RYOTA TAKE	05/23/2017
FUMIHIRO MATSUMOTO	05/25/2017
TSUGURU SUGIMOTO	05/25/2017

RECEIVING PARTY DATA

Name:	SUMITOMO ELECTRIC SINTERED ALLOY, LTD.	
Street Address:	2901, NARIWA, NARIWA-CHO	
City:	TAKAHASHI-SHI	
State/Country:	JAPAN	
Postal Code:	7160192	
Name:	NIKKEN TOOL CO., LTD.	
Street Address:	5-3-26, SHINOMIYA	
City:	KADOMA-SHI	
State/Country:	JAPAN	
Postal Code:	5710017	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16922287

CORRESPONDENCE DATA

Fax Number: (202)639-7890

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-639-7700

Email: sartori.docketing@bakerbotts.com

Correspondent Name: BAKER BOTTS LLP C/O INTELLECTUAL PROPERT

Address Line 1: 700 K STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER: 087143.0778

NAME OF SUBMITTER: KAILIE MACKEVERICAN

PATENT REEL: 053137 FRAME: 0593

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IGNATURE: /Kailie MacKeverican/		
DATE SIGNED:	07/07/2020	
Total Attachments: 4 source=F Assignment#page1.tif		
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PATENT REEL: 053137 FRAME: 0594

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by Yasunori SONODA and Ryota TAKE

(hereinafter referred to as Assignor), residing at Takahashi-shi, Okayama, Japan, Fumihiro

MATSUMOTO (hereinafter referred to as Assignor), residing at Inazawa-shi, Aichi, Japan,

Tsuguru SUGIMOTO (hereinafter referred to as Assignor), residing at Kadoma-shi, Osaka,

Japan;

WHEREAS, Assignor has invented certain new and useful improvements in METHOD FOR MANUFACTURING SINTERED COMPONENT, SINTERED COMPONENT, AND DRILL, set forth in a patent application for Letters Patent of the United States,

filed concurrently herewith;

filed on December 8, 2015, as PCT international application No. PCT/JP2015/084429; and

WHEREAS, SUMITOMO ELECTRIC SINTERED ALLOY, LTD.

having its principal place of business at 2901, Nariwa, Nariwa-cho, Takahashi-shi, Okayama

7160192 Japan (hereinafter referred to as Assignee), and NIKKEN TOOL CO., Ltd. having its

principal place of business at 5-3-26, Shinomiya, Kadoma-shi, Osaka 5710017 Japan

(hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in

and to said inventions and said Application for Letters Patent of the United States, and in and to

any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said

1 Attorney Docket No. _____

PATENT REEL: 053137 FRAME: 0595 application, and any and all Letters Patent in the United States which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

Attorney Docket No. _____

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

VENABLE LLP

All practitioners at Customer Number 26694

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Executed on:	May, 23, 2017
	Date
Assignor:	11 1 1 8 1
Yasunori SONODA	Jasunon Honoun
Assignor Name	Date Jasuron Sonoda Signature
Witness:	
Witness Name	Signature
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Witness Address	
Executed on:	May 23.2017 Date Ruta Take Signature
	Date
Assignor:	
Ryota TAKE	Rata lake
Assignor Name	Signature
Witness:	
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Witness Name	Signature
Witness Address	

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Venable LLP

Executed on:	5/25/2017
Assignor: Fumihiro MATSUMOTO Assignor Name	Date
Witness:	
Witness Name	Signature
Witness Address	- -
Executed on:	$\frac{5/25/20/7}{\text{Date}}$
Assignor: Tsuguru SUGIMOTO	Date 杉本 次
Assignor Name	Signature
Witness:	
Witness Name	Signature
Witness Address	

Venable LLP

Attorney Docket No.

PATENT REEL: 053137 FRAME: 0598