506395622 12/10/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6442378

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KATSUMI OKAMURA	10/22/2020
HISAYA HAMA	10/22/2020
MAYU AMEMIYA	10/22/2020
SATORU KUKINO	10/27/2020

RECEIVING PARTY DATA

Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.	
Street Address:	5-33, KITAHAMA 4-CHOME, CHUO-KU	
City:	OSAKA-SHI, OSAKA	
State/Country:	JAPAN	
Postal Code:	541-0041	
Name:	SUMITOMO ELECTRIC HARDMETAL CORP.	
Street Address:	1-1, KOYAKITA 1-CHOME	
City:	ITAMI-SHI, HYOGO	
State/Country:	JAPAN	
Postal Code:	664-0016	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16973871

CORRESPONDENCE DATA

Fax Number: (202)204-0289

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: 202-842-8800

Email: dcpatentfiling@faegredrinker.com

Correspondent Name: FAEGRE DRINKER BIDDLE & REATH LLP (DC)

Address Line 1: 1500 K STREET, N.W.

Address Line 2: SUITE 1100

Address Line 4: WASHINGTON, D.C. 20005-1209

ATTORNEY DOCKET NUMBER: 201917-0409-00-US-000021

PATENT REEL: 054603 FRAME: 0420

506395622

NAME OF SUBMITTER:	JOHN G. SMITH	
SIGNATURE:	/John G. Smith/	
DATE SIGNED:	12/10/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3		

source=201917_0409_decl_assign#page1.tif source=201917_0409_decl_assign#page2.tif source=201917_0409_decl_assign#page3.tif

> **PATENT** REEL: 054603 FRAME: 0421

ATTORNEY DOCKET NO.;

SOLE/JOINT INVENTION (U.S. Rights Only) Page 1 of 3

COMBINED DECLARATION AND ASSIGNMENT

WHEREAS I/WE, the below-named inventor(s) - hereinafter referred to as Assignor(s) - have made an invention entitled:

Sintered Material and Cutting Tool Including Same

for which I/WE are filing an application for United States Letters Patent, the application being the one identified in the Declaration set forth below: and

WHEREAS, (1) Sumitomo Electric Industries, Ltd., and (2) SUMITOMO ELECTRIC HARDMETAL CORP., a corporation of Japan, whose post office address is (1) S-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan, and (2) 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisionals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and I/WE hereby authorize and request the United States Patent and Trademark Office to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, and all rights to claim priority on the basis of such applications, make all rightful oaths or the like, and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s) in the appropriate space below.

DC01/3306284.1

ATTORNEY DOCKET NO.:

SOLE/JOINT INVENTION (U.S. Rights Only) Page 2 of 3

出願データシート (連邦展則法典第37 編展則1.76) を用いた 実用又は意匠出願のための、連邦規則法典第37 編集則1.63 の 宣言書として、下記に配名され、署名のある各発明者は、次 のように宣言する。 この宣言書は次に向けられたものである (次の2つの ポックスのうち1つにチェックを入れてください);	AS A DECLARATION UNDER 37 C.F.R. § 1.63, for a utility or design application using an Application Data Sheet (37 C.F.R. § 1.76), each below-massed inventor for which a signature has been provided hereby declares that: This Declaration is directed to (please check one of the following two boxes): The attached application, or United States application or PCT international application number PCT/JP2019/003309 filed on March 4, 2019			
である米国出版者しくは PCT 密際出版。 上部の出版は、私によってなされたか、又は私によってなされるよう権限を与えられたものである。 私は、この出版で誰求されている発明の最初の発明者又は最初の共同発明者であると信じている。 私は、特許請求の範囲を含むこの出版の内容を検討し、且つ理解した。 私は、特許特について私が知っているすべての重要な情報を定に関示する激粉があることを知っている。 私は、この宣言書においてなされたいかなる故意による憲偽の供述は、合衆国企典第 18 編第 1001 条の下、罰金若しくは5 年以下の懲役又はその両方に処される事をここに認める。	The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the application, including the claims. I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
身能:もし前もって提出されていないのであれば、発明主体全員の 名前を挙げた出籍データンート (FTO/ATA/14 又はそれに相当する	Note: An application data sheet (PTO/AIA/14 or equivalent) naming the entire inventive entity must accompany this form if not submitted previously.			
Signature: Masahiro Noda				

ATTORNEY DOCKET NO.: SOLE/JOINT INVENTION (U.S. Rights Only) Page 3 of 3

唯一または第一発明者の弦算上の氏名	LEGAL NAME OF SOLE/FIRST ASSIGNOR/INVENTOR
長舎 :	Print Name: Katsumi OKAMURA
8位长	Date: Octobe, 21, 2020
8 名 >	Signature: Kathumi Chamana
第二発明者の弦律上の氏名	LEGAL NAME OF SECOND ASSIGNOR/INVENTOR
&&>	Print Name: Hisava HAMA
Bitts.	Date: October 22, 2020
署名;	Signature: <u>Hisaya Hama</u>
第三発物者の法律上の氏名	LEGAL NAME OF THIRD ASSIGNOR/INVENTOR
30条3	Print Name: Mayu AMEMIYA
896°:	Date: October 22, 2020
署名::	Signature: Maya Aweniya
第四発明者の法律上の氏名	LEGAL NAME OF FOURTH ASSIGNOB/INVENTOR
氏名7	Print Name: Satora KUKINO
2 有	Deto: October 27, 2020
8 47	Signature: Storie New York
第五発明者の法律上の氏名	LEGAL NAME OF FIFTH ASSIGNOR/INVENTOR
	Print Name:
8件 ;	Date:
署名:	Signature
第六発明者の毎準上の氏名	LEGAL NAME OF SIXTH ASSIGNOR/INVENTOR
我名 i	Print Name:
B46.3	Date:
***	Signature:
発明者のリストは修付のページに続く:[]はい[]いいえ	Name(s) of additional Assignor(s)/inventor(s) attached: 🗌 Yes 🔯 No

DC01/3306284.1

RECORDED: 12/10/2020

PATENT REEL: 054603 FRAME: 0424