EPAS ID: PAT6263741

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPH ZEINER	02/19/2019
MAKOTO ABE	02/18/2019
ANDREAS WIDMANN	02/18/2019

RECEIVING PARTY DATA

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:	29747524

CORRESPONDENCE DATA

Fax Number: (202)842-8465

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: 2028428800

Email: dbripdocket@faegredrinker.com, felicia.bull@faegredrinker.com

Correspondent Name: FAEGRE DRINKER BIDDLE & REATH LLP

Address Line 1: 1500 K ST NW, Address Line 2: SUITE 1100

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	201917-0297-01-US-604948	
NAME OF SUBMITTER:	JAMES R. CARPENTER	
SIGNATURE:	/James R. Carpenter/	
DATE SIGNED:	08/24/2020	

Total Attachments: 6

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> PATENT REEL: 053572 FRAME: 0627

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:

CUTTING TOOL

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, <u>SUMITOMO ELECTRIC HARDMETAL CORP.</u>, a corporation of <u>Japan</u>, whose post office address is <u>1-1</u>, <u>Koyakita 1-chome</u>, <u>Itami-shi</u>, <u>Hyogo 664-0016 Japan</u> (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.

ATTORNEY DOCKET NO.:

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

出願データシート(連邦規則法典第37編規則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編規則1.63の 宣言書として、下記に記名され、署名のある各発明者は、次 のように宣言する。	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-named inventor for which a signature has been provided hereby declares that:	
この宣言書は次に向けられたものである (次の2つの ボックスのうち1つにチェックを入れてください) :	This Declaration is directed to (please check one of the following two boxes):	
添付された出願、又は に出願された 出願番号 である米国出願若しくは PCT 国際出願。	The attached application, or United States application or PCT international application number	
てから水画山鉄石 ひくは101 画水山鉄。		
上記の出願は、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。	The above-identified application was made or authorized to be made by me.	
私は、この出願で請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。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
私は、特許請求の範囲を含むこの出願の内容を検討し、且つ 理解した。	I have reviewed and understand the contents of the application, including the claims.	
私は、連邦規則法典第37編規則1.56に規定されているよう に、特許性について私が知っているすべての重要な情報を 庁に関示する義務があることを知っている。	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. \S 1.56.	
私は、この宣言書においてなされたいかなる故意による虚偽 の供述は、合衆国法典第 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。	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.	
注記: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願データシート (PTO/AIA/14 又はそれに相当するもの)をこの用紙に添付しなければならない。	Note: An application data sheet (PTO/ALA/14 or equivalent) naming the entire inventive entity must accompany this form if not submitted previously.	
STATEMENT OF ACCURATE TRANSLATION UNDER 37 C.F.R. § 1.69(b):		
To the best of my knowledge, the English-language translation	n provided in this document is an accurate translation.	
Signature:		
Masahiro Noda	The second of th	

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法律上の氏名	LEGAL NAME OF SOLE/FIRST ASSIGNOR/INVENTOR
氏名:	Print Name: Christoph ZEINER
日付:	Date: February 19,2019
署名:	Signature: Christoph Lainer
第二発明者の法律上の氏名	
37 ニルシュロ 仕下 6.250m	LEGAL NAME OF SECOND ASSIGNOR/INVENTOR
氏名::	Print Name: Makoto ABE
目付:	Date:
署名:	Signature:
第三発明者の法律上の氏名	A DOLLA NALA CO DESTRUCCIÓN DE LA CONTRACTOR DE LA CONTRA
	LEGAL NAME OF THIRD ASSIGNOR/INVENTOR
氏名:	Print Name: Andreas WIDMANN
目付:	Date: Februar 1/18/2 2019
署名:	Signature: A Allum
第四発明者の法律上の氏名	LEGAL NAME OF FOURTH ASSIGNOR/INVENTOR
氏名:	Print Name
日付:	Print Name:
署名:	Signature:
第五発明者の法律上の氏名	
Strong Service County C	LEGAL NAME OF FIFTH ASSIGNOR/INVENTOR
氏名:	Print Name:
目付 :	Date:
署名:	Signature:
第六発明者の法律上の氏名	LEGAL NAME OF SIXTH ASSIGNOR/INVENTOR
	LEGAL WAVE OF SIMIL ASSIGNORM VENTOR
氏名:	Print Name:
日付:	Date:
署名:	Signature:
・発明者のリストは添付のページに続く: □ はい □ いいえ	Name(s) of additional Assignor(s)/Inventor(s) attached: Yes X No
	Tes Minor

DC01/3306284.1

PATENT REEL: 053572 FRAME: 0630

ATTORNEY DOCKET N	1O.;
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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:

CUTTING TOOL

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

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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.

ATTORNEY DOCKET NO.:

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

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添付された出願、又は に出願された	The attached application, or United States application or PCT international application
出願番号 である米国出願若しくは PCT 国際出願。	numberfiled on
上記の出願は、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。	The above-identified application was made or authorized to be made by me.
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私は、特許請求の範囲を含むこの出願の内容を検討し、且つ 理解した。	I have reviewed and understand the contents of the application, including the claims.
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To the best of my knowledge, the English-language translation	provided in this document is an accurate translation.
Signature:	
Masahiro Noda	The second of th

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法律上の氏名	LEGAL NAME OF SOLE/FIRST ASSIGNOR/INVENTOR
氏名;	Print Name: Christoph ZEINER
日付:	Date:
署名:	
第二発明者の法律上の氏名	LEGAL NAME OF SECOND ASSIGNOR/INVENTOR
氏名:	
日付:-	
署名:	Signature: Malana
第三発明者の法律上の氏名	LEGAL NAME OF THIRD ASSIGNOR/INVENTOR
氏名:	- Print Name: Andreas WIDMANN
日付:	
署名:	
第四発明者の法律上の氏名	LEGAL NAME OF FOURTH ASSIGNOR/INVENTOR
氏名:	
目付:	Date:
署名:	Signature:
第五発明者の法律上の氏名	LEGAL NAME OF FIFTH ASSIGNOR/INVENTOR
氏名:	Print Name
日付:	
署名:	
第六発明者の法律上の氏名	LEGAL NAME OF SIXTH ASSIGNOR/INVENTOR
氏名:	- Print Name:
日付:	. Date:
署名:	Signature:
発明者のリストは添付のページに続く:□ はい □ いいえ	Name(s) of additional Assignor(s)/Inventor(s) attached: Yes No

DC01/3306284.1

PATENT REEL: 053572 FRAME: 0633

RECORDED: 08/24/2020