506733657 06/24/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

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GAKU HARADA	06/09/2021
TAKASHI HARADA	06/09/2021
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29796251

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506733657 PATENT REEL: 056658 FRAME: 0925

DATE SIGNED:	06/24/2021	
This document serves as an Oath/Declaration (37 CFR 1.63).		
Total Attachments: 4		
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PATENT REEL: 056658 FRAME: 0926

REN	INER	OTTO (GE	N)		PATENT (US)
C	OMBI	NED DECL	ARATION AND ASSIGNMENT US (ORIGINAL, DESIGN, NATIO		A SHEET (37 CFR 1.76)
Ti	tie:	CUTTING	TOOL		
			I. DECLAR	ATION	
As a	belov	v named inv	ventor or joint inventor, I hereby de	clare that:	
This	decla	ration is dir	ected to:		
(a)	\boxtimes	the attach	ned application, or		
(b)		United St	ates application or PCT internation	al application number	
The	above	-identified a	application was made or authorized	l by me.	
l beli	eve th	at I am the	original inventor or an original joint	t inventor of a claimed inve	intion in the application.
l hen	eby st	ate that I ha	ave reviewed and understand the c	ontents of the above-ident	ified application.
			the duty to disclose to the U.S. Pa atentability as defined in 37 C.F.R.		all information known to
I hen 1001	eby a by fir	cknowledge ne or impris	that any willful false statement matching the total that any willful false statement missing that five (5) year.	ade in this declaration is pears, or both.	unishable under 18 USC
			PRIORITY	CLAIM	
for pa other for pa other	atent than atent than	or inventor' the United to or inventor' the United	priority benefits under Titie 35, Uni s certificate or of any PCT internati States of America listed below and s certificate or any PCT internatio States of America filed by me on t (s) of which priority is claimed.	ional application(s) designa have also identified below nal application(s) designa	ating at least one country any foreign application(s) ting at least one country
(c)		no such s	pplication have been filed.		
(d)	Ø	such appl	ications have been filed as follows	r	
			ST FOREIGN APPLICATION(S), MONTHS FOR DESIGN) PRIOR		
	CC	OUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC §119
	********	Japan	2020-028221	25, 12, 2020	Yes No Yes No Yes No

09/01/2012

II. ASSIGNMENT

As a below named assignor, for good and valuable consideration acknowledged and received I hereby sell and assign my entire worldwide right, title and interest in the application and the invention(s), so far as concerns the United States and the Territories and Possessions thereof to:

ASSIGNEE:

SUMITOMO ELECTRIC HARDMETAL CORP. 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 Japan

Including:

any and all related patent application(s) in the United States, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, and other applications based in whole or in part upon the invention(s) or upon the application(s);

any and all Letters Patent, renewals, reissues, reexamination certificates and extensions of Letters Patent granted for the invention(s) or upon the application(s); and

every priority right that is or may be predicated upon or arise from the invention(s), the application(s) and the Letters Patent.

I additionally authorize the Assignee to file patent applications in my or the Assignee's name for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I hereby covenant that I have the full right to convey the entire interests herein assigned, and that I have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I agree that each time a request is made, and without undue delay, I will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), the application(s) and the Letters Patent, to the Assignee, its successors or assigns.

I agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, caths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this document when that information becomes available.

09/01/2012

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	Inventor and Assignor: Yeshinori Tanigawa	Yoshinori TANi Date:	GAWA June 09. 202/
Full Name of Fourth Inventor's signature: Post Office Address:	*************************************	Date:	June 09. 202/
Inventor's signature: Post Office Address:	Yeshineri Tanidawa c/o SUMITOMO ELECTRIC HAR	Date:	June 09. 202/
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Inventor's signature:		Date:
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Full Name of Tenth In	iventor and Assignor:	
Inventor's signature:		Date:
Post Office Address:		

This combined declaration and assignment ends with this page.