(Re	RM PTO-1595 v. 6-93)	06-20-20	001	HEET		RTMENT OF COMMER	
	B No. 0651-0011 (exp. 4/94)			1	P	atent and Trademark Off	
Та	b tsettings: t	1017513	14		t t		
	To the Honorable Commissio	ner of Patents and Tradem	narks: Ple hereof.	ease record the att	ached origina	I documents or copy	
1.	Name of conveying parties:			Name and addres	s of receiving	ig party(ies):	
KAZUHISA FUJIWARA AND NA		OTOMI RAKAHASHI		Name: MITSUI MINING & SMELTING CO., LTD.			
			- 11	nternal Address:	COPPER F	OIL SECTOR, 2	
Add	ditional name(s) & party(ies) attack	ned? Yes X No		COPPER FOIL D	VISION	<u>4</u> 21. 21.	
3.	Nature of conveyance:		7			3. 20. 3. 3. 3.	
	X Assignment	Merger	S	Street Address:	656-2 KAMA	KURABASHI,	
	Security Agreement	Change of Name	_	AGEO-SHI, SAITA	AMA 362-001:	3, JAPAN	
	Other		C	City:	State:	Zip:	
	Execution Date: 5/7/01	and 5/10/01	Additio attache	onal name(s) & addre ed?	ss(es)	Yes X No	
4.	Application number(s) or p	eatent number(s):					
	If this document is being filed to is:	ogether with a new application	n, the exe	cution date of the ap	oplication 5	5/7/01 & 5/10/01	
Α.	Patent Application No.(s)		В. Р	atent No.(s)		<u> </u>	
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81	40.0) OP \					
	A	ditional numbers attached?	Yes	No			
5.	Name and address of party concerning document should			otal number of ap	oplications a	nd patents	
	Name: Richard S. Rober	ts		_	1		
	Internal Address: Roberts	& Mercanti, LLP	7. T	otal fee (37 CFR	3.41)\$	40.00	
	· · · · · · · · · · · · · · · · · · ·		ĺ	X Enclosed	, .		
	Street Address: P.O. Box 4	94				deposit account	
	Street Address: P.O. Box 4	· · ·	8. D	eposit account ni	umber:		
	City: Princeton State	: NJ _{Zip:} 08542	(Atta	ch duplicate copy of	this page if pay	ing by deposit account)	
		DO NOT US	E THIS	SPACE			
	Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.						
	Richard S. Roberts		160	4/	Jun	e 11, 2001	
	Name of Person Signin	g /	Sign	nature		Date	
	Total numbe	r of pages including cover she	et attachm	nents, and document	2		

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, Box Assignments
Washington, D.C. 20231

PATENT REEL: 011899 FRAME: 0014

ASSIGNMENT

11 p. 03/100000 00 1 1 1 15

WHEREAS the UNDERSIGNED, <u>Kazuhisa FUJIWARA</u>, (and) <u>Naotomi TAKAHASHI</u>, citizen(s) of <u>JAPAN</u>, residing at <u>c/o Mitsui Mining & Smelting Co.</u>, <u>Ltd.</u>, <u>Copper Foil Sector Copper Foil Division</u>, <u>656-2 Kamakurabashi</u>, <u>Ageo-shi</u>, <u>Saitama 362-0013</u>, <u>Japan</u>; has/have invented certain new and useful improvements (INVENTION) disclosed, shown, and described in an APPLICATION for Letters Patent of the United States entitled:

METHOD FOR WINDING COPPER FOIL ON CORE TUBE

said APPLICATION being executed concurrently herewith; and

WHEREAS, Mitsui Mining & Smelting Co., Ltd.					
a corporation of Japan	, having an office at				
1-11, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584, JAPAN					
(ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to the					
INVENTION, in this and any foreign country, and in and to any Letters Patent of the United					
States or any foreign country which may be granted embracing the INVENTION.					

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, receipt of which is hereby acknowledged, the UNDERSIGNED by these presents, sells, assigns, and transfers unto ASSIGNEE, its legal representatives, successors, and assigns, the entire right, title and interest for the United States and all foreign countries, in and to the INVENTION, and in and to the said APPLICATION, and in and to any applications for Letters Patent which may have been or may be filed in any foreign country on said INVENTION, and in and to any and all priority rights generated by the filing of said APPLICATION in the United States or any foreign country, which may be granted covering the INVENTION, including any continuations, continuations-in-part, substitutions, divisions, reissues or renewals thereof, said Letters Patent whether of this country or any foreign country to be held and enjoyed by ASSIGNEE for its interest, for its own use and behoof, and for its legal representatives, successors, and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by UNDERSIGNED had this assignment and sale not been made.

I covenant and agree that I will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention, (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record, and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

I hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent based on said application and all said divisions, continuations,

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continuations-in-part, reissues, renewals and extensions to said ASSIGNEE, its successors and assigns.

I authorize and empower the said ASSIGNEE, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full and legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said ASSIGNEE or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

IN WITNESS WHEREOF this assignment has been executed by UNDERSIGNED on the date opposite their name.

DATE May, 10 2001	Kazuhisa FUJIWARA	Witness:
DATE May 07, 2011	Naotomi Takahashi Naotomi TAKAHASHI	Witness:
DATE		Witness:

RECORDED: 06/14/2001