			0.4	Docl	ket No.	4799	
FORM PTO-15 1-31-92			U4	HEET	HEET U.S. DEPARTMENT O		
					_		_
	ings ⇔ ⇒ ♥  Honorable Commissioner c	10288050	30	attached orig	inal documen	is or con	v thereof.
	of conveying party(ies):	1020000		address of re-			,
1) Kat	sumi OKAMURA		1	UMITOMO EL		•	AL CORP
2) Sat	oru KUKINO Lnya UESAKA						_
	nohiro FUKAYA		Address:	1-1, Koya		home	£ - 1
Additional :	name(s) of conveying party(ies) at	ttached? 🛘 Yes 🖾 No		Itami-shi 664-0016			43
3. Nature	e of conveyance:	<del></del>			oupun		
⊠ As	signment	☐ Merger					13441 U.S. PT 10/981431
□ Se	curity Agreement	☐ Change of Name					<del>1</del> 3
		0					
j 🗓 011							
Execution	Date: October 22, 2	004	Additional na	me(s) & address(	es) attached? [	Yes	<b>⊠</b> No
4. Applica	ation number(s) or patent nu	mber(s):					
If this de	ocument is being filed togethe	er with a new application, th	e execution date	of the applicati	onis: <u>Oct</u> o	ber 2	2, 2004
1	tent Application No.(s)		B. Patent i				
1	e assigned - new - 1	Docket No. 4799)	e. reciti				
1 (20 50	abbighed her	bookee not 1199)					
Name: Walter F. Fasse  FASSE PATENT ATTORNEYS, PA P. O. BOX 726 HAMPDEN, MAINE 04444-0726  TEL. NO.: (207) 862-4671 FAX. NO.: (207) 862-4681			Form PT	37 CFR 3.41): 0-2038 (C ed P	redit Car ayment Fo	rd orm)	<b>K</b> K
			RX Deposition XX N XXXX		<b>C</b>		
			(Attach-dupi	lieste copy of thi	i <del>c paga it payi</del> r	<del>ig by dop</del>	eel account
		DO NOT USE T	THIS SPACE	· · · · · · · · · · · · · · · · · ·			
			· · · · · · · · · · · · · · · · · · ·			<del></del>	
Totheb	ent and signature. Dest of my knowledge and bo riginal document.	elief, the foregoing inform	ation is true and	correct and a	ny attached d	opy is a	true copy
1	er F. Fasse	/1/1	Duff	7v10	Novembe	or 3	2004
	Name of Person Signing	Muc	-Signature	yre :		Data	
Docket 1	No.: 4799/WFF:ar		Total n	umber of pages &	chtisasing cover	r sheet:	3
Enclosur	es: postcard,	USPS EX	PRESS MA	1L			
	Form PTO-2038, Copy of Assign		024 179	•			
004 EFLORES	00000017 10981431	NOVEMBE		2004			
021	\	אָטירווטנּ	ַר עט א	L U U 4			
	40.00 OP \						

PATENT REEL: 015969 FRAME: 0646

## United States Patent Rights, or United States Plus All Foreign Patent Rights

ATTORNEY DOCKET NO.

## **ASSIGNMENT**

		Application No.	Filed
nsert Name(s) of Inventor(s)	<b>→</b>	WHEREAS, Katsumi OKAMURA, Satoru	u KUKINO, Shinya UESAKA,
		and Tomohiro FUKAYA	
nsert Title of Invention		(hereinafter designated as the undersigned) has (have) in	nvented certain new and useful improvements in
	<b>=</b>	High-Strength, Highly Thermally Cond	ductive Sintered Compact of Cubic
		Boron Nitride	
		for which an application for Letters Patent of the United (except in the case of a provisional application).	States of America has been executed by the undersigned
nsert Date of Signing of Application	<b>=</b>	on October 22, 2004	; and
nsert Name of Assignee	<b>-</b>	WHEREAS, SUMITOMO ELECTRIC HARD	METAL CORP.
nsert Address of Assignee	<b>→</b>	of 1-1, Koyakita 1-chome, Itami-shi,	Hyogo 664-0016 Japan
CHECK BOX F APPROPRIATE		its heirs, successors, legal representatives and assigns (acquiring the entire right, title and interest in and to s may be granted therefor in the United States of American any and all foreign countries.	said invention and in and to any Letters Patent(s) that
	•	,	nese presents does sell, assign and transfer unto said intion in the United States of America, its territories, the and interest in and to any and all Letters Patent(s) America, its territories, dependencies and possessions.
		and to any and all divisions, reissues, continuations, co	onversions and extensions thereof for the full term or

PATENT REEL: 015969 FRAME: 0647 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Fasse Patent Attorneys, P.A. 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date .	October 22,2004	Name of Inventor Katsumi Okamura
		Katsumi OKAMURA
Date .	October 22.200f	Name of Inventor Latorie Kicking
Date .	October 12, 2004.	Satoru KUKINO Name of Inventor Lagar Canada
Date .	October 22, 2004	Name of Inventor Tomohiro Pakaya  Name of Inventor Tomohiro Pakaya
		Tomohiro FUKAYA //
Date .		Name of Inventor
Date .	•	Name of Inventor
Date .		Name of Inventor
Date .		Name of Inventor
	-	
Date .		Name of Inventor

USPS EXPRESS MAIL EV 511 024 179 US NOVEMBER 03 2004 PATENT

REEL: 015969 FRAME: 0648

**RECORDED: 11/03/2004**