PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kai YASUOKA	09/15/2006
Kenichi KAZAMA	09/15/2006
Ayumi TSUNEYA	09/15/2006
Shunji SATO	09/15/2006

RECEIVING PARTY DATA

Name:	Shinano Electric Refining Co., Ltd.				
Street Address:	5-2, Kanda-Kaji-cho 3-chome, Chiyoda-ku				
City:	Tokyo				
State/Country:	JAPAN				

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11516634

CORRESPONDENCE DATA

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Total Attachments: 2

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PATENT REEL: 018452 FRAME: 0299

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ATTORNEY DOCKET NO 0171-1308PUS1

ASSIGNMENT

		Application No.	11/516,634		Filed <u>09/07/2006</u>
Insert Name(s)	=	WHEREAS,	Kai YASUOKA, Ke	enichi KAZAMA, Ay	umi TSUNEYA and
of Inventor(s)		Shunji SATO	of		
		Chiyoda-ku,	Tokyo, Japan, (lhiyoda-ku, Tokyc	, Japan,
		Chiyoda-ku,	Tokyo, Japan ar	nd Chiyoda-ku, To	kyo, Japan
			wante.		
		(hereinafter designa	ted as the undersigned)	nas (have) invented certair	new and useful improvements in
Insert Title of Invention	1823	Lapping Pla	te Resurfacing A	Abrasive Member a	nd Method
				and the second s	
		• • •	tion for Letters Patent of a provisional application).	the United States of Amer	rica has been executed by the undersigne
Insert Date		(except in the case of	a provisional application).		
of Signing of Application	тэф	ол	September 15,	2006	; and
Insert Name of Assignee	EE\$	WHEREAS,	Shinano Elect	cic Refining Co.,	Ltd.
		A	ACCOUNT THE STATE OF THE STATE		
Insert Address of Assignee	23	of5-2, Kar	ıda-Kaji-cho 3-c	nome, Chiyoda-ku,	Tokyo, Japan
					No Company of the
		acquiring the entir		in and to said invention	esignated as the Assignee) is desirous o and in and to any Letters Patent(s) tha
CHECK BOX	res p	in any and all fo	reign countries.		
		paid, the receipt of has (have) sold, as Assignee the full a dependencies and which may be gran	which is hereby acknowle signed and transferred nd exclusive right to th possessions and the ent ed therefor in the Unite	dged, and other good and , and by these presents e said invention in the l re right, title and interes	ars (\$10.00) to the undersigned in hand valuable consideration, the undersigned does sell, assign and transfer unto said Jnited States of America, its territories t in and to any and all Letters Patent(s rritories, dependencies and possessions
			· ·		l extensions thereof for the full term o

terms for which the same may be granted.

PATENT REEL: 018452 FRAME: 0300 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 Letter 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) and 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 Birch, Stewart, Kolasch & Birch, LLP 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 September 15, 2006	Name of Inventor	C	rlf-		
Date	, ,,,,,,,,	(signature)	/ // (Kai YASUOKA	
September 15, 2006	Name of Inventor	Ø	: Dopun		
)		(signature)		Kenichi KAZAMA	
Date September 15, 2006	Name of Inventor	a. Deineya			
,		(signature)		Ayumi TSUNEYA	
Date September 15, 2006	Name of Inventor	C	J. Sarto		
		(signature)		Shunji SATO	
Date .	Name of Inventor				
		(signature)			
Date	Name of Inventor				
		(signature)			

RECORDED: 10/30/2006

PATENT REEL: 018452 FRAME: 0301