PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takuya ISHIDA	08/19/2009

RECEIVING PARTY DATA

Name:	KYOCERA CORPORATION			
Street Address:	6, Takeda Tobadono-cho, Fushimi-ku			
City:	Kyoto-shi, Kyoto			
State/Country:	JAPAN			
Postal Code:	612-8501			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12594162

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ATTORNEY DOCKET NUMBER: 81863.0071

NAME OF SUBMITTER: Lawrence J. McClure

Total Attachments: 2

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PATENT REEL: 023308 FRAME: 0974

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RECORDATION FORM COVER LETTER

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY

Attorney Docket No.: 81863.0071 To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Takuya ISHIDA KYOCERA CORPORATION 6, Takeda Tobadono-cho, Fushimi-ku Additional name(s) of conveying party(les) attached?

Yes

No Kyoto-shi, Kyoto 612-8501 Japan 3. Nature of conveyance: Assignment Execution Date: August 19, 2009 Additional name(s) & address(es) attached?

Yes

No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: August 19, 2009 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?

Yes

No Total number of applications and patents involved: [1] Name and address of party to whom correspondence concerning document should be mailed: Lawrence J. McClure, Esq. 7. Total fee (37 CFR 3.41) \$40.00 HOGAN & HARTSON L.L.P. 1999 Avenue of the Stars, Suite 1400 Enclosed Los Angeles, CA 90067 Authorized to be charged to deposit account 8. Deposit account number: 50-1314 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Date: September 30, 2009 Lawrence J. McClure OMB No. 0651-0011 (exp. 4/94) Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Attorney Docket No. 81863.0018

ASSIGNMENT

(1-8)	Name(s) of Inventor(s)	(1) (2) (3) (4)	Takuya ISHIDA		(5) (6) (7) (8)		
			In consideration of undersigned, the transfer and set of KYOCERA CORPO	undersigne /er to	and valuable consider	rations paid to each of the and hereby does assign,	
(9)	Name of Assignee	(9)	KTOCEKA COKPC	RATION			
(10)	State of Incorporation of Assignee	(10)	Kyoto, Japan				
(11)	Address of Assignee	(11) ((hereinafter design interest in the inve	nated as the ention knowr	as	orldwide right, title and	
(12)	Identification of Invention as Title, Case Number of Foreign Application Num	r	SHEET MEMBER, ROTARY TOOL USING THE SHEET MEMBER, AND CUTTING METHOD USING THE ROTARY TOOL, for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.				
(13)	Date(s) of Signing of Declaration	(13)	on		1		
and c assigr	The undersigned ontinuing United States ments in connection with	and foreign ap	plications for the a	above-identit	fied invention and also	inal, reissue, divisional o to execute separate nt.	
	The undersigned red concerning this applicate in obtaining evidence are concerned.	cation or continu	uation or division t	hereof and t	nnection with any inter o cooperate with the A	ference which may be Assignee in every way	
	The undersigned sary in connection with or agreements.	agree(s) to e claims or provis	xecute all papers ions of the Interna	and docun tional Conve	nents and perform ar ention for Protection of	y act which may be Industrial Property or	
United	The undersigned States patent to the Ass		form all affirmative	acts which r	may be necessary to o	btain a grant of a valid	
therec	5) The undersigned s Patents of the United S of to the said Assignee, a by the entire interest herei	States resulting s Assignee of the	from said applicati he entire interest, a	on or any d and hereby o	covenants that he has (continuing applications (they have) full right to	
	6) The undersigned	hereby appoints	s the persons asso	ciated with 0	O00026021	26021	
the po with th	ower to insert on this ass ne rules of the United Sta	ignment any fu tes Patent and	rther identification Trademark Office fo	which may b or recordatio	pe necessary or desira n of this document.	PATENT TRADEMARK OFFICE ble in order to comply	
Date:	19/08/2009	Signature of In	ventor 1	uya :	ISHIÐA		
Date:		Signature of In	ventor 2				
Date:		Signature of In	ventor 3				
Date:		Signature of In	ventor 4		_		
Date:		Signature of In	ventor 5				

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