PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the first name of inventor MINORU NAKASUGA previously recorded on Reel 020990 Frame 0013. Assignor(s) hereby confirms the Minoru NAKASUGA and Hideo KIMURA assign their rights for USSN: 12/089,879 to KYOCERA CORPORATION.

CONVEYING PARTY DATA

Name	Execution Date
Minoru NAKASUGA	01/11/2008
Hideo KIMURA	12/14/2007

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				

Name:	DAIICHI KIGENSO KAGAKU KOGYO CO., LTD.	
Street Address: 6-38, Hirabayashi Minami 1-chome		
Internal Address:	Suminoe-ku	
City: Osaka-shi, Osaka		
State/Country:	JAPAN	
Postal Code:	559-0025	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12089879

CORRESPONDENCE DATA

Fax Number: (310)595-3400

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 310-595-3000

Email: laura.rivero@dlapiper.com
Correspondent Name: DLA PIPER US LLP

501374391 PATENT REEL: 025458 FRAME: 0087

12089879

Address Line 1: 1999 AVENUE OF THE STARS

Address Line 2: SUITE 400

Address Line 4: LOS ANGELES, CALIFORNIA 90067-6023

ATTORNEY DOCKET NUMBER: 374611-000155

NAME OF SUBMITTER: Lawrence J. McClure

Total Attachments: 7

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Form PTO-1595 1-3-92

RECORDATION FORM COVER LETTER

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

Attorney Docket No.: 374611-000155 (formerly 81880.0170)

			Attorney Booker 183.: 87-7011 000100 (1511101)					
	To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.							
1.	Name of conveying party(ies):	2.	Name and address of receiving party(ies):					
	Minoru NAKASUGA signed 01/11/2008 Hideo KIMURA signed 12/14/2007		KYOCERA CORPORATION 6, Takeda Tobadono-cho, Fushimi∔ku Kyoto-shi, Kyoto 612-8501 Japan					
Ade	ditional name(s) of conveying party(ies) attached? Yes No		and					
3.	Nature of conveyance: Other: Corrective document to correct Assignor name "MINORU NAKASUGA" previously recorded as "MINARU NAKASUGA" on Reel: 020990; Frame: 0013.		DAIICHI KIGENSO KAGAKU KOGYO CO., LTD. 6-38, Hirabayashi Minami 1-chome, Suminoe-ku Osaka-shi, Osaka 559-0025 Japan					
	Execution Date: December 14, 2007 and January 11, 2008							
			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 exect	ation	date of the application is:					
	A. Patent Application No.(s) 12/089,879		B. Patent No.(s)					
	Additional numbers attac	:hed1	? ☐ Yes No					
5.	Name and address of party to whom correspondence concerning document should be mailed:	6.	Total number of applications and patents involved: [1]					
	Lawrence J. McClure, Esq. DLA Piper LLP (US)	7.	Total fee (37 CFR 3.41) \$40.00					
	1999 Avenue of the Stars, Suite 400 Los Angeles, CA 90067		☐ Enclosed ☑ 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	THI	S SPACE					
9.	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.							
	Lawrence J.McClure, Ph.D.	Da	ste: December 9, 2010					
OI	MB No. 9651-0011 (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								

ASSIGNMENT

			-						
(1-8)	Name(s) of inventor(s)	(1)	Minoru NAKASUGA	(2)	Hideo KIMURA				
			In consideration of the good an undersigned, the undersigned transfer and set over to	nd valuable agree(s) to	considerations pai assign, and here	d to each of the by does assign,			
(9)	Name of Assignee	(9)	(1) KYOCERA CORPORATION &	and KOGYO C	O., LTD.				
(10).	State of Incorporation of Assignee	(10).	(i) and (ii) a Japanese Corporat			•			
(11)	Address of Assignee	(11)	of' (i) 6, Takeda Tobadono-cho, Fus (ii) 6-38, Hirabayashi Minami 1-Chor	shimi-ku, Kyo me, Suminoo	oto-shi, KYOTO 612-8: a-ku, Osaka-shi, OSAk	501, JAPAN [.] (A 559-0025, JAPAN			
			(hereinafter designated as the A interest in the invention known a		he entire worldwide	right, title and			
(12)	Identification of invention, such as Title, Case Number or	(12)		COLORED ZIRCONIA-BASED SINTERED BODY AND MANUFACTURING METHOD THEREOF AND DECORATIVE MEMBER					
	Foreign Application Number		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						
contin	The undersigned agree(s) nuing United States and foreign ap nnection with such applications as	plicati	cute all papers necessary in con ons for the above-identified inver signee may deem necessary or e	ition and a	h any original, reissa Iso to execute separ	ue, divisional and rate assignments			
decla possi	The undersigned agree(s tred concerning this application of ble in obtaining evidence and goin	r cont	recute all papers necessary in c inuation or division thereof and ard with such interference.	connection to cooper	with any interference ate with the Assign	ce which may be ee in every way			
conn	The undersigned agree(s) ection with claims or provisions of	to exi	ecute all papers and documents a emational Convention for Protect	and perforr ion of Indu	n any act which may strial Property or sin	/ be necessary in iliar agreements.			
Unite	The undersigned agree(s states patent to the Assignee.) to p	erform all affirmative acts which	may be no	ecessary to obtain a	a grant of a valid			
cald	5) The undersigned hereby nts of the United States resulting fi Assignee, as Assignee of the enti- est herein assigned, and that he had	rom sa re inte	rest, and hereby covenants that i	divisions or he has (the	continuing applicati by have) full right to	ons thereof to the			
	6) The undersigned hereby	appoin	ts the persons associated with C	0000260)21]······	26021			
the ; the :	oower to insert on this assignment ules of the United States Patent ar	any f	urther identification which may be demark Office for recordation of t	e necessar his docume	y or desirable in ord	ENT TRADEMARK OFFIC I'er to comply with			
,	T ((> > 0 A B)	: 5	Inventor 1 Minora	Malo	assea				
Date	Signatu Signatu	nie ėį	inventor i rreawate		7-	•			
	• •		-			•			
Date	e; Signat	ure of	Inventor 2						
	•			•		•			
	•		,						

ASSIGNMENT

(1-8)	Name(s) of Inventor(s)	(1)	Minoru NAKASUGA	(2)	Hideo KIMURA				
					considerations paid to each of the assign, and hereby does assign,				
(9)	Name of Assignee	(9)	(i) KYOCERA CORPORATION and (ii) DAIICHI KIGENSO KAGAKU KO	GYO C	CO., LTD.				
(10)	State of Incorporation of Assignee	(10)	(i) and (ii) a Japanese Corporation		•				
(11)	Address of Assignee	(11)	of (i) 6, Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, KYOTO 612-8501, JAPAN (ii) 6-38, Hirabayashi Minami 1-Chome, Suminoe-ku, Osaka-shi, OSAKA 559-0025, J/						
			(hereinafter designated as the Assignterest in the invention known as	gnee) ti	ne entire worldwide right, title and				
(12)	Identification of Invention, such as Title, Case Number or	(12)	COLORED ZIRCONIA-BASED SIN' METHOD THEREOF AND DECORA	TERED ATIVE	BODY AND MANUFACTURING MEMBER				
	Foreign Application Number		for which the undersigned has (have United States of America and all pa corresponding thereto or based the	atent ap	cuted an application for patent in the oplications in foreign countries				
(13)	Date(s) of Signing of Declaration	(13)		,					
	nuing United States and foreign ap	plicati	ecute all papers necessary in connect ons for the above-identified invention signee may deem necessary or expe	and al					
		r cont	recute all papers necessary in conne inuation or division thereof and to c ard with such interference.						
conne	The undersigned agree(s) ection with claims or provisions of the control of	to exc he int	ecute all papers and documents and permational Convention for Protection of	perform of Indus	n any act which may be necessary in strial Property or similar agreements.				
Unite	4) The undersigned agree(s d States patent to the Assignee.) to pe	erform all affirmative acts which may	be ne	cessary to obtain a grant of a valid				
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.									
	6) The undersigned hereby appoints the persons associated with Customer Number: 000026021 26021								
TRADEMARK OFFICE 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 United States Patent and Trademark Office for recordation of this document.									
Date:	: Signatu	re of I	nventor 1						
			7,	フ.					
Date	Date: 1201 Signature of Inventor 2 Human								



CORRECTED NOTICE

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 31, 2008

PTAS

LAWRENCE J. MCCLURE, ESQ. HOGAN & HARTSON L.L.P. 1999 AVENUE OF THE STARS SUTIE 1400 LOS ANGELES, CA 90067

> UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/19/2008

REEL/FRAME: 020990/0013

NUMBER OF PAGES: 5

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT TO THE ASSIGNEE NAME NAKASUGA, PREVIOUSLY RECORDED AT REEL 020799 FRAME 0759.

DOCKET NUMBER: 81880.0170

0 ASSIGNOR:

NAKASUCA, MINARU

DOC DATE: 01/11/2008

ASSIGNOR:

KIMURA, HIDEO

DOC DATE: 12/14/2007

ASSIGNEE:

KYOCERA CORPORATION

6, TAKEDA TOBADONO-CHO, FUSHIMI-KU KYOTO-SHI, KYOTO, JAPAN 612-8501

ASSIGNEE:

DAIICHI KIGENSO KAGAKU KOGYO CO., LTD.

6-38, HIRABAYASHI MINAMI 1-CHOME, SUMINOE-KU

OSAKA-SHI, OSAKA, JAPAN 559-0025

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AUG 0 7 2008

DOCKETING

REEL: 025458 FRAME: 0092

020990/0013 PAGE 2

SERIAL NUMBER: 12089879 FILING DATE: PATENT NUMBER: ISSUE DATE:

TITLE: COLORED ZIRCONIA-BASED SINTERED BODY AND MANUFACTURING METHOD

THEREOF AND DECORATIVE MEMBER

KIMBERLY WHITE, EXAMINER ASSIGNMENT SERVICES BRANCH PUBLIC RECORDS DIVISION

	m PTO-1595 -92	RE	07-1	5-	2008	TER	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
	Re 7-1.08					 	Attorney Docket No.: 81880.0170		
	To the Assistant Commissi	oner fc	10 <u>35</u>	<u>513</u>	3954	,al docume	ents or copy thereof.		
1.	Name of conveying party(ies):			2.	Name and addres	s of receiving	party(les):		
Ade	Minoru NAKASUGA signed 01/11/2008 Hideo KIMURA signed 12/14/2007 Additional name(s) of conveying party(ies) attached? Yes No			KYOCERA CORPORATION 6, Takeda Tobadono-cho, Fushimi-ku Kyoto-shi, Kyoto 612-8501 Japan					
3.	Nature of conveyance:				And				
	○ Other: Corrective Document to correct Assignee name "KYOCERA" previously recorded on Reel: 020990; Frame: 0013 under Doc. ID NO.; 103509422			DAIICHI KIGENSO KAGAKU KOGYO CO., LTD. 6-38, Hirabayashi Minami 1-chome, Suminoe-ku Osaka-shi, Osaka 559-0025 Japan					
	Execution Date: December 14, 2007 and	January 11.	2008						
					Additional name(s	s) & address(e	s) attached? Yes No		
4,	Application number(s) or patent number(s	s):							
	If this document is being filed together wit	th a new app	lication, the execu	ition	date of the applicat	ion is: Ja	nuary 11, 2008		
	A. Patent Application No. 12/089,879				B. Patent No.(s)			
		Addition	nal numbers attac	hed?	☐ Yes 🖾 No	0			
5.	Name and address of party to whom comdocument should be mailed:	espondence	concerning	6.	Total number of a	pplications an	d patents involved: [1]		
	Lawrence J. McClure, Esq. HOGAN & HARTSON L.L.P.			7. Total fee (37 CFR 3.41)					
	1999 Avenue of the Stars, Suite 140 Los Angeles, CA 90067	0			☐ Enclosed ☐ Authorized to	be charged to	deposit account		
				8.	Deposit account r	number:			
					•	50-	1314		
					(Attach duplicate	copy of this p	age if paying by deposit account)		
		_	DO NOT USE	THI	S SPACE				
9.	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: July 10, 2008									
	Lawrence J. McCli	11.6		₽d	July 10, 200	-			
OMB No. 0651-0011 (exp. 4/94)									
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	Director of the U.S. Patent and Trademark Office P.O. Box 1450								
į			Alexandria, VA 22313-1450						

WLA - 061680/000170 - 393519 v1

	m PTO-1595 -92 RE	1		TTER	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
	1035	-			Attorney Docket No.: 81880.0170	
	To the Assistant Commissioner for Parents: Please to	cord th	e attached origin	nal docum	ents or copy thereof.	
1.	Name of conveying party(les):	2, N	ame and address	of receiving	g party(les):	
Ado	Minoru NAKASUGA signed 01/11/2008 Hideo KIMURA signed 12/14/2007 iitional name(s) of conveying party(ies) attached? Yes No	KYOCERA CORPORATION 6, Takeda Tobadono-cho, Fushimi-ku Kyoto-shi, Kyoto 612-8501 Japan				
		A	nd			
3.	Nature of conveyance: Other: Corrective Document to correct Assignee name "KYOCERA" previously recorded on Reel: 020990; Frame: 0013	6		finami 1-ch	KOGYO CO., LTD. iome, Suminoe-ku apan	
	Execution Date: December 14, 2007 and January 11, 2008					
	-	A	dditional 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 exec	ition dat	e of the application	nis: J	anuary 11, 2008	
	A. Patent Application No. 12/089,879	E	. Patent No.(s)			
	Additional numbers atta	hed?]Yes ⊠ No	<u>-</u> .	<u> </u>	
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. T	otal number of app	olications a	nd patents involved: [1]	
	Lawrence J. McClure, Esq. HOGAN & HARTSON L.L.P.	7. T	otal fee (37 CFR 3	.41) \$40,	00	
	1999 Avenue of the Stars, Suite 1400 Los Angeles, CA 90067		Enclosed Authorized to be	charged t	o deposit account	
		8. D	eposit account nur	mber:		
				50	-1314	
		· (Attach duplicate co	opy of this p	page if paying by deposit account)	
	DO NOT USE	THIS	SPACE			
9.	Statement and signature.					
	To the best of my knowledge and belief, the foregoing is true and corre	t and ar	y attached copy is	s a true cop	y of the original document.	
	oftwar JMCally	Date:	June 12, 2008			
OM	Lawrence J. McClure		V-1.10, 1-4			
OMB No. 0651-0011 (exp. 4/94) Mail documents to be recorded with required cover sheet information to:						
416	Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450					

\\\LA - 081880/000170 - 390167 v1

RECORDED: 12/09/2010