05-01-2006 Form PTO-1595 U.S. DEPARTMENT OF COMMERCE RE TER 1-3-92 Patent and Trademark Office 103229371 Attorney Docket No.: 89319.0001 ssistant 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): Kouji SHIRASU signed 4/7/06 KYOCERA CORPORATION Joushi GOTOU signed 4/6/06 6, Takeda Tobadono-cho, Fushimi-ku, Hiroyuki WATANABE signed 4/7/06 Kyoto-shi, Kyoto 612-8501 Japan Additional name(s) of conveying party(ies) attached?

Yes

No Nature of conveyance: Execution Date: April 6 and 7, 2006 Additional name(s) & address(es) attached? ☐ Yes ☒ No 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: April 7, 2006 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?

Yes 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. Total fee (37 CFR 3.41) \$40.00 HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Enclosed Los Angeles, CA 90071 Authorized to be charged to deposit account 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. April 25, 2006 Dariush G. Adli 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

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PATENT REEL: 017805 FRAME: 0354

Attorney Docket No.	
-	企業十重化

ASSIGNMENT

譲渡証書

(1-4) 発明者名	(1)	(1-4)	Name(s) of	(1)	Kouji SHIRASU			
	(2) (3)		Inventor(s)	(2)	Joushi GOTOU			
	(4)			(3)	Hiroyuki WATANABE			
	以下の署名者各々に対して支払わ			(4)				
	れる価値ある対価に基づき、下記 署名者は被譲渡人、				In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does			
(9) 被譲渡人氏名	(9)				assign, transfer and set over to			
(10)被譲渡人の会社 設立の州名	(10)	(9)	Name of Assignee	(9)	KYOCERA Corporation			
(11) 被譲渡人の住所	(11)	(10)	State of Incorporation of Assignee	(10)				
	(上記を、以下被譲渡人)へ、下 お思え者が以兄にかいて禁む出題	(11)	Address of Assignee	(11)	Fushimi-ku, Kyoto-city, Kyoto 612-			
	記署名者が米国に於いて特許出願	()	, , , , , , , , , , , , , , , , , , ,					
(12)発明の名称、件 名番号、又は外国に於け	した (12)				8501, Japan (hereinafter designated as the Assignee) the entire worldwide			
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	の発明、及びそれに対応する若し くはそれに基づいた外国での全て				invention known as			
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	び利益を譲渡することに同意し、		or Foreign		(have) executed an application for patent in the United States of America and all patent applications			
	ここに譲渡する。		Application Number					
(13) 署名日宣言	(13) 日付				in foreign countries corresponding thereto or based thereon.			
1) 下記署名者に	は、上記の発明に関し米国及び外国	(13)	Date(s) of Signing	(13)	on April b, 2006 and			
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4) 下記署名者は、被譲渡人が有効な米国特許の付

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- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

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Date: April 7, 2006 Karing Shirasus
Signature of Inventor I
Date: April b, 2006 To le Gotel
Signature of Inventor 2 Journal City
Date: April 7, 2006 Signature of Inventor 1 Date: April b, 2006 Signature of Inventor 2 Date: April 7, 2006 Date: April 7, 2006 Signature of Inventor 3 Date: April 7, 2006 Date: April 7, 2006
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Signature of Inventor 4
Date:
Signature of Inventor 5
Date:
Signature of Inventor 6

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