PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hidetoshi UMEDA	05/20/2008

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12158958

CORRESPONDENCE DATA

(310)785-4601 Fax Number:

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

Phone: 310-785-4746

Email: laprosecution@hhlaw.com Correspondent Name: HOGAN & HARTSON L.L.P. 1999 AVENUE OF THE STARS Address Line 1:

Address Line 2: **SUITE 1400**

Address Line 4: LOS ANGELES, CALIFORNIA 90067

ATTORNEY DOCKET NUMBER: 88556.0046

NAME OF SUBMITTER: Lawrence J. McClure

Total Attachments: 3

500574599

source=885560046assg#page1.tif source=885560046assg#page2.tif source=885560046assg#page3.tif

> **PATENT REEL: 021137 FRAME: 0339**

Form PTO-1595 1-3-92

RECORDATION FORM COVER LETTER

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY Attorney Docket No.: 88556.0046 To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Hidetoshi UMEDA KYOCERA CORPORATION 6. Takedatobadono-cho, Fushimi-ku Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Kyoto-shi, Kyoto 612-8501 Japan 3. Nature of conveyance: Assignment Execution Date: May 20, 2008 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: May 20, 2008 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached?

Yes ⊠ No Name and address of party to whom correspondence concerning Total number of applications and patents involved: [1] 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 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. June 23, 2008 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

> > PATENT REEL: 021137 FRAME: 0340

Attorney Docket No.	
	-分类上,由* //

ASSIGNMENT

譲渡証書

(1-8)発明者名	(1) (5)	(1-8)	Name(s) of	(1) H	lidetoshi UMEDA	(5)
	(2) · (6) (3) (7)		Inventor(s)	(2)		6
	(4) (8)			(3)		(7)
	以下の署名者各々に対して支払わ			(4)		(8)
	れる価値ある対価に基づき、下記		•	(-/	In consideration of	* *
	署名者は被譲渡人、				valuable consideration of the undersigned, agree(s) to assign, a	ons paid to each the undersigned
(9) 被譲渡人氏名	(9)		,		assign, transfer and s	
(10)被譲渡入の会社 設立の州名	(10)	<i>(9)</i>	Name of Assignee	(9)	KYOCERA CORPO	
(11)被譲渡人の住所	(11)	(10)	State of Incorporation of Assignee	(10)	KYOTO, Japan	٠
	(上記を、以下被譲渡人)へ、下	(11)	Address of Assignee	/115	of 6 Takedatobadone	•
	記署名者が米国に於いて特許出願	(11)	Address of Assignee	(11)		
(12) 発明の名称、件 名番号、又は外国に於け る特許出顧番号等の発明	した (12)				Fushimi-ku Kyoto-sl (hereinafter designat Assignee) the entire right, title and interes	ed as the worldwide
を識別するもの	で識別される特許出願として公知 の発明、及びそれに対応する若し				invention known as	er III üle
	くはそれに基づいた外国での全て の特許出願として公知の発明の世 界各国に亙っての権利、所有権及	(12)	Identification of Invention, such as Title, Case Number	(12)	IMAGE SIGNAL P METHOD AND IMA PROCESSING DEV	GE SIGNAL
	び利益を譲渡することに同意し、 ここに譲渡する。		or Foreign Application Number		for which the unders (have) executed an a	plication for
(13)署名日宣言	(13) 日付				patent in the United and all pater in foreign countries of thereto or based there	nt applications orresponding
	、上記の発明に関し米国及び外国	(13)	Date(s) of Signing	(13)	on	
	7、分割出願及び継続出願に必要な マナスことに同意する。 さらに下記	1>	of Declaration	(-5)		

- 全ての青類手続きを遂行することに同意する。さらに下記署名者は、被譲渡人が必要もしくは便宜と看做した際には、かかる出願に関し別個の譲渡手続きを行うことに同意する。
- 2) 下記署名者は、当該出願又はその継続出願又は 分割出願に関し提起され得る抵触審査に関連して必要な全 ての書類手続きを遂行することに同意する。 さらにかかる 抵触審査が発生した際には、証拠の収集等事態の進展に関 し被譲渡人に対しあらゆる協力をすることに同意する。
- 3) 下記署名者は、パリ条約条項又は類似の合意の 要求又は規定に関し必要な全ての書類手続き、及び必要と 看做される行為全てを遂行することに同意する
- 4) 下記署名者は、被譲渡人が有効な米国特許の付 与の獲得にあたり必要と看做されるあらゆる積極的行動を とることに同意する。

- 1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 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.

Page 1 of 2

- 5) 下記署名者は、ここに、特許庁長官に対し、被譲渡人を全利益の被譲渡人と看做し、当該出願又はその分割及び継続出願の米国特許証を被譲渡人に発行する権限を与え、かかる発行を要請する。下記署名者はさらに、被譲渡人はここに譲渡される全利益の譲渡を受ける権利を有すること、及び当該内容に違反する内容の契約は締結していないことを誓約する。
- 6) 下記署名者は、ここに、 顧客番号

000026021	\longrightarrow

で表される者に、この書類の登録に関して米国特許商標庁 の規則の順守にあたり必要もしくは望ましい識別番号等を この譲渡証書に追加する権限を与える。

日付	第一署名者
日付	第二署名者
日付	第三署名者
日付	第四署名者
日付	第五署名者
日付	第六署名者

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 here in assigned and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby ap	points the persons associated with
Customer Number: 000026021	26021
	PATENT TRADEMARK OFFICE

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rues of the United States Patent and Trademark Office for recordation of this document.

Date:	- Hidetoshi	UMEĐA
Date: May 20, Signature of Inventor 2_	2008	
Date:Signature of Inventor 3 _	-	
Date: Signature of Inventor 4	_	
Date:Signature of Inventor 5 _	_	
Date:	-	