

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kimihiro YAMANAKA</td><td>02/23/2010</td></tr><tr><td>Manabu ICHINOSE</td><td>02/23/2010</td></tr><tr><td>Satoshi NAKAMURA</td><td>02/23/2010</td></tr></tbody></table>		Name	Execution Date	Kimihiro YAMANAKA	02/23/2010	Manabu ICHINOSE	02/23/2010	Satoshi NAKAMURA	02/23/2010		
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Manabu ICHINOSE	02/23/2010										
Satoshi NAKAMURA	02/23/2010										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>KYOCERA CORPORATION</td></tr><tr><td>Street Address:</td><td>6 Takeda Tobadono-cho, Fushimi-ku</td></tr><tr><td>City:</td><td>Kyoto</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>612-8501</td></tr></table>		Name:	KYOCERA CORPORATION	Street Address:	6 Takeda Tobadono-cho, Fushimi-ku	City:	Kyoto	State/Country:	JAPAN	Postal Code:	612-8501
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12712034</td></tr></tbody></table>		Property Type	Number	Application Number:	12712034						
Property Type	Number										
Application Number:	12712034										
CORRESPONDENCE DATA											
Fax Number: (310)785-4601 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	81904.0028										
NAME OF SUBMITTER:	Lawrence J. McClure										
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PATENT  
REEL: 024069 FRAME: 0386

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RECORDATION FORM COVER LETTER  
**PATENTS ONLY**

Attorney Docket No.: 81904.0028

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kimihiro YAMANAKA  
Manabu ICHINOSE  
Satoshi NAKAMURA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

KYOCERA CORPORATION  
6 Takeda Tobadono-cho, Fushimi-ku  
Kyoto 612-8501 Japan

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 23, 2010

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:

A. Patent Application No.(s) 12/712,034

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Lawrence J. McClure, Esq.  
HOGAN & HARTSON L.L.P.  
1999 Avenue of the Stars, Suite 1400  
Los Angeles, CA 90067

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) \$40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

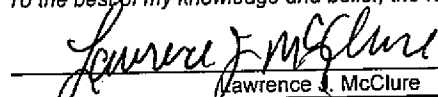
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9. Statement and signature.

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

Date: March 11, 2010

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

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Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ASSIGNMENT**  
**譲渡証書**

(1-8)発明者名

(1) \_\_\_\_\_ (1-8) Name(s) of  
Inventor(s)  
(2) \_\_\_\_\_  
(3) \_\_\_\_\_  
(4) \_\_\_\_\_  
(5) \_\_\_\_\_  
(6) \_\_\_\_\_  
(7) \_\_\_\_\_  
(8) \_\_\_\_\_

(1) Kimihito YAMANAKA  
(2) Manabu ICHINOSE  
(3) Satoshi NAKAMURA  
(4) \_\_\_\_\_  
(5) \_\_\_\_\_  
(6) \_\_\_\_\_  
(7) \_\_\_\_\_  
(8) \_\_\_\_\_

以下の署名者各々に対して支払わ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 assign, transfer and set over to

(9) 被譲渡人名

京セラ株式会社

(9) Name(s) of  
Assignee(s)

(9) KYOCERA Corporation

(10, 11)被譲渡人本店  
所在地・住所

京都市伏見区竹田烏羽殿町6番地  
〒612-8501、日本国

(10) State of  
Incorporation  
of Assignee(s)  
(11) Address(es)  
of Assignee(s)

(10) (11) of 6 Takeda Tobadono-cho,  
Fushimi-ku, Kyoto, Japan 612-8501, and

(上記を、以下被譲渡人)  
へ、下記署名者が米国に於いて特許出願した

(hereinafter designated as the Assignee(s)) the  
entire worldwide right, title and interest in the  
invention known as

(12)発明の名称、  
件番号、又は外国に於  
ける特許出願番号等の発  
明を識別するもの

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  
発明の世界各国に互っての権利、所有権  
及び利益を譲渡することに同意し、ここに譲  
渡する。

(12) Identification  
of invention, such  
as Title, Case  
Number or Foreign  
Application  
Number

(12) CIRCUIT BOARD AND STRUCTURE  
USING THE SAME

which was filed as U.S. Patent Application No.  
\_\_\_\_\_ on \_\_\_\_\_

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.

1) 下記署名者は、上記の発明に関し米国及び外国に於ける原出願、再  
発行、分割出願及び継続出願に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。

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) 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。

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) 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。

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) 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。

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.

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。

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.

6) 下記署名者は、これにより本書類の記録のために必要であるか、または望ましい識別を促進するために本譲渡証に挿入する権限を顧客番号 26021 で表される者に与えます。

6) The undersigned hereby grant(s) to the persons associated with Customer Number: 26021 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.

発明者1

Inventor 1

名前 日付

*Kimihiro Yamataka* 2/23/2010  
Name Kimihiro YAMANAKA Date

発明者2

Inventor 2

名前 日付

*Manabu Ichinose* 02/23/2010  
Name Manabu ICHINOSE Date

発明者3

Inventor 3

名前 日付

*Satoshi Nakamura* 2/23/2010  
Name Satoshi NAKAMURA Date

発明者4

Inventor 4

名前 日付

Name Date

発明者5

Inventor 5

名前 日付

Name Date

発明者6

Inventor 6

名前 日付

Name Date

発明者7

Inventor 7

名前 日付

Name Date

発明者8

Inventor 8

名前 日付

Name Date