

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hiromichi YOSHIKAWA</td> <td>04/16/2010</td> </tr> <tr> <td>Shinji ISOYAMA</td> <td>04/16/2010</td> </tr> <tr> <td>Katsuro NAKAMATA</td> <td>04/16/2010</td> </tr> </tbody> </table>		Name	Execution Date	Hiromichi YOSHIKAWA	04/16/2010	Shinji ISOYAMA	04/16/2010	Katsuro NAKAMATA	04/16/2010		
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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-shi, 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-shi, Kyoto	State/Country:	JAPAN	Postal Code:	612-8501
Name:	KYOCERA CORPORATION										
Street Address:	6, Takeda Tobadono-cho, Fushimi-ku										
City:	Kyoto-shi, Kyoto										
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Postal Code:	612-8501										
PROPERTY NUMBERS Total: 1											
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Application Number:	12739933										
CORRESPONDENCE DATA											
<p>Fax Number: (310)785-4601 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 310-785-4746 Email: ctkeyner@hhlaw.com Correspondent Name: HOGAN & HARTSON L.L.P. Address Line 1: 1999 AVENUE OF THE STARS Address Line 2: SUITE 1400 Address Line 4: LOS ANGELES, CALIFORNIA 90067</p>											
ATTORNEY DOCKET NUMBER:	81716.0225										
NAME OF SUBMITTER:	Lawrence J. McClure										
<p>Total Attachments: 3 source=817160225_assg#page1.tif</p>											

CH \$40.00 12739933

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PATENT
REEL: 024290 FRAME: 0841

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RECORDATION FORM COVER LETTER
PATENTS ONLY

Attorney Docket No.: 81716.0225

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

1. Name of conveying party(ies):

Hiromichi YOSHIKAWA
Shinji ISOYAMA
Katsuro NAKAMATA

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-shi, Kyoto 612-8501 Japan

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: April 16, 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: April 16, 2010

A. Patent Application No.(s)

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:

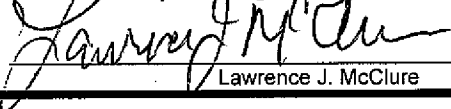
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9. Statement and signature.

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: April 26, 2010

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

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

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62656 US/ 08P019.93 WO 1/2

Attorney Docket No. 81716.0225
弁護士事件番号ASSIGNMENT
譲渡証書

(1-8) 発明者名

(1-8) Name(s) of
Inventor(s)
(1) _____
(2) _____
(3) _____
(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、

(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・住所京都府京都市伏見区竹田島羽殿町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-shi, Kyoto 612-8501 Japan 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、
件名番号、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(12) Identification
of Invention, such
as Title, Case
Number or Foreign
Application Number(12) DIPLEXER; AND WIRELESS
COMMUNICATION MODULE
AND WIRELESS COMMUNICATION
APPARATUS USING THE SAME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。(PCT/JP2008/069378)
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
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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.

62656 US / 08 P 01493 WO $\frac{2}{2}$ Attorney Docket No. 81716.0225
弁護士事件番号

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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.

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) The undersigned hereby grant(s) to the persons associated with Customer Number: 100026021 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

名前 日付

発明者 2

名前 日付

発明者 3

名前 日付

発明者 4

名前 日付

発明者 5

名前 日付

発明者 6

名前 日付

Inventor 1

Name Hiromichi YOSHIKAWA Date April 16, 2010

Inventor 2

Name Shinji ISOYAMA Date April 16, 2010

Inventor 3

Name Katsuro NAKAMATA Date April 16, 2010

Inventor 4

Name Date

Inventor 5

Name Date

Inventor 6

Name Date