

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Tadashi NAGASAWA</td><td>08/22/2008</td></tr><tr><td>Masaharu SHIRAI</td><td>08/22/2008</td></tr><tr><td>Kenji KUME</td><td>08/22/2008</td></tr><tr><td>Yutaka TSUKADA</td><td>08/22/2008</td></tr></tbody></table>	Name	Execution Date	Tadashi NAGASAWA	08/22/2008	Masaharu SHIRAI	08/22/2008	Kenji KUME	08/22/2008	Yutaka TSUKADA	08/22/2008	
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Masaharu SHIRAI	08/22/2008										
Kenji KUME	08/22/2008										
Yutaka TSUKADA	08/22/2008										
RECEIVING PARTY DATA											
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Street Address:	6, Takeda Tobadono-cho, Fushimi-ku										
City:	Kyoto-shi, Kyoto										
State/Country:	JAPAN										
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>12162770</td></tr></tbody></table>	Property Type	Number	Application Number:	12162770							
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Application Number:	12162770										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Troy M. Schmelzer										
Total Attachments: 2 source=81716_0186_recordation#page1.tif											

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PATENT
REEL: 021755 FRAME: 0961

RECORDATION FORM COVER LETTER
PATENTS ONLY

Attorney Docket No.: 81716.0186

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

1. Name of conveying party(ies):

Tadashi NAGASAWA
Masaharu SHIRAI
Kenji KUME
Yutaka TSUKADA

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

KYOCERA CORPORATION
6, Takeda Tobadono-cho, Fushimi-ku
Kyoto-shi, Kyoto
JAPAN

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

3. Nature of conveyance:

☒ Assignment

Execution Date: August 22, 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 execution date of the application is:

A. Patent Application No.(s) 12/162,770

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:


50-1314

(Attach duplicate copy of this page if paying by deposit account)

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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.


Troy M. Schmelzer

Date: October 29, 2008

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

ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s)
- (1) Tadashi NAGASAWA (5)
(2) Masaharu SHIRAI (6)
(3) Kenji KUME (7)
(4) Yutaka TSUKADA (8)
- In consideration of the sum of one dollar (\$1.00) and other 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) Insert name of Assignee (9) KYOCERA CORPORATION
(10) Insert state of Incorporation of Assignee (10) a corporation of Japan
(11) Insert address of Assignee (11) 6, Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto, Japan
(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
- (12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number (12) RESIN FILM; ADHESIVE SHEET; CIRCUIT BOARD; AND ELECTRONIC APPARATUS
- 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) Insert Date of Signing of Application (13) on August 22, 2008

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.

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 STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; WILLIAM H. WRIGHT, Reg. No. 36,312; DAVID LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690; ALFRED A. D'ANDREA, JR., Reg. No. 27,752; WILLIAM J. KUBIDA, Reg. No. 29,664; STUART T. LANGLEY, Reg. No. 33,940; MICHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. PETERSON, Reg. No. 36,238; STEVEN K. BARTON, Reg. No. 36,445; SARAH S. O'ROURKE, Reg. No. 41,226; E. MATTHEW G. DYOR, Reg. No. 42,278, 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: August 22, 2008 Signature of Inventor: Tadashi NAGASAWA *Tadashi Nagasawa*
Date: August 22, 2008 Signature of Inventor: Masaharu SHIRAI *Masaharu Shirai*
Date: August 22, 2008 Signature of Inventor: Kenji KUME *Kenji Kume*
Date: August 22, 2008 Signature of Inventor: Yutaka TSUKADA *Yutaka Tsukada*