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Attorney Docket No.: 88547.0001
Formerly: 88536.0001

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

1. Name of conveying party(ies):

Kouichi MOTOYOSHI
Ryuichi ONAKA

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

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

MURATA KIKAI KABUSHIKI KAISHA
3, Minami Ochiai-cho, Kisshoin,
Minami-ku, Kyoto-shi, Kyoto, Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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"KYOTO" and Filing Date: 06/10/2004 previously recorded on
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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) 29/223,166 filed 06/10/2004

B. Patent No.(s)

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

Darius G. Adli, Esq.
HOGAN & HARTSON L.L.P.
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071

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

7. Total fee (37 CFR 3.41)

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Lawrence J. McClure

Date: February 8, 2006

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.: 88547.0001
Formerly: 88536.0001

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1. Name of conveying party(ies):

Kouichi MOTOYOSHI
Ryuichi ONAKA

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

3. Nature of conveyance:

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Execution Date: May 27, 2004

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

MURATA KIKAI KABUSHIKI KAISHA
3, Minami Ochiai-cho, Kisshoin,
Minami-ku, Kyoto-shi, Kyoto, Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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Additional numbers attached? ☐ Yes ☒ No

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500 South Grand Avenue, Suite 1900
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6. Total number of applications and patents involved: [1]

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Lawrence J. McClure

Date: September 28, 2005

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.: 88536.0001

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

1. Name of conveying party(ies):

Kouichi MOTOYOSHI
Ryuichi ONAKA

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

3. Nature of conveyance:

☒ Assignment

Execution Date: May 27, 2004

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

MURATA KIKAI KABUSHIKI KAISHA
3, Minami Ochiai-cho, Kisshoin,
Minami-ku, Kyoto-shi, Kyoto, Japan

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: May 27, 2004

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:

Darius G. Adli, Esq.
HOGAN & HARTSON L.L.P.
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071

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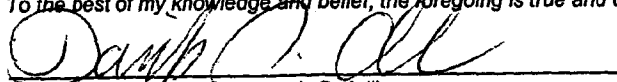
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Darius G. Adli

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PATENT
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ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s)
- (1) Kouichi MOTOYOSHI (5)
 (2) Ryuichi ONAKA (6)
 (3) (7)
 (4) (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) Murata Kikai Kabushiki Kaisha
 (10) Insert state of Incorporation of Assignee (10) a corporation of Japan
 (11) Insert address of Assignee (11) of 3, Minami ochiai-cho, Kisshoin, Minami-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) DIGITAL MULTIFUNCTIONAL MACHINE 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 May 27, 2004

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: May 27, 2004 Signature of Inventor Kouichi MOTOYOSHI
 Date: May 27, 2004 Signature of Inventor Ryuichi Onaka
 Date: _____ Signature of Inventor _____
 Date: _____ Signature of Inventor _____