

04-21-2010

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To the Director of the U.S. Patent and

103595237

documents or the new address(es) below.

1. Name of conveying party(ies)

Kazuyoshi INAKO
Kazuo KOYAMA
Masanori ISHIDA
Naoki NAKAJIMAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 2, 2010

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: CLARION CO., LTD.

Internal Address: _____

Street Address: 35-2, Hakusan 5-chomeCity: Bunkyo-kuState: TokyoCountry: JapanZip: 112-8608Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.
A. Patent Application No.(s)
B. Patent No.(s)

12/310,583

Additional numbers attached? ☐ Yes ☒ No

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

Name: Day Pitney LLP

Internal Address: _____

Street Address: 7 Times SquareCity: New YorkState: NYZip: 10036-7311Phone Number: 212-297-5800Fax Number: 212-916-2940Email Address: glevy@daypitney.com6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-1145Authorized User Name Robert L. Norton

9. Signature:

Signature

April 14, 2010

Date

Robert L. Norton

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

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PATENT

REEL: 024270 FRAME: 0135

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) Kazuyoshi INAKO (5) _____

(2) Kazuo KOYAMA (6) _____

(3) Masanori ISHIDA (7) _____

(4) Naoki NAKAJIMA (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) CLARION CO., LTD.

(10) Insert Address of Assignee (10) 35-2, Hakusan 5-chome, Bunkyo-ku, Tokyo 112-8608, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification of Invention such as Title, Case Number, or Foreign Application Number (11) IBOC BROADCASTING RECEIVER

(Attorney Docket No. 503038.117680)

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application (12) on _____

(13) Alternative Identification for filed applications (13) U.S. application Serial Number 12/310,583

filed February 27, 2009

1) The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, 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, maintain or confirm by reissue or reexamination 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(s) 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, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of **DAY PITNEY LLP** 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date March.02.2010 Name of Inventor Kazuyoshi Inako (SEAL)
Kazuyoshi INAKO

Date March.2.2010 Name of Inventor Kazuo Koyama (SEAL)
Kazuo KOYAMA

Date March, 2, 2010 Name of Inventor Masanori Ishida (SEAL)
Masanori ISHIDA

Date March. 2. 2010 Name of Inventor Naoki Nakajima (SEAL)
Naoki NAKAJIMA

Date _____ Name of Inventor _____ (SEAL)

PATENT

RECORDED: 04/19/2010

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