

A/D 581-40

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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



ET  
12/998805

To the Director of the U.S. Patent

103626610

documents or the new address(es) below

**1. Name of conveying party(ies):**  
Naohiro Fukuda  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name Panasonic Electric Works Co., Ltd.  
Internal Address \_\_\_\_\_  
Street Address \_\_\_\_\_  
  
1048, Oaza-Kadoma, Kadoma-shi  
Osaka, 571-8686, JAPAN  
  
City \_\_\_\_\_  
State \_\_\_\_\_  
Country \_\_\_\_\_ Zip \_\_\_\_\_  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) May 20, 2011  
 Assignment  Merger  Change of Name  
 Security Agreement  Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application  
A Patent Application No (s) \_\_\_\_\_  
This application  
B Patent No (s) \_\_\_\_\_  
  
Additional numbers attached?  Yes  No

**6. Total number of applications and patents involved:**

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name James E. Armstrong, IV  
EDWARDS ANGELL PALMER & DODGE  
LLP  
Internal Address Atty Dkt 88748(302721)  
Street Address P O Box 55874  
  
City Boston  
State MA Zip 02205  
Phone Number (202) 478-7375  
Fax Number (866) 658-1050  
Email Address jarmstrong@eapdlaw.com

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
Deposit Account Number 04-1105  
Authorized User Name James E. Armstrong, IV

**9. Signature:**  
  
Signature  
James E. Armstrong, IV - 42,266  
Name of Person Signing

06/08/2011 AMULLINS 00000003 041105 12998805  
01 FC:8021 June 08, 2011 E  
Date  
Total number of pages including cover sheet, attachments, and documents

6-3-11

**ASSIGNMENT BY INVENTOR**

**THIS ASSIGNMENT**, made this 20<sup>th</sup> day of May, 2011, by Naohiro FUKUDA (hereinafter referred to as Assignor), citizens of Japan;

**WHEREAS**, Assignor has invented certain new and useful improvements in

## KEY DISTRIBUTION SYSTEM

(filed as PCT International Application No. PCT/JP2009/070284) set forth in a Patent application for Letters Patent of the United States, filed herewith or if not filed herewith, being earlier filed on \_\_\_\_\_ and having Serial No. \_\_\_\_\_; and

**WHEREAS**, Panasonic Electric Works Co., Ltd., a corporation organized under and pursuant to the laws of Japan having its principal place of business at 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 571-8686, Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

**AND** for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be

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done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignor hereby grants the following individuals 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:

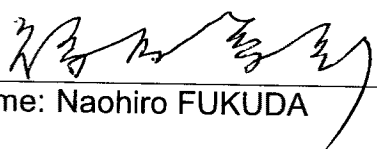
**EDWARDS ANGELL PALMER & DODGE LLP**

All practitioners at Customer Number 21874

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

MAY 20, 2011

Date

  
Name: Naohiro FUKUDA