U.S. PTO 12/457285 06/05/2009

Form PTO-1595 (Rev. 03-09) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office OMB No. 0651-0027 (exp. 03/31/2009) 06-17-2009 To the Director of the U.S. Patent cuments or the new address(es) below. 103564019 s of receiving party(les) 1. Name of conveying party(ie. Masaki YAMAUCHI Name: OKI ELECTRIC INDUSTRY CO., LTD. Internal Address: X No Additional name(s) of conveying party(ies) attached? Yes Street Address: 3. Nature of conveyance/Execution Date(s): 3-16-11 Nishi Shimbashi, Minato-ku Execution Date(s): May 19, 2009 x Assignment Merger Change of Name City: Tokyo Joint Research Agreement Security Agreement Government Interest Assignment State: 105-8460 Executive Order 9424, Confirmatory License **JAPAN** Country: Additional name(s) & address(es) Other attached? 4. Application or patent number(s): x This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) This application Additional numbers attached? x No 6. Total number of applications and 5. Name and address to whom correspondence concerning document should be mailed: patents involved: Name: Robert H. Berdo, Jr. RABIN & BERDO, PC 40.00 7. Total fee (37 CFR 1.21(h) & 3.41) Internal Address: Atty. Dkt.: FUJI-218 Street Address: 1101 14th St., NW Authorized to be charged to deposit account Suite 500 **Enclosed** None required (government interest not affecting title) Washington 8. Payment information City: 20005 Zip: State: (202) 371-8976 Phone Number: (202) 408-0924 **Deposit Account Number** Fax Number: **Authorized User Name** firm@rabinberdo.com **Email Address:** 9. Signature: June 5, 2009 Robert H. Berdo, Jr. - 38,075 Total number of pages including cover 2 sheet, attachments, and documents: Name of Person Signing

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PATENT REEL: 022840 FRAME: 0540

Attorney Reference
ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT
WHEREAS Masaki YAMAUCHI
nereinafter referred to collectively as the assignor, has invented a certain improvement relating to
X] the inventor(s) declaration for said application being executed concurrently with the execution of this nstrument; said application to be filed in the United States Patent and Trademark Office;] said application having been filed in the United States Patent and Trademark Office on,
authorization being hereby given to the practitioners associated with the
Customer Number 23995, to insert here in parentheses (Application Seria
] said application having been filed under the Patent Cooperation Treaty
on, Serial No.), the United States of America being designated.
AND WHEREAS Oki Electric Industry Co., Ltd.
of 3-16-11, Nishi Shimbashi, Minato-ku, Tokyo 105-8460, Japan
hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to
said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and
prolongations thereof; NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and
valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged
said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and
assigns, the full and exclusive right, title and interest in and to said application, including any and a divisions and continuations thereof, and in and to said invention and any and all patents which may be
granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said
assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any an
all divisions and continuations thereof, and the said invention and any and all patents which may be grante
therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers
privileges and advantages in anywise arising from or appertaining thereto, for and during the term or term
of any and all such patents when granted, including any and all renewals, reissues and prolongations therector the use and benefit of said assignee, and said assignee's successors and assigns, in as ample an
beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignmen
had not been made.
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee' successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including
any and all renewals, reissues and prolongations thereof.
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issu Letters Patent on said application, and on any and all divisions and continuations thereof,
to said assignee, and said assignee's successors and assigns, in accordance herewith.
AND Assignors hereby grant the following individuals the power to insert on this Assignment an
further identification which may be necessary or desirable in order to comply with the rules of the Unite
States Patent and Trademark Office for recordation of this document: Rabin & Berdo, PC
All practitioners at Customer Number 23995.
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time
the invention was made.
EXECUTED, May 19, 2009
WITNESS: ASSIGNOR:
Signature: Masaki Yamauchi Name: Masaki YAMAUCHI
Signature
Name: Masaki YAMAUCHI

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Rabin & Berdo, PC

RECORDED: 06/05/2009

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