11-29-2006 U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008 United States Patent and Trademark Office 103342090 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: KABUSHIKI KAISHA TOSHIBA SATOSHI YOKOTE Internal Address: Additional name(s) of conveying party(ies) attached? $oxedsymbol{\square}$ Yes $oxedsymbol{\overline{\mathrm{X}}}$ No Street Address: 1-1, Shibaura 1-chome, Minato-ku 3. Nature of conveyance/Execution Date(s): Execution Date(s) November 9, 2006 X Assignment Merger Change of Name Joint Research Agreement State: _____ Government Interest Assignment 105-8001 Country: Japan Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes X No 4. Application or patent number(s): \overline{X} This document is being filed together with a new application. B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes No 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: Name: PILLSBURY WINTHROP SHAW PITTMAN LLP 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: P.O. Box 10500 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed Street Address: 1650 Tysons Boulevard None required (government interest not affecting title) 008312-0358717 8. Payment Information City: McLean a. Credit Card Last 4 Numbers ___ VA ___ 22102 State: Zip: Expiration Date ____ Phone Number: (703) 770-7900 b. Deposit Account Number 033975 Fax Number: (703) 770-7901

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Email Address: thomas.hilliard@pillsburylaw.com

9. Signature: 🧹

Authorized User Name _ _

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November 21, 20**9**6

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ASSIGNMENT

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

ELECTRONIC DEVICE

sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith	
	[]	executed on	;
	[]	Application No.	, filed

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Pillsbury Winthrop Shaw Pittman LLP, 1650 Tysons Boulevard McLean, Virginia 22102-4859

PATENT REEL: 018632 FRAME: 0226

ASSIGNMENT

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