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YUKIHIKO HATA
KENTARO TOMIOKA
TATSUYA ARAKAWA
KOHEI WADA

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

2. Name and address of receiving party(ies)

Name: KABUSHIKI KAISHA TOSHIBA

Internal Address: _____

Street Address: 1-1, Shibaura 1-Chome, Minato-Ku,

City: Tokyo

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Country: Japan

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

Execution Date(s) 1/15/2007 (all)

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
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- Executive Order 9424, Confirmatory License
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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)

02/01/2007 MWOLDGE1 00000045 033975 11700179

04 FC:8021 (40.00 DA)

Additional numbers attached? Yes No

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

Name: PILLSBURY WINTHROP SHAW PITTMAN LLP

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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

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a. Credit Card Last 4 Numbers _____
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9. Signature:

January 31, 2007

Signature

Date

Jeffrey D. Karceski, Reg. No. 35914

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Client Ref.

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Yukihiro HATA	(2) Kentaro TOMIOKA
(3) Tatsuya ARAKAWA	(4) Kohei WADA
(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

KABUSHIKI KAISHA TOSHIBA
of 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan

(hereinafter designated "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 all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

ELECTRONIC DEVICE

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE ~~as~~ ~~as~~
(Complete
line A, B and/or C)

(A) even date herewith
(B) on _____
(C) in U.S. Appln. No. _____ / _____ filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE ~~as~~ ~~as~~ The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	INVENTORS	DATE SIGNED	WITNESSES
1):	<u>Yukihiro Hata</u>	January 15, 2007	
Name:	Yukihiro HATA		
2)	<u>Kentaro Tomioka</u>	January 15, 2007	
Name:	Kentaro TOMIOKA		
3)	<u>Tatsuya Arakawa</u>	January 15, 2007	
Name:	Tatsuya ARAKAWA		
4) Name:	<u>Kohei Wada</u>	January 15, 2007	
Name:	Kohei WADA		
5) Name:			
Name:			