

1. Name of conveying
- Satoshi SEMBA
2. Name and Address of receiving party:

103647546



FUJITSU LIMITED
1-1, Kamikodanaka 4-chome
Nakahara-ku, Kawasaki-shi
Kanagawa 211-8588
Japan

3. Nature of conveyance:
- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other: _____
- Execution Date(s): July 19, 2012

4. Application number(s) or patent number(s):
- ☐ This document is being filed together with a new application.
- OR
- ☒ This document is being filed after filing of the application:
- (a) Patent Application No(s). 13/558,539, filed July 26, 2012; or
- (b) Patent No(s).

5. Name and address of party to whom correspondence concerning document should be mailed:
- STAAS & HALSEY LLP Our Docket: 1341.1996
- Attention: Mark J. Henry
- 1201 New York Ave., N.W., 7th Floor
- Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)
- ☒ Enclosed
- ☐ Authorized to be charged to credit card.
- ☐ Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
- (Attach duplicate copy of this page if paying by deposit account)

Mark J. Henry, Reg. No. 36,162
Name of Person Signing

/Mark J. Henry/
Signature

08/01/2012 TLEE11 00000013 13558539
01 FC:0021 July 27, 2012 10.00 OP
Date

Total number of pages including cover sheet: 2

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

FUJITSU LIMITED

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

FINGERPRINT AUTHENTICATION APPARATUS, METHOD, AND RECORDING
MEDIUM

relating to International Patent Application PCT/JP_____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on _____

Serial No. ____/____;

Assignee's attorney is hereby authorized to
insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same; such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1)	<u>Satoshi Semba</u> (Signature)	<u>Satoshi SEMBA</u> (Type Name)	<u>July 19, 2012</u> (Date)
2)	_____ (Signature)	_____ (Type Name)	_____ (Date)
3)	_____ (Signature)	_____ (Type Name)	_____ (Date)
4)	_____ (Signature)	_____ (Type Name)	_____ (Date)