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U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trademark Office, Patent and Trademark Administration, or the new address(es) below.

1. Name of conveying party(ies):

Masahiko Hamanaka

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

2. Name and address of receiving party(ies)

Name: NEC Corporation

Internal Address:

Street Address:

7-1, Shiba 5-chome
Minato-ku

City: Tokyo 108-8001

State:

Country: JAPAN

Zip:

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

Execution Date(s): February 20, 2006

☒ 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):

A. Patent Application No.(s)

This application

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael J. Scheer
DICKSTEIN SHAPIRO MORIN & OSHINSKY
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

a. Credit Card Last 4 Numbers 1001
Expiration Date 01/07

b. Deposit Account Number

Authorized User Name

9. Signature:

Michael J. Scheer
Signature

February 28, 2006

Date

Michael J. Scheer - 34,425

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

WHEREAS, I (We), Masahiko HAMANAKA of Tokyo, Japan

_____ as assignor(s), have invented certain improvements in
OBJECT POSE ESTIMATING AND MATCHING SYSTEM USING WEIGHTING INFORMATION

_____ for which an application for United States Letters Patent has been
executed by me (us) of even date herewith; and

WHEREAS, NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo
108-8001 Japan

_____ as assignee, is desirous of acquiring all right, title and interest in and to said invention and
any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and
valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s),
hereby sell, assign and set over to said assignee the entire right, title and interest for the
United States and all other countries in and to said invention and the aforesaid application
for Patent, all original, divisional, continuation, substitute or reissue applications and
patents applied for or granted therefor in the United States and all other countries,
including all rights of priority from the filing of said application, and all rights for past
infringement, and the Commissioner of Patents and Trademarks is hereby authorized and
requested to issue all patents on said inventions or resulting therefrom to said assignee
herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves)
and my (our) legal representatives, heirs and assigns do hereby agree and covenant without
further remuneration, to execute and deliver all divisional, continuation, reissue and other
applications for Patent on said inventions and all assignments thereof to said assignee or its
assigns, to communicate to said assignee or its representatives all facts known to the
undersigned respecting said inventions, whenever requested, to testify in any interferences
or other legal proceedings in which any of said applications or patents may become
involved, to sign all lawful papers, make all rightful oaths, and to do generally everything
necessary to assist assignee, its successors, assigns and nominees to obtain patent protection
for said invention in the United States and all other countries, the expenses incident to said
applications to be borne and paid by said assignee.

Date: February 20, 2006

Masahiko Hamanaka



Masahiko HAMANAKA

Date: _____

Date: _____

Date: _____

LEGALIZATION RECOMMENDED

Witness: Masato Kimura

Masato Kimura