

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
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Atty. Docket No.: H-1100

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1. Name of conveying party:

- 1) Koji Wakayama
- 2) Norihiko Moriwaki

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

2. Name and address of receiving party:

Name: HITACHI, LTD.

Internal Address: _____

3. Nature of conveyance/Execution Dates:

Execution Date(s) 1) 4/18/03; 2) 4/29/03

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 0424, Confirmatory License
- Other _____

Street Address: 6, Kanda Surugadai 4-chome

City: Chiyoda-ku

State: Tokyo

Country: Japan Zip: _____

Additional Name(s) & Addresses attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/617,834

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Daniel J. Stanger

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State: Virginia Zip: 22314

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6. Total number of applications and patents involved: one

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)

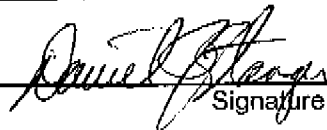
8. Payment Information

a. Credit Card Last 4 Numbers 1006
Expiration Date 8/2009

b. Deposit Account Number 50-1417

Authorized User Name Daniel J. Stanger

9. Signature:



Signature

March 2, 2007

Date

Daniel J. Stanger, Reg. No. 32,846

Name of Person Signing

Total number of pages including cover

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OP \$40.00 10617834

PATENT

ASSIGNMENT (譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) Koji Wakayama

4/18/2003

2) Narihiko Marimaki

4/29/2003

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

PATENT