

06-11-2003

6-4-03



102470115

Tab settings

To the Honorable Commissioner of Patents and

original documents or copy thereof.

1. Name of conveying party(ies):
Tatsuo NISHINO **Jyunji ISHIKAWA**
Toru ICHIEN
Gou TESHIMA
Hiromichi ISHIKURA

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

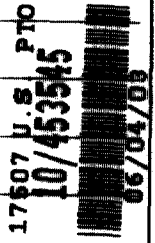
Name: **Hitachi, Ltd.**

Address: **6, Kanda Surugadai 4-chome**

City: **Chiyoda-ku** State/Prov.: **Tokyo**

Country: **Japan** ZIP: _____

Additional name(s) & address(es) Yes No



3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: **April 24, 25, 28, 25, and 28, 2003**

4. Application number(s) or patent numbers(s): **10, 453545**

If this document is being filed together with a new application, the execution date of the application is: **April 24, 25, 28, 25, and 28, 2003**

Patent Application No.	Filing date	B. Patent No.(s)
06/05/2003 WABRHAM1 00000004 10453545		
03 FC:8021	40.00 JP	

Additional numbers Yes No

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

Name: **Mitchell W. Shapiro**

Registration No. **31,568**

Address: **Miles & Stockbridge P.C.**
1751 Pinnacle Drive
Suite 500

City: **McLean** State/Prov.: **Virginia**

Country: **U.S.** ZIP: **22102**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number: **50-1165**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mitchell W. Shapiro *Mitchell W. Shapiro* **June 4, 2003**

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and **4**

RECORDATION FORM COVER SHEET
PATENTS ONLY

17507 U.S. PTO
10/153545
06/04/03

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>
Name (line 2)	<input type="text"/>		
Second Party Name (line 1)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>
Name (line 2)	<input type="text"/>		

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Renesas Northern Japan Semiconductor, Inc.

Name (line 2)

Address (line 1) 1007-39, Izumisawa

Address (line 2) Chitose-shi

Address (line 3) Hokkaido Japan

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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7507 U.S. P.T.O.
10/453545
06/64/03

ASSIGNMENT
(譲渡証)

As a below named inventor, I hereby declare tha

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valua
consideration paid to me citizen of Japan by Hitachi, Ltd.,
Renesas Northern Japan Semiconductor, Inc.,
and Hitachi ~~Engineering Co., Ltd.~~ Engineering Co., Ltd.
corporations organized under the laws of Japan,
located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan,
1007-39, Izumisawa, Chitose-shi, Hokkaido, Japan,
and 2-1,Saiwaicyo 3-chome, Hitachi-shi, Ibaraki, 317-0073, Japan
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,
Renesas Northern Japan Semiconductor, Inc.,
and Hitachi ~~Engineering Co., Ltd.~~ Engineering Co., Ltd.
their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

DATA PROCESSOR

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the applicati
for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which m
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.,
Renesas Northern Japan Semiconductor, Inc.,
and Hitachi ~~Engineering Co., Ltd.~~ Engineering Co., Ltd.
their 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 ha
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., Renesas Northern Japan Semiconductor, Inc.,
and Hitachi ~~Engineering Co., Ltd.~~ Engineering Co., 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) Tatsuo Nishino Tatsuo NISHINO

24 / April / 2003

2) Toru ICHIEN Toru ICHIEN

25 / April / 2003

3) Gou Teshima Gou TESHIMA

28 / April / 2003

4) Hiromichi Ishikura Hiromichi ISHIKURA

25 / April / 2003

5) Jyunji Ishikawa Jyunji ISHIKAWA

28 / April / 2003

6) _____

7) _____

8) _____

9) _____

10) _____
