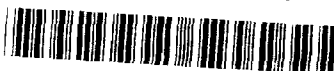


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e record the attached

1. Name of conveying party(ies):

- (1) Hiroshi KANAZAWA
- (2) Kenji MIYATA
- (3) Kaoru KAWABATA
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- (5) Kazuo TAHARA
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08/30/01

2. Name and address of receiving party(ies)

Name: Hitachi, Ltd.

Street Address: 6, Kanda Surugadai 4-chome  
Chiyoda-ku, Tokyo 101-8010,  
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Additional name(s) & address(es) attached?

\_\_\_ yes X no

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Additional name(s) of conveying  
party(ies) attached?

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3. Nature of Conveyance:

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Execution Date: (1) 8/1/01; (2) 7/26/01;  
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4. Application number(s) or patent number(s):

09/941655

If this document is being filed together with a new application, the execution date of  
the application is: (1) 8/1/01; (2) 7/26/01; (3) 8/1/01; (4) 7/26/01; (5) 7/26/01; (6)  
8/3/01 and (7) 7/26/01

A. Patent Application No.(s)

B. Patent No(s).

PENDING

Additional numbers attached? \_\_\_ Yes X No

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

Gary R. Edwards  
Evenson, McKeown, Edwards  
& Lenahan, P.L.L.C.  
1200 G Street, N.W., Suite 700  
Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00  
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Name: Gary R. Edwards

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August 30, 2001  
Date

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# 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 signatures:

INVENTOR(S)

(発明者フルネームサイン)

Date Signed

(署名日)

1) Hiroshi Kanazawa  
Hiroshi KANAZAWA

8/1/2001

2) Kenji Miyata  
Kenji MIYATA

7/26/2001

3) Kaoru Kawabata  
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4) Kohji Maki  
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7/26/2001

6) Susumu Sasaki  
Susumu SASAKI

8/3/2001

7) Ryoichi Takahata  
Ryoichi TAKAHATA

7/26/2001

8) \_\_\_\_\_

9) \_\_\_\_\_

10) \_\_\_\_\_

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