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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Chie SHISHIDO, Yuji TAKAGI, Shuji MAEDA,
Takanori NINOMIYA, Takashi HIROI, Hideaki DOI

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

2. Name and address of receiving party(ies)

Name: Hitachi LTD

Internal Address:

Street Address: 6, Kanda Surugadai 4-Chome

Chiyoda-Ku, Tokyo Japan

City: State: ZIP:

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

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3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: December 21, 1998, December 22, 1998

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 21, 1998
December 22, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

Street Address: 1300 NORTH SEVENTEENTH STREET
SUITE 1800

City: ARLINGTON State: VA ZIP: 22209

6. Total number of applications and patents involved: 1

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

- Enclosed
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01-2135

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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.

Melvin Kraus

Name of Person Signing 22,466

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Signature

January 6, 1999

Date

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ASSIGNMENT

(讓渡証)

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

PATTERN INSPECTING METHOD AND APPARATUS THEREOF, AND PATTERN INSPECTING METHOD ON BASIS OF ELECTRON BEAM IMAGES AND APPARATUS THEREOF

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)	Date Signed	Witnesses
(発明者フルネームサイン)	(署名日)	(立会人サイン)
1) <u>Chie Shishido</u> Chie SHISHIDO	December 21, 1998	<u>Yasuji Moriyama</u>
2) <u>Yuji Takagi</u> Yuji TAKAGI	December 21, 1998	<u>Yasuji Moriyama</u>
3) <u>Shuji Maeda</u> Shuji MAEDA	December 21, 1998	<u>Yasuji Moriyama</u>
4) <u>Takanori Ninomiya</u> Takanori NINOMIYA	December 22, 1998	<u>Yasuji Moriyama</u>
5) <u>Takashi Hiroi</u> Takashi HIROI	December 22, 1998	<u>Yasuji Moriyama</u>
6) <u>Masahiro Watanabe</u> Masahiro WATANABE	December 22, 1998	<u>Yasuji Moriyama</u>
7) <u>Hideaki Doi</u> Hideaki DOI	December 22, 1998	<u>Yasuji Moriyama</u>
8) _____	_____	_____
9) _____	_____	_____
10) _____	_____	_____