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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101642629

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

1. Name of conveying party(ies):

Itaru NONOMURA
Yasuhiro FURUKAWA
Kazushige HIROI
Akio HAYASHI

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

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

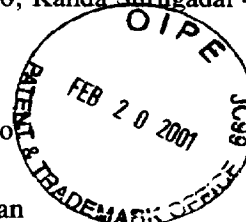
Name: Hitachi, Ltd.

Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku

City: Tokyo

Country: Japan

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



3. Nature of conveyance:

2-20-01

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: October 1, 1997

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:

A. Patent Application No.(s)
08/919,329
August 28, 1997

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
- Any deficiencies may be charged to deposit account
- Authorized to be charged to deposit account

8. Deposit account number: 01-2135

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

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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.

Carl I. Brundidge
Name of Person Signing

Signature

February 20, 2001
Date

Attorney Registration No. 29,621

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

2. Con't

Name and address of receiving party(ies):

Name: Hitachi Video and Information System, Inc.
292, Yoshida-cho, Totsuka-ku, Yokohama-shi
Kanagawa-ken, Japan

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to

Itaru Nonomura, Yasuhiro Furukawa, Kazushige Hiroi and Akio Hayashi,
citizens of Japan by Hitachi, Ltd. and
Hitachi Video and Information System, Inc.

located at 6, Kandasurugadai 4-chome, Chiyoda-ku, Tokyo, Japan and
292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa-ken, Japan

receipt of which is hereby acknowledged, we, the said

Itaru Nonomura, Yasuhiro Furukawa, Kazushige Hiroi and Akio Hayashi

do hereby sell and assign to said Hitachi, ltd. and
Hitachi Video and Information System, Inc.

their successors and assigns, all our right, title and interest, in and for the United States of America,
its and to "VIDEO DATA PROCESSING DEVICE AND VIDEO DATA DISPLAY DEVICE"

invented by us 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 extentions thereof, the said interest being the entire ownership of the said Letters Patent
when granted, to be held and enjoyed by said

their Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent
its may be granted, as fully and entirely as the same would have been held and enjoyed by us if this
assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be
necessary, lawful, and proper in the prosecution of said 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, extention, or interference proceedings, or otherwise to secure the title
thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent
to said Hitachi, Ltd. and Hitachi Video and Information System, Inc.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Itaru Nonomura</u> (Itaru Nonomura)	October 1, 1997	<u>Masayuki Sufais</u>
2) <u>Yasuhiro Furukawa</u> (Yasuhiro Furukawa)	October 1, 1997	<u>Masayuki Sufais</u>
3) <u>Kazushige Hiroi</u> (Kazushige Hiroi)	October 1, 1997	<u>Masayuki Sufais</u>
4) <u>Akio Hayashi</u> (Akio Hayashi)	October 1, 1997	<u>Masayuki Sufais</u>
5) _____ ()	_____	_____
6) _____ ()	_____	_____
7) _____ ()	_____	_____
8) _____ ()	_____	_____