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J.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Attorney Docket No. 500.36317X00

To the Honorable Commissioner of Patents

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All documents are attached original documents or copy thereof.

1. Name of conveying party(ies):

Masahiko OGINO, Shuji EGUCHI, Akira NAGAI, Takumi UENO,
Masanori SEGAWA, Hiroyoshi KOKAKU, Toshiaki ISHII, Ichiro
ANJOH, Asao NISHIMURA, Chuichi MIYAZAKI, Mamoru MITA,
Norio OKABEAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other .

Execution Date: **July 17, 1998.**

2. Name and address of receiving party(ies)

Name: 1) **HITACHI, LTD.**
2) **HITACHI CABLE, LTD.**

Street Address:

1) 6, Kanda Surugadai 4-chome, Chiyoda-ku
Tokyo, JAPAN2) 1-2, Marunouchi-2-chome, Chiyoda-ku
Tokyo, JAPANAdditional name(s) & address(es) attached? ☐ Yes ☒ No

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)

B. Patent Registration No.(s)

6,433,440Additional number(s) 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:

1300 NORTH 17TH STREET - SUITE 1800City: **ARLINGTON** State: **VA** Zip **22209**6. Total number of applications and patents involved **4**7. Total fee (37 CFR 3.41)..... **\$40.00**☒ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

01-2135

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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.

Larry N. Anagnos, Reg. No. 32,392

Name of Person Signing

Signature

11/05/2004

Date

Total number of pages including cover sheet, attachments, and document: 4

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PATENT
REEL: 015962 FRAME: 0022

U.S.A.
(JOINT INVENTORS)

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Masahiko OGINO, Shuji EGUCHI, Akira NAGAI, Takumi UENO, Masanori SEGAWA, Hiroyoshi KOKAKU, Toshiaki ISHII, Ichiro ANJOH, Asao NISHIMURA, Chuichi MIYAZAKI, Mamoru MITA, and Norio OKABE, citizens of Japan by HITACHI, LTD., and HITACHI CABLE, LTD., corporations organized under the laws of Japan,

located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 1-2, Marunouchi-2-chome, Chiyoda-ku, Tokyo, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Masahiko OGINO, Shuji EGUCHI, Akira NAGAI, Takumi UENO, Masanori SEGAWA, Hiroyoshi KOKAKU, Toshiaki ISHII, Ichiro ANJOH, Asao NISHIMURA, Chuichi MIYAZAKI, Mamoru MITA, and Norio OKABE,

do hereby sell and assign to said HITACHI, LTD., and HITACHI CABLE, LTD.,

their ~~its~~ successors and assigns, all our right, title and interest, in and for the United States of America, in and to "SEMICONDUCTOR DEVICE AND WIRING TAPE FOR SEMICONDUCTOR DEVICE"

invented by us and described in the application for United States Letters Patent therefor, ~~xxxxxxxxxx~~ U.S. Serial No. 09/092,138 filed on June 5, 1998

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., and HITACHI CABLE, LTD.,

their ~~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 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, extension, 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 CABLE, LTD.

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)
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12) <u>Norio Okabe</u> XXX (Norio OKABE)	July 17, 1998	<u>[Signature]</u>
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