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102793769

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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):

MUKAIDE, MASAACKI
GOTO, TOSHIHARU
YAMAZAKI, TAKANORI
IWAMOTO, YOSHIHIKO
KAKIZAKI, JUN

2. Name and address of receiving party(ies)

Name:

1) **HITACHI, LTD.**

6, Kanda Surugadai 4-chome,
Chiyoda-ku
Tokyo, JAPAN

2) **THE JAPAN STEEL WORKS, LTD.**

1-2, Yuraku-cho 1-chome
Chiyoda-ku
Tokyo, JAPAN

3) **HITACHI CABLE, LTD.**

6-1, Otemachi 1-chome,
Chiyoda-ku
Tokyo, JAPAN

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: June 3, June 8, June 15, June 22, 2004.Additional 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: June 3, June 8, June 15, June 22, 2004.

A. Patent Application No.(s)

10886634

B. Patent Registration No.(s)

Additional 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 Seventeenth Street
Suite 1800
Arlington, VA 22209
USA

City: _____ State: _____ Zip: _____

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.

Alan E. Schiavelli, Reg# 32,087

Name of Person Signing

Signature

07/09/2004

Date

Total number of pages including cover sheet, attachments, and document: 2

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07/13/2004

PATENT
REEL: 015560 FRAME: 0444

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 a citizen of Japan by HITACHI, LTD., THE JAPAN STEEL WORKS, LTD., and HITACHI CABLE, LTD., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, at 1-2, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo, Japan and at 6-1, Otemachi 1-chome, Chiyoda-ku, Tokyo, Japan respectively, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., THE JAPAN STEEL WORKS, LTD., and HITACHI CABLE, LTD., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

METHOD AND INSTRUMENT OF POLYMER PROCESSING TREATMENT

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., THE JAPAN STEEL WORKS, LTD., and HITACHI CABLE, 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 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., THE JAPAN STEEL WORKS, LTD., and HITACHI CABLE, 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)	<u>Masaaki Mukaide</u> Masaaki MUKAIDE	<u>6 / 3 / 2004</u>
2)	<u>Toshiharu Goto</u> Toshiharu GOTO	<u>6 / 8 / 2004</u>
3)	<u>Takanori Yamazaki</u> Takanori YAMAZAKI	<u>6 / 8 / 2004</u>
4)	<u>Yoshihiko Iwamoto</u> Yoshihiko IWAMOTO	<u>6 / 15 / 2004</u>
5)	<u>Jun Kariaki</u> Jun KAKIZAKI	<u>6 / 22 / 2004</u>
6)	_____	_____
7)	_____	_____

PATENT

RECORDED: 07/09/2004

REEL: 015560 FRAME: 0445