

MRD 4-17-98

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

05-05-1998



100704577

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 100501

To the Assistant Commissioner for Patents: Please record the attached original document or copy thereof.

1. A. Name of conveying party(ies):

Atsushi NAKAMURA
Jun SHIOYA
Atsuhiko FUJII
Nobuaki ISONO
Yasuhiro SHINTANI
Masahiro KAWAGUCHI

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

☐ Yes ☒ No

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

HARNESS SYSTEM TECHNOLOGIES RESEARCH, LTD.
7-10, KIKUZUMI 1-CHOME, MINAMI-KU, NAGOYA-SHI,
AICHI, JAPAN

SUMITOMO WIRING SYSTEMS, LTD.
1-14, NISHISUEHIRO-CHO, YOKKAICHI-SHI, MIE, JAPAN

SUMITOMO ELECTRIC INDUSTRIES, LTD.
5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI,
OSAKA, JAPAN

KABUSHIKI KAISHA KOBE SEIKO SHO ALSO KNOWN AS
KOBE STEEL, LTD.
3-18, WAKINOHAMA-CHO 1-CHOME, CHUO-KU, KOBE-
SHI, HYOGO 651-0072 JAPAN

3. A. Nature of conveyance:

X Assignment Merger
 Security Agreement Change of Name
 Other

B. Execution Date: April 13, 1998.

B. Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. A. If this document is being filed together with a new application, the execution date of the application is: April 13, 1998.

B. Patent Application No.(s)

C. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: James A. Oliff

Address: OLIFF & BERRIDGE, PLC
 P.O. Box 19928
 Alexandria, VA 22320

6. Total number of applications and patents involved: 1

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

B. Enclosed (Check No. 59177)

8. Credit any overpayment or charge any underpayment to
deposit account number 15-0461.

05/01/1998 JSB ABAZZ 00000149 09061179

01 FC:581

40.00.00

DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

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.

James A. Oliff
 Joel S. Armstrong

Registration No. 27,075
Registration No. 36,430

Date: April 17, 1998

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

09/061179



04/17/98

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)	(1) <u>Atsushi NAKAMURA</u>	(5) <u>Yasuhiro SHINTANI</u>
	(2) <u>Jun SHIOYA</u>	(6) <u>Masahiro KAWAGUCHI</u>
	(3) <u>Atsuhiko FUJII</u>	(7) _____ and
	(4) <u>Nobuaki ISONO</u>	(8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee	(9) <u>See attached sheet</u>
(10) Insert Address of Assignee	(10) <u>See attached sheet</u>

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all divisions, continuations, substitutes, and reissues, and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identifi- cation, such as Title, Case Number or Foreign Appli- cation Number	(11) <u>FITTING-TYPE CONNECTION TERMINAL</u>
	(Case No. <u>100501</u>)

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application	(12) on <u>April 13, 1998</u>
--	-------------------------------

(13) Alternative Identification for filed applications	(13) U.S. application Serial Number _____ filed <u>April 17, 1998</u>
---	--

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>April 13, 1998</u>	Name of Inventor <u>Atsushi Nakamura</u>	(SEAL)
Date <u>April 13, 1998</u>	Name of Inventor <u>Jun Shioya</u>	(SEAL)
Date <u>April 13, 1998</u>	Name of Inventor <u>Atsuhiko Fujii</u>	(SEAL)
Date <u>April 13, 1998</u>	Name of Inventor <u>Nobuaki Isono</u>	(SEAL)
Date <u>April 13, 1998</u>	Name of Inventor <u>Yasuhiro Shintani</u>	(SEAL)
Date <u>April 13, 1998</u>	Name of Inventor <u>Masahiro Kawaguchi</u>	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____	Witness _____
Date _____	Witness _____

Attachment

(9) Names of Assignee

- 1) HARNESS SYSTEM TECHNOLOGIES RESEARCH, LTD.
- 2) SUMITOMO WIRING SYSTEMS, LTD.
- 3) SUMITOMO ELECTRIC INDUSTRIES, LTD.
- 4) KABUSHIKI KAISHA KOBE SEIKO SHO also known as KOBE STEEL, LTD.

(10) Address of Assignee

- 1) 7-10, Kikuzumi 1-chome, Minami-ku, Nagoya-shi, Aichi, Japan
- 2) 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie, Japan
- 3) 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan
- 4) 3-18, Wakinozama-cho 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0072
Japan