10-30-1998

IVER SHEET

Docket No.: 48717

U.S. DEPARTMENT OF COMMERCE

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FORM PTO-1595 (Modified)

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

(Rev. 6-93)

INLY

Copyright 1996-97 LegalStar P08A/REV02 100864331 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Kazuhito Nagura Takatoshi Mizoguchi Name: Sharp Kabushiki Kaisha Hideki Miyuki Address: 22-22, Nagaike-cho, Abeno-ku, Takehisa Ishihara Osaka 545-8522 Japan ☐ Yes 🛛 No Additional names(s) of conveying party(ies) MRD 10.16.98 3. Nature of conveyance: ☐ Merger City: _____ State/Prov.: _____ ☐ Security Agreement ☐ Change of Name Country: _____ ZIP: ☐ Other _ Execution Date: September 29, 1998 Additional name(s) & address(es) ☐ Yes ⊠ No 4. Application number(s) or registration numbers(s): 09173 626 If this document is being filed together with a new application, the execution date of the application is: **September 29, 1998** Patent Application No. Filing date B. Patent No.(s) ☐ Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: David G. Conlin 7. Total fee (37 CFR 3.41):....\$ 40.00

27,026 Registration No.

Address: Dike, Bronstein, Roberts & Cushman, LLP

130 Water Street

/CA/1998 KHAKLING 00000020 0917**3626**

City: Boston 40..00 **S**tate/Prov.: MA

Country: U.S.A. ZIP: 02109

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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.

David G. Conlin

October 16, 1998

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

PATENT REEL: 9535 FRAME: 0777

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

- 1. Kazuhito NAGURA; 65-1-2-707, Eiwa-cho, Kashihara-shi, Nara-ken Japan
- 2. Takatoshi MIZOGUCHI; 4-25-6, Tazono, Gojo-shi, Nara-ken Japan
- 3. Hideki MIYUKI; 109-22, Wakatsuki-cho,
 Yamatokoriyama-shi, Nara-ken Japan
- 4. Takehisa ISHIHARA; 22-1-6-203, Nishinogaito-cho, Yamatokoriyama-shi, Nara-ken Japan

has invented and owns a certain invention entitled:

PLUG-JACK TYPE TRANSFER DEVICE AND PLUG-JACK TYPE OPTICAL/ELECTRICAL COMPATIBLE TRANSFER DEVICE

for which application for Letters Patent of the United States was executed on even date herewith, and

WHEREAS, the ASSIGNEE:

SHARP KABUSHIKI KAISHA 22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for

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PATENT REEL: 9535 FRAME: 0778 other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this ^{29th} day of September , 1998.

Page 2 of 3

1. Kazuhito nagura
(Kazuhito NAGURA)

2. Takatoshi Mizoguchi)

3. Mideki Miyuki (Hideki MIYUKI)

4. Jakehisa Ishihara
(Takehisa ISHIHARA)

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RECORDED: 10/16/1998

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