02-04-2002 FORM PTO-1595 RECOF U.S. DEPARTMENT OF COMMERCE (REV 6-93) Patent and Trademark Office OMB No. 0651-011 (exp.4/94) KOHNP0101US 101969389 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Tatsuya Inoue; Shinichi Takeda; Junya Masuda; Sharp Kabushiki Kaisha Name: Masao Matsui; Koji Wakamoto; Shinji Nakazawa Internal Address: Additional name(s) of conveying party(ies) attached? [] Yes [x] No Street Address: 22-22, Nagaikecho, Abeno-ku 3. Nature of conveyance: [x] Assignment Merger City: Osaka] Security Agreement [] Change of Name ___ ZIP: 545-8522] Other _ State/Country: Execution Date: January 15, 2002 Additional name(s) & address(es) attached? [] Yes [x] No Application number(s) or patent number(s): 10053799 If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 01/21/2002 SMINASSI 00000001 10053799 40.00 OP 02 F :581 Additional Numbers attached? [] Yes [] No 6. Total number of applications and patents involved: [| 1 |] 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41)\$____ Name: Neil A. DuChez Internal Address: Renner, Otto, Boisselle & Sklar [x] Enclosed [] Authorized to be charged to deposit account 1621 Euclid Avenue Street Address: 8. Deposit account number: 19th Floor City: Cleveland

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State:

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ASSIGNMENT

WHEREAS, the ASSIGNOR(S), being the following named inventors(s):

Tatsuya INOUE, Shinichi TAKEDA, Junya MASUDA, Masao MATSUI, Koji WAKAMOTO and Shinji NAKAZAWA

are inventor(s) of and owner(s) of rights to a certain invention entitled:

SHEET-LIKE OBJECT CONVEYING APPARATUS

for which application for Letters Patent of the United States was executed on the date indicated below, and

WHEREAS, the ASSIGNEE:

SHARP KABUSHIKI KAISHA 22-22, Nagaikecho, 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(S) of the sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) 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(S) 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(S) 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(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or his 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.

PATENT REEL: 012525 FRAME: 0156 Signed:

2002 1 15
T.1 Fatory Internal hous (Tatsuya INUE)

Shinichi Jakoda (Shinichi TAKETA)

January 15, 2002

Junya Insuda (Junya MASUA)

January 15, 2002

Masao MAISUI)

January 15, 2002

Kafi Wakamata (Koji Wakamoto)

January 15, 2002

RECORDED: 01/23/2002

PATENT REEL: 012525 FRAME: 0157