

08-02-2004



FORM PTO-1595
(Rev. 10/02)

102803769

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 65326-036

PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):
Hiroyuki SHIROTA, Akira KUWABARA
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: DAINIPPON SCREEN MFG. CO., LTD
Address: Tenjinkitamachi, Teranouchi-agaru 4-chome
Horikawa-dori, Kamikyo-ku,
Kyoto JAPAN

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: July 14, 2004, July 14, 2004

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is: July 14, 2004,
July 14, 2004

A. Patent Application No(s).

101898197

B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: MCDERMOTT WILL & EMERY LLP
Internal Address:
Street Address: 600 13th Street, N.W.
City: Washington State: D. C. Zip: 20005-3096

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
500417

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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.

Stephen A. Becker, 26,527

July 26, 2004

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 2

OMB No. 0651-0027 (exp. 6/30/2005)

17548 U.S. PTO
10/898197

7-26-04

07/30/2004 6TON11 00000131 500417 10898197

01 FC:8021 40.00 BA

PATENT
REEL: 015614 FRAME: 0545

ASSIGNMENT

...ises and other good and valuable consideration in hand paid, the receipt and acknowledged. the undersigned,

SHIROTA (4) _____
KUWABARA (5) _____
_____ (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

DAINIPPON SCREEN MFG. CO., LTD. of 1-1 Tenjinkitamachi,
Teranouchi-agaru 4-chome, Horikawa-dori, Kamikyo-ku, KYOTO, JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

Pattern Writing Apparatus and Pattern Writing Method

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Hiroyuki Shirota</u> Name: Hiroyuki SHIROTA	<u>Jul. 14, 2004</u>
2) <u>Akuwabara</u> Name: Akira KUWABARA	<u>Jul. 14, 2004</u>
3) _____ Name: _____	_____
4) _____ Name: _____	_____
5) _____ Name: _____	_____
6) _____ Name: _____	_____