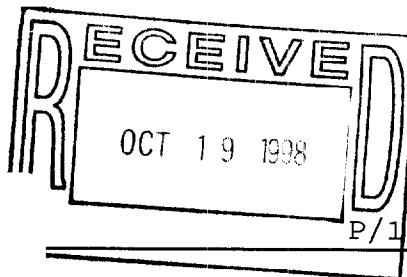


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OVER SHEET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Hiroyasu GOTO; Akihiro HISAI;
Minobu MATSUNAGA and Hiroshi
KOBAYASHI

Individuals

Additional names(s) of conveying party(ies) attached? No

2. Name and Address of receiving party(ies):

SMC Corporation
16-4 Shinbashi 1-chome,
Minato-ku, Tokyo, Japan

and

Dainippon Screen Mfg., Co.,
Ltd., 1-1 Tenjinkitamachi,
Teranouchi-agaru 4-chome,
Horikawa-dori, Kamikyo-ku,
Kyoto, JAPAN

Corporations of Japan

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

3. Nature of conveyance:

Assignment

Execution Date: April 21, 1998

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: April 21, 1998

A. Application No.(s)

09 085631

B. Patent No.(s)

Additional numbers attached? No

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

OSTROLENK, FABER, GERB & SOFFEN, LLP
1180 Avenue of the Americas
New York, New York 10036-8403

6. Total number of documents involved: 1

YDE

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

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8. 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.

Steven I. Weisburd
Name of Person Signing

Signature

October 16, 1998
Date

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

SOLE OR JOINT INVENTORS

EXECUTED OUTSIDE U.S.A.

WHEREAS, I (We), Hiroyasu GOTO, Akihiro HISAI, Minobu MATSUNAGA and Hiroshi KOBAYASHI

as assignor(s), have invented certain improvements in APPARATUS FOR AND METHOD OF THERMALLY PROCESSING SUBSTRATE

for which an application for United States Letters Patent has been executed by me (us) signed on April 21 and 22, 1998 ; and

Whereas, (1) SMC Corporation of 16-4 Shinbashi 1-chome, Minato-ku, TOKYO, JAPAN and (2) DAINIPPON SCREEN MFG. CO., LTD. of 1-1 Tenjinkitamachi, Teranouchi-agaru 4-chome, Horikawa-dori, Kamikyo-ku, KYOTO, JAPAN

as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks if hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 22. Apr 1998

Hiroyasu Goto

Hiroyasu GOTO

Date: 21 APR 1998

Akihiro Hisai

Akihiro HISAI

Date: 22 APR 1998

Minobu Matsunaga

Minobu MATSUNAGA

Date: 21 APR 1998

Hiroshi Kobayashi

Hiroshi KOBAYASHI

Date: _____

LEGALIZATION RECOMMENDED

AMDT 41795

RECORDED: 10/16/1998

PATENT
REEL: 9532 FRAME: 0863