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If this document is being filed together with a new applicatio	n, the execution date of the application is:
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U.S.S.N. 09/297,320	
Additional numbers attached? □ Yes XXNo	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: George A. Loud	7. Total fee (37 CFR 3.41)\$ 40.00
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1. Names and addresses of conveying parties:

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PATENT REEL: 010100 FRAME: 0589

Assignment

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

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- 3. Shinsuke MORIKAWA of c/o Asahi Glass Co., Ltd., Research Center, 1150, Hazawacho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan
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has invented and owns a certain invention entitled: DRY ETCHING GAS

for which application for Letters Patent of the United States Serial No. 09/297,320 was filed on April 29, 1999 and

WHEREAS, the ASSIGNEE

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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 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 or encumbrance has been or will be made or 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 undersigned inventors have hereunto set nd and seal this 17thday of June , 1999.

1. Akira Sekiya
2. Tetsuya Takagaki
3. Shimsuke Roakawa
4. Shumihi Yamashita
5. Tsuyoshi Takaishi
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