

05-17-1999

FORM PTO-1595
1-31-92

REC

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101038299

To the Honorable Commissioner of Patents and Trademarks Original documents or copy thereof.

1. Name and Address of Conveying Party(ies):

Edwin G. Haas
8 Pine Street
Sayville, Suffolk County, New York 11782

- ☐ Corporation/State: _____
- ☐ Partnership/State: _____
- ☐ Limited Partnership/State: _____
- ☒ Individual/Citizenship: United States of America

Additional name(s) of conveying party(ies) attached?

X Yes No

3. Nature of conveyance:

- | | | | |
|---------------------------------------|--------------------|--------------------------|----------------|
| <input checked="" type="checkbox"/> X | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other | | |

Execution Date: May 6, 1999.

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

Name: Advanced Energy Systems, Inc.

Internal Address:

Street Address: 29 Airpark Road

City: Princeton

State: New Jersey Zip: 08540

☒ Corporation/State New York☐ Partnership/State _____☐ Limited Partnership/State _____☐ Individual/Citizenship _____Additional name(s) & address(es) ☐ Yes ☒ X No
attached?

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: May 6, 1999.

A. Patent Application No.(s)

B. Patent No.(s)

Additional Numbers attached?

☐ Yes ☒ X No

5. Name and address of party to whom correspondence

concerning document should be mailed:

Name: Robert M. Chiaviello, Jr.

Internal Address: BAKER & BOTTS, L.L.P.

Street Address: 2001 Ross Avenue

City: Dallas

State: Texas Zip: 75201-2980

6. Total number of applications and patents involved: 1

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

☒ X Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

Deposit Account No.

(Attach Duplicate Copy of this page if paying by deposit account)

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.

Robert M. Chiaviello, Jr.

Name of Person Signing

Signature

May 6, 1999

Date

Total number of pages including cover sheet

6

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

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PATENT

REEL: 9944 FRAME: 0672

065881.0146

Section 1 - Name of conveying parties

Additional names (individual):

Robert M. Gutowski
73-15 255th Street
Glen Oaks, Queens County, New York 11004
United States of America

Vincent S. Calia
16 Kirkland Drive
Greenlawn, Suffolk County, New York 11740
United States of America

ASSIGNMENT

WHEREAS, I, one of the undersigned joint inventors, of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Advanced Energy Systems, Inc. (hereinafter referred to as "Assignee"), a New York corporation, with an address of 29 Airpark Road, Princeton, New Jersey 08540, desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: SYSTEM AND METHOD FOR PROVIDING A LITHOGRAPHIC
LIGHT SOURCE FOR A SEMICONDUCTOR MANUFACTURING
PROCESS

Signature of Inventor:

Inventor's Name:

Residence (City, County, State)

Edwin G. Haas
Edwin G. Haas
Sayville, Suffolk County, New York

Date:

May 06, 1999

Date Application Executed:

May 6, 1999

Signature of Inventor:

Inventor's Name.

Residence (City, County, State)

Robert M. Gutowski

Robert M. Gutowski

Glen Oaks, Queens County, New York

Date

5/6/99

Date Application Executed.

May 6, 1999

Signature of Inventor:

Inventor's Name

Residence (City, County, State)

Vincent S. Calia
Vincent S. Calia
Greenlawn, Suffolk County, New York

Date:

5/6/99

Date Application Executed:

May 6, 1999