

09-28-2004

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



102846035

To the Director of the U.S. Patent and Trademark Office

or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

David Alan Baldwin and Todd Lanier Hylton

Execution Date(s) August 18, 2004

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: 4Wave, Inc.

Internal Address: Suite 120

Street Address: 22977 Eaglewood Court

City: Sterling

State: Virginia

Country: USA Zip: 20166

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

10/812,409

Additional numbers attached? ☐ Yes ☒ No

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

Name: Daniel H. Golub

Internal Address: _____

Street Address: 1701 Market Street

City: Philadelphia

State: Pennsylvania Zip: 19103

Phone Number: 215-963-5055

Fax Number: 215-963-5001

Email Address: dgolub@morganlewis.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Signature

09/16/2004

Date

Daniel H. Golub

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Attorney Docket No. 53757-5013

ASSIGNMENT

WHEREAS, we, the undersigned inventors, whose post office addresses are set forth below, have invented and own a certain invention entitled:

System And Method For Performing Sputter Etching Using Independent Ion And Electron Sources And
A Substrate Biased With An A-Symmetric Bi-Polar DC Pulse Signal

for which an application for Letters Patent of the United States was filed on March 29, 2004 and has been accorded U.S. Serial No. 10/812,409; and

WHEREAS, 4Wave, Inc., a corporation organized and existing under the laws of the State of Delaware and having a place of business at 22977 Eaglewood Court, Suite 120, Sterling, Virginia 20166 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, we hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

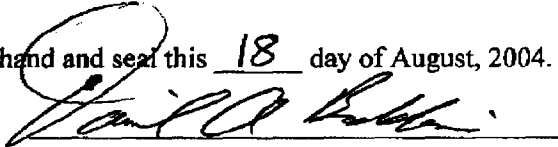
WE HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

WE FURTHER COVENANT 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 and legal equivalents in foreign countries as may be known and accessible to us and we 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, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Attorney Docket No. 53757-5013

IN WITNESS WHEREOF, we have hereunto set hand and seal this 18 day of August, 2004.

Signature:



Name Printed:

David Alan Baldwin

Post Office Address:

4803 Autumn Lake Way


Annandale, Virginia 22003

Citizenship:

USA

STATE OF Virginia)
) ss.
COUNTY OF FAIRFAX)

BE IT KNOWN, that on this 18th day of August, 2004, before me personally came David Alan Baldwin, to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.


Notary Public

State of Virginia, Cty. of Fairfax
Bonita Bonnes Notary Public
My Comm Exp May 31, 2005