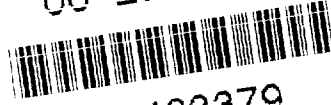


06-27-2003



(REV. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

Patent and Trademark Office

To the Honorable Commissioner of

102483379

Serials: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
James T. Veligdan

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

6-19-03

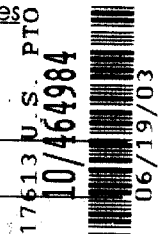
2. Name and address of receiving party(ies)  
Name: Brookhaven Science Associates

Internal Address: \_\_\_\_\_

Street Address: Building 475D, P.O. Box 5000

City: Upton State: New York ZIP: 11973-5000

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



3. Nature of conveyance:

Assignment  Merger  
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Execution Date: 06/17/03

4. Application number(s) or patent number(s): 10464984

If this document is being filed together with a new application, the execution date of the application is: 06/19/03

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached  Yes  No

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

Name: William J. McNichol, Jr.

Internal Address: Reed Smith LLP

2500 One Liberty Place

Street Address: 1650 Market Street

City: PHILADELPHIA State PA ZIP 19103

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:  
18-0586

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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.

Matthew J. Esserman  
Name of Person Signing

Signature

June 19, 2003  
Date

Total number of pages including cover sheet, attachments, and document: [ 3 ]

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 P.O. Box 1450, Alexandria, VA 22313-1450

## ASSIGNMENT

WHEREAS, I, the undersigned inventor, whose post office address is set forth below, have invented and own a certain invention entitled:

### SPLIT IMAGE OPTICAL DISPLAY

for which an application for Letters Patent of the United States has been executed on even date herewith; and

WHEREAS, Brookhaven Science Associates, having a place of business at Building 475D, P.O. Box 5000, Upton, NY 11973-5000 (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:

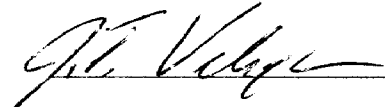
WHEREAS, ASSIGNEE has elected to take title to said invention pursuant to P.L. 98-620 and has informed the U.S. Department of Energy of that election and the U.S. Department of Energy has not exercised any exceptions thereto under either 401.3(a)(2) or (3) of P.L. 98-620, but retains the right to do so;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for one dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I 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.

I 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

I 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 me and I 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.

IN WITNESS WHEREOF, I have hereunto set hand and seal.

Signature:  Date: 6-17-03

Name Printed: James T. Veligdan

Post Office Address: 6 Stephanie Lane

Manorville, New York 11949