

Form PTO-1595
(Rev. 03/01)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

PATENTS ONLY

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings

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

1. Name of conveying party(ies):

RALPH B. JAMES - AUG. 21, 2004
MARK J. MESCHER - JUN. 21, 2004
HAIM HERMON - SEPT. 20, 2004

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: SEE DATES ABOVE

2. Name and address of receiving party(ies)

Name: SANDIA NATIONAL LABORATORIES

Internal Address: _____

Street Address: P. O. BOX 969

City: LIVERMORE State: CA Zip: 94551-0969

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

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

09/712, 082 (SD-8310) 11/13/2000

If this document is being filed together with a new application, the execution date of the application is: _____

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: KURT C. OLSEN, MS 9031

Internal Address: SANDIA NATIONAL LABS

Street Address: P. O. BOX 969

City: LIVERMORE State: CA Zip: 94551-0969

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:

50-0583

(Attach duplicate copy of this page if paying by deposit account)

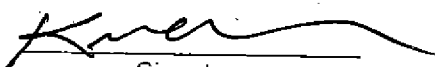
DO NOT USE THIS SPACE

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.

KURT C. OLSEN

Name of Person Signing



Signature

10/01/2004

PATENT Date

700119515

Total number of pages including cover sheet, attachments, and filer's mark: 1

REEL: 015208 FRAME: 0185

CH \$40.00 500583 09712082

DOE S-95,567

Attorney Docket: SD-8310

ASSIGNMENT OF APPLICATION**Assignee: Sandia Corporation**

1. I am an inventor of LITHOGRAPHY PROCESS FOR PATTERNING HGL₂, PHOTONIC DEVICES, which was filed in United States patent application number 09/712,082 on November 13, 2000.
2. The invention was made in the course of my employment by Sandia Corporation (SANDIA), a Delaware corporation. I agreed to assign the invention to SANDIA. The U. S. Department of Energy (DOE) has rights in the invention under contract number DE-AC04-94AL85000 with SANDIA. DOE waived some these rights in declarations captioned, without limitation: W(C)93-012; W(C)93-013; W(C)94-011; W(C)97-001.
3. I hereby sell, assign and transfer to SANDIA my entire right, title and interest throughout the world in the identified invention and all patents thereon.

Ralph B. James
Ralph B. James

Date: 8/21/2004

DOE S-95,567

Attorney Docket: SD-8310

ASSIGNMENT OF APPLICATION**Assignee: Sandia Corporation**

1. I am an inventor of LITHOGRAPHY PROCESS FOR PATTERNING HGL₂, PHOTONIC DEVICES, which was filed in United States patent application number 09/712,082 on November 13, 2000.
2. The invention was made in the course of my employment by Sandia Corporation (SANDIA), a Delaware corporation. I agreed to assign the invention to SANDIA. The U. S. Department of Energy (DOE) has rights in the invention under contract number DE-AC04-94AL85000 with SANDIA. DOE waived some these rights in declarations captioned, without limitation: W(C)93-012; W(C)93-013; W(C)94-011; W(C)97-001.
3. I hereby sell, assign and transfer to SANDIA my entire right, title and interest throughout the world in the identified invention and all patents thereon.

Mark J. Mescher

Mark J. Mescher

Date: *June 21, 2004*

DOE S-95,567

Attorney Docket: SD-8310

ASSIGNMENT OF APPLICATION**Assignee: Sandia Corporation**

1. I am an inventor of LITHOGRAPHY PROCESS FOR PATTERNING HGL₂, PHOTONIC DEVICES, which was filed in United States patent application number 09/712,082 on November 13, 2000.
2. The invention was made in the course of my employment by Sandia Corporation (SANDIA), a Delaware corporation. I agreed to assign the invention to SANDIA. The U. S. Department of Energy (DOE) has rights in the invention under contract number DE-AC04-94AL85000 with SANDIA. DOE waived some these rights in declarations captioned, without limitation: W(C)93-012; W(C)93-013; W(C)94-011; W(C)97-001.
3. I hereby sell, assign and transfer to SANDIA my entire right, title and interest throughout the world in the identified invention and all patents thereon.

Haim HermonDate: September 20th 2004

Haim Hermon