

21616

02-16-2006

RECORD



Trademark Office

112960 U.S. PTO

11348029



103180174

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

Name of conveying party(ies):

Mau-Song Chou
Jonathan W. Arenberg
Mark A. Menard
Thomas T. Chung

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

Name: Northrop Grumman Corporation
Address: 1840 Century Park East
Los Angeles, CA 90067-2199

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

3. Nature of Conveyance:

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

Execution Date(s) 01/17/06, 01/20/06, 01/24/06, 02/01/06

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

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

If this document is being filed together with a new application, the execution date(s) of the application is (are): 01/17/06, 01/20/06, 01/24/06, 02/01/06

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:

Carmen B. Patti
Patti & Brill, LLC
Customer Number 32205

Docket No. NCC-308/001051-804

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.4): \$ 40.00

- Enclosed
- Authorized to be charged to business credit card

8. Deposit account number:

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.

Carmen B. Patti

Name of Person Signing

Reg. No. 26,784

Signature

February 6, 2006

Date

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner for Patents
Mail Stop Assignments
P. O. Box 1450
Alexandria, VA 22313-1450

02/08/2006 FFANREIA 00000012 11348029

06 FC:0021

(40.00 DP)

PATENT
REEL: 017559 FRAME: 0698

Docket No. 001051-804

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Mau-Song Chou, Jonathan W. Arenberg, Mark A. Menard and Thomas T. Chung, respectively of Rancho Palos Verdes, California, Santa Monica, California, Chino Hills, California, and Redondo Beach, California, do hereby sell and assign to Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, California 90067-2199, a Delaware corporation, its successors and assigns, the entire right, title and interest in and to the improvements in **METHOD AND APPARATUS FOR INSPECTION OF SEMICONDUCTOR DEVICES** which has been invented by us, as described in the application for United States Patent which we executed respectively, on 1/17/2006, 1/20/2006, 1/24/06, and 2/1/2006, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations, and extensions thereof, and the right to claim the priority date of the first filed application in the United States, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Northrop Grumman Corporation, or its successors or assigns, and agree that on request and without further consideration, but at the expense of Northrop Grumman Corporation, we will communicate to Northrop Grumman Corporation or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally do everything possible to aid Northrop Grumman Corporation, its successors, assigns and nominees to obtain and

Docket No. 001051-804

enforce proper patent protection for said invention in all countries.

1/17/2006

(Date)

Inventor: Maun-Song Chou
MAU-SONG CHOU

1/20/2006

(Date)

Inventor: Jonathan W. Arenberg
JONATHAN W. ARENBERG

1/24/2006

(Date)

Inventor: Mark A. Menard
MARK A. MENARD

2/1/2006

(Date)

Inventor: Thomas T. Chung
THOMAS T. CHUNG