

03-21-2005

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Chun-Ching Shih

Execution Date(s) February 24, 2005

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: NORTHROP GRUMMAN CORPORATION

Internal Address: _____

Street Address: 1840 Century Park East

City: Los Angeles

State: CA

Country: _____ Zip: 90067-2199

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)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Northrop Grumman Corporation

Internal Address: Space Technology

Law Department

Street Address: One Space Park, Bldg. E1/2041

City: Redondo Beach

State: CA Zip: 90278

Phone Number: 310 813-1550

Fax Number: 310 812-2687

Email Address: _____

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
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9. Signature:

Scot R. Hewitt, Reg. No. 35,191

Name of Person Signing

Signature

3/7/05
Date

Total number of pages including cover sheet, attachments, and documents 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

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PATENT
REEL: 016368 FRAME: 0989

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, I Chun-Ching Shih of Palos Verdes Estates, 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 MEANS FOR GENERATING HIGH-ORDER HERMITE FUNCTIONS FOR SIMULATION OF ELECTROMAGNETIC WAVE DEVICES** which has been invented by me, as described in the application for United States Patent which I executed respectively, on 2/24/2005, 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, I 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 enforce proper patent protection for said invention in all countries.

Date: 2/24/2005

Inventor: 
CHUN-CHING SHIH