

08-28-2002

FORM PTO 1595
1-31-92

RECORD

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1. Name and Address of Conveying Party(ies):

Antonio V. Bacarella
15712 Havenrock Circle
Dallas, Dallas County, Texas 75248
Individual Citizenship: United States of America

08/28/20

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

2. Name and Address of receiving Party(ies):

Name: Northrop Grumman Corporation
Internal Address:
Street Address: 1840 Century Park East
City: Los Angeles
State: California Zip: 90067

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 15 August 2002; 15 August, 2002

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

If this document is being filed together with a new application, the execution date of the application is: 15 August 2002; 15 August, 2002

A. Patent Application No.(s):

10/224924

B. Patent No.(s):

Additional Numbers Yes No

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

Name: Terry J. Stalford
Internal Address: BAKER BOTTS L.L.P.
Street Address: 2001 Ross Avenue, Suite 600
City: Dallas
State: Texas Zip 75201-2980

6. Total number of application and patents involved: One

7. Total Fee (37C.F.R. 3.41): \$40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number:
No. 02-0384 of Baker Botts L.L.P.
(Attach Duplicate Copy of this page if paying by deposit account)

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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.

Keiko Ichiye
Reg. No. 45,460

Keiko Ichiye
Signature

Aug 20, 2002
Date

Total number of pages including cover sheet

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

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PATENT
REEL: 013220 FRAME: 0155

J1036 U.S. PTO
10/224924
08/20/02

FORM PTO-1595
ATTACHMENT

1. **Name of Conveying Parties – Continued – ALL INDIVIDUALS**

Timothy E. Ostromek
2408 Blue Cypress Drive
Richardson, Collin County, Texas 75082
Citizenship: United States of America

ASSIGNMENT

WHEREAS, I, the undersigned joint inventor, hereinafter referred to as Assignor, have invented certain new and useful improvements in ***METHOD AND SYSTEM FOR GENERATING AN IMAGE HAVING MULTIPLE HUES***, described in an application for United States Letters Patent, executed by me on the date as stated below;

WHEREAS, Northrop Grumman Corporation, a Delaware corporation, having its principal place of business at 1840 Century Park East, Los Angeles, California 90067, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in, to and under said improvements and said application:

NOW, THEREFORE, in consideration of Assignor's obligations to Assignee, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

Assignor hereby acknowledges that at the time of making the improvements herein identified, Assignor was under an obligation to assign to Assignee, Assignor's entire right, title and interest in, to and under said improvements;

Assignor hereby covenants that Assignor has full right to convey the interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith and that Assignee, its successors, assigns and other legal representatives shall have the right to hold and enjoy for its and their own use and benefit, to the end of the term or terms for which such Letters Patent shall or may be granted, reissued or extended as fully and completely as the same might or could have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any and all facts known to Assignor respecting