

02-03-1999

FORM PTO-1585
(Rev. 6-83)

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0851-0011 (exp. 4/94)

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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):

Maurice Leroy Strong III
James Robert Guzak
Michael A. MastAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

2. Name and address of receiving party(ies)

Name: Northrop Grumman Corp

Internal Address: Intellectual Property

Dept. M/S 60/110/N1-3

1840 Century Park East

Street Address: 1840 Century Park East

City: Los Angeles State: CA ZIP: 90067

-2199

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: _____

Execution Date: _____

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

09/ 234 966

If this document is being filed together with a new application, the execution date of the application is: 12-17-1998

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: Terry J. Anderson

Internal Address: Northrop Grumman Corp

Intellectual Property Dept.

M/S 60/110/N1-3

Street Address: 1840 Century Park East

City: Los Angeles State: CA ZIP: 90067 -2199

6. Total number of applications and patents involved: ☐

7. Total fee (37 CFR 3.41).....\$ 40

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

14-1325

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

02/01/1999 JSHABZZ 00000044 141325 09234966

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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.

Harold H. Flanders

Name of Person Signing

Signature

1-21-99
DateTotal number of pages including cover sheet, attachments, and document: ☐ 3Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 9727 FRAME: 0676

ASSIGNMENT

WHEREAS, Maurice LeRoy Strong III, together with James Robert Guzak and Michael A. Mast, hereinafter referred to as Assignor(s), have jointly invented certain new and useful improvements in Sequential, Clamped Single Ended Ignition of Series Operated ARC Lamps described in an application for United States Letters Patent, executed 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

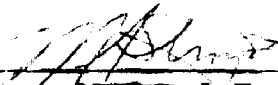
NOW, THEREFORE, in consideration of Assignor's obligations to Northrop Grumman, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and 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;

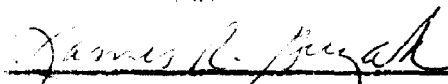
Assignor hereby covenants that Assignor has full right to convey the interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith and that Assignee, Northrop Corporation, its successors, assigns and other legal representatives shall have the right 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 said improvements; to promptly provide Assignor with all documents relating to said improvements, said invention, and said Letters Patent as may be known or accessible to Assignor; to testify as to the same in any interference or litigation or other legal proceedings related thereto; to sign all lawful papers, execute all extensions, continuations, continuations-in-part, divisional and reissue applications and to make all rightful oaths or declarations and generally do everything possible to aid Assignee, its successors, legal representatives and assigns in obtaining and enforcing all the rights herein conveyed for said improvements in all countries without further compensation, but at the expense of Assignee, its successors, legal representatives and assigns


IN WITNESS WHEREOF, the undersigned, has executed and delivered this instrument this 17
day of December, 1998, and has executed the referenced patent application on the
day of December, 1998.



Signature of ~~LeRoy Strong III~~ **LeRoy Strong III**
Notary



Signature of James Robert Guzak



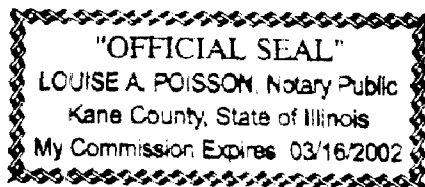
Signature of Michael A. Mast

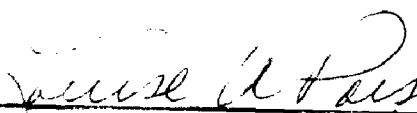
NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

State of Illinois
County of Kane

On this 17 day of December, 1998, before me,
LOUISE A. POISSON, Notary Public, personally
appeared Maurice Strong, James Guzak, and Michael Mast, personally known to me or proved to me on the
basis of satisfactory evidence to be the person(s) whose name is/are subscribed to this instrument and
acknowledge to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.





Notary Public or Consular Officer of the
United States of America

(Assignment of Invention—page 2 of 2)