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RECORDATION FORM COVER SHEET FORM PTO-1596 U.S. DEPARTMENT OF COMMERCE DOCKET NO.: 000032-210 (3395-106) **PATENTS ONLY** To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): 7-15-02 1) Gary N. BYRD NORTHROP GRUMMAN CORPORATION 2) Timothy C. PHILLIS Street Address: 1840 Century Park East Additional name(s) of conveying party(ies) attached? City: Los Angeles 3. Nature of conveyance: State or Area: California X Assignment Merger Zip/Postal Code: 90067-2199 Change of Name Security Agreement Other Country: USA Execution Date: June 28, 2002 Additional name(s) & address(es) attached? 4. Application number(s) or patent number(s): If the 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). 10/138,525 filed May 6, 2002 Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: one concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$40.00 LOWE HAUPTMAN GILMAN & BERNER (22429) IX Credit Card payment form enclosed ☐ Authorized to be charged to deposit account Internal Address: Street Address: 1700 Diagonal Road, Suite 310 8. Deposit account number: 07-1337 City: Alexandria State: VA ZIP: 22314 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and c rrect and any attached copy is a true copy of the original document.

Signature

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

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Benjamin J. Hauptman Reg. No. 29,310

Name and Registration No. of Person Signing

PATENT REEL: 013085 FRAME: 0670

July 15, 2002

Date

Total number of pages comprising cover sheet: 1

Docket No.: 000032-210 (3395-106)

ASSIGNMENT

WHEREAS WE, Gary N. Byrd and Timothy C. Phillis of Donahue, Iowa and Rock Island, Illinois, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled, PRESSURE SWING ADSORPTION DRIER FOR PNEUMATICALLY DRIVEN PRESSURE INTENSIFIERS, Serial No. 10/138,525, filed May 6, 2002, and executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Litton Systems, Inc., a corporation of the State of Delaware and having an address of 1840 Century Park East, Los Angeles, California 90067-2199, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Litton Systems, Inc. its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Litton Systems, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

6/28/2002 (6/28/2007

Gary

Date

Gary N. Byrd

Timothy C. Phillis

Timothy C. Phillis

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STATE OF <u>Herris</u>) SS: COUNTY OF <u>Rock Island</u>)
On this 28 day of 32, before me personally appeared Gary N. Byrd, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.
SEAL Notary Public, State of Illinois My Commission Exp. 11/13/2002 My commission expires 11-13-2002 My commission expires 11-13-2002
STATE OF <u>Illinia</u>) SS: COUNTY OF <u>Rock Island</u>
On this 2 lday of

RECORDED: 07/15/2002

PATENTREEL: 013085 FRAME; 0672