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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

Name of conveying party(ies):  
Robert Spencer SYMONSAdditional name(s) of conveying party(ies) attached? ☐ yes ☒ no

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

(2a.)

Name: Litton Systems, Inc.Address: 21240 Burbank Boulevard, Woodland Hills,  
California 91367-6675

3. Name of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

(2b.)

Name  
Address: \_\_\_\_\_Additional name(s) & address(es) attached? ☐ yes ☒ no

Execution Date: October 15, 2001

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:

A. Patent Application No.(s) 09/921,529 (filed July 31, 2001)

B. Patent No.(s)

Additional numbers attached ☐ yes ☒ no5. Name and address of party to whom correspondence concerning  
document should be mailed:Name: Brian M. BerlinerInternal Address: O'MELVENY & MYERS LLPStreet Address: 400 South Hope StreetCity: Los Angeles State: CA ZIP: 90071-28996. Total number of applications and patents involved: one7. Total fee (37 CFR 3.41):.....\$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0639

## 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.

BRIAN M. BERLINER  
Name of Person Signing  
SignatureOctober 17, 2001  
DateTotal number of pages comprising cover sheet, attachments and document: 3

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

Commissioner of Patents and Trademarks  
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## ASSIGNMENT

WHEREAS, **ROBERT SPENCER SYMONS**, residing at 290 Surrey Place, Los Altos, CA 94022, has made certain new and useful inventions in **MULTI-STAGE CAVITY CYCLOTRON RESONANCE ACCELERATOR**, and has disclosed the same in an application for Letters Patent of the United States therefor, said application was filed with the U.S. Patent and Trademark Office on July 31, 2001, bearing Serial No. 09/921,529; and

WHEREAS, **LITTON SYSTEMS, INC.**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 21240 Burbank Boulevard, Woodland Hills, California 91367-6675 (hereafter called the "Assignee"), is desirous of acquiring the entire interest in all inventions disclosed in said application;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable considerations to me paid by said Assignee, the receipt and sufficiency whereof is hereby acknowledged, I do hereby sell, assign, and transfer unto said Assignee, its successors and assigns, the entire right, title and interest throughout the world in and to all said inventions disclosed in said application; and in and to said application, including all priority rights for other countries arising from said application; and in and to all substitutions, divisions, and continuations thereof; and in and to all Letters Patent, United States and foreign, that may be granted for said inventions; and in and to all extensions, renewals, and reissues thereof.

And I do hereby authorize and request the Commissioner of Patents of the United States and the duly constituted authorities of foreign countries to issue any Letters Patent which may be granted on said inventions, on any applications related thereto, and on any substitute, continuing, divisional, or reissue applications, or any of them, to said Assignee, its successors and assigns, as assignee of the entire right, title and interest therein and thereto.

And for the consideration aforesaid, I do hereby, for me and for my legal representatives, further covenant and agree with said Assignee, its successors and assigns, that I have full and unencumbered title to the inventions and application above described and hereby assigned, which title I warrant unto said Assignee, its successors and assigns; that I have granted to others no license to make, use, or sell said inventions; and that I will not execute any instrument in conflict herewith.

And for the consideration aforesaid, I do hereby, for me and for my legal representatives, further covenant and agree with said Assignee, its successors and assigns, that upon request I will execute substitute, continuing, divisional, or reissue applications, amended specifications, or rightful oaths; communicate to said Assignee, its successors and assigns, any facts known to me relating to said inventions or the history thereof; execute preliminary statements; testify in any interference or other legal proceedings involving said inventions; execute and deliver any application papers,

assignments, or other instruments, and do all other acts which, in the opinion of counsel for said Assignee, may be necessary or convenient to secure the grant of Letters Patent to said Assignee, its successors and assigns, or its nominees, in the United States and in all other countries where said Assignee may desire to have the said inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for said Assignee, and to vest and confirm and complete legal and equitable title to all such inventions, applications, and Letters Patent, and to enable it to record said title, without further consideration than now paid but at the expense of said Assignee, its successors or assigns.

SIGNED this 15<sup>th</sup> day of October, 2001.

Robert Spencer Symons  
Robert Spencer Symons

UNITED STATES OF AMERICA

STATE OF California  
COUNTY OF Santa Clara ) ss:

On October 15<sup>th</sup>, 2001 before me, L. KADIEV Notary Public, personally appeared **ROBERT SPENCER SYMONS**, ~~personally known to me, or~~ proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature: [Signature]

[Seal]

