

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Joseph P. Estrera</td><td>08/19/1999</td></tr><tr><td>Adriana Giordana</td><td>08/23/1999</td></tr><tr><td>John W. Glesener</td><td>08/20/1999</td></tr></tbody></table>		Name	Execution Date	Joseph P. Estrera	08/19/1999	Adriana Giordana	08/23/1999	John W. Glesener	08/20/1999		
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Adriana Giordana	08/23/1999										
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Litton Systems, Inc.</td></tr><tr><td>Street Address:</td><td>5500 Canoga Avenue, M/S 30</td></tr><tr><td>City:</td><td>Woodland Hills</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>91367-6698</td></tr></table>		Name:	Litton Systems, Inc.	Street Address:	5500 Canoga Avenue, M/S 30	City:	Woodland Hills	State/Country:	CALIFORNIA	Postal Code:	91367-6698
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (214)855-8200 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 214-855-7415											
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ATTORNEY DOCKET NUMBER:	46030-P038D1-10407167										
NAME OF SUBMITTER:	Scott Matthews										
Total Attachments: 2 source=Assign P038D1#page1.tif source=Assign P038D1#page2.tif											

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PATENT

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REEL: 019923 FRAME: 0084

ASSIGNMENT

WHEREAS, I, one of the undersigned joint inventors, of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Litton Systems, Inc. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of 5500 Canoga Avenue, M/S 30, Woodland Hills, California 91367-6698, desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

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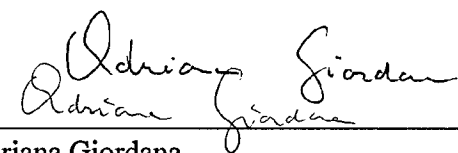
Title of Invention: METHOD AND SYSTEM FOR DETECTING RADIATION
INCORPORATING A HARDENED PHOTOCATHODE

Signature of Inventor: 
Inventor's Name: Joseph P. Estrera

Residence (City, County, State) Dallas, Dallas County, Texas

Date: 8/19/99

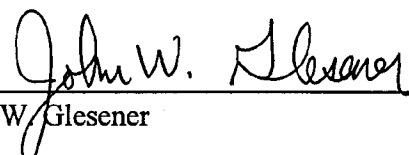
Date Application Executed: 8/19/99

Signature of Inventor: 
Inventor's Name: Adriana Giordana

Residence (City, County, State) Richardson, Collin County, Texas

Date: 8/23/99 8/23/99

Date Application Executed: 8/23/99 8/23/99

Signature of Inventor: 
Inventor's Name: John W. Glesener

Residence (City, County, State) Richardson, Collin County, Texas

Date: 8/20/99

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