

PATENT APPLICATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

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06-13-2000



101379772

To the Honorable Commissioner of Patents and Trademarks

documents or copy thereof.

1. Name of conveying party(ies): Peter M. Ri  
Edgar S. Thaxton and Gene Castles

of receiving party(ies)

Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ NoName: Electric Boat CorporationAddress: 75 Eastern Point Road

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of NameCity: Groton State: CT Zip: 06340-4989

Additional name(s) and address(es) attached?

☐ Yes ☐ No☐ Other \_\_\_\_\_Execution Date: December 23, 19994. Application number(s) or patent number(s) 09/473,492

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_

A. Patent Application No.(s)

1 09/473,492

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: BAKERBOTTTS, LLPBAKERBOTTTS, L.L.P.Address: 30 Rockefeller Plaza - 44 Fl.City: New York State: NY Zip: 10112

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

02-4377(Attach duplicate copy of this page if paying by deposit  
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9. Statement and signature

*To the best of my knowledge and belief, the foregoing instrumentation is true and correct and any attached copy is a true copy of the  
original document.*

Francis J. Hone, Reg. No. 18,662

Name of Person Signing

Signature

May 23, 2000

Date

Total number of pages including cover sheet, attachments and document:

6

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RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

File No. A31451

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

10. Name of conveying party(ies):

11. Application number(s) or registration number(s):

A. Patent Application No.(s)

B. Patent Registration No.(s)

Page 2 of 2

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

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

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A S S I G N M E N T

WHEREAS, WE, PETER M. RINALDI, EDGAR S. THAXTON and GENE CASTLES, citizens of the United States of America, residing in Mystic, County of New London, State of New London Connecticut; Bradford, County of South, State of Rhode Island; and Preston, County of New London, State of Connecticut, respectively, whose post office addresses are 27 Pequotsepus Road, Mystic, Connecticut 06355; 3 Wayland Street, Bradford, Rhode Island 02808; and 133 River Road, Preston, Connecticut 06365, respectively, have invented an improvement made an invention entitled "MODULAR TRANSFORMER ARRANGEMENT FOR USE WITH MULTI-LEVEL POWER CONVERTER" for which we are about to make application for Letters Patent of the United States; and

WHEREAS, ELECTRIC BOAT CORPORATION, a corporation organized and existing under the laws of the State of Delaware, and having an office for the transaction of business at 75 Eastern Point Road, Groton, Connecticut 06340-4989, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said PETER M. RINALDI, EDGAR S. THAXTON and GENE CASTLES, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said ELECTRIC BOAT CORPORATION, and other valuable considerations unto us moving from said ELECTRIC BOAT CORPORATION, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said ELECTRIC BOAT CORPORATION, its successors and assigns, the entire right, title and interest in and to the said invention for which we are about to make application for Letters Patent of the United States entitled "MODULAR TRANSFORMER ARRANGEMENT FOR USE WITH MULTI-LEVEL POWER CONVERTER", executed concurrently herewith, and any and all improvements thereon, and in and to said application and any division, continuation or continuation--in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said PETER M. RINALDI, EDGAR S. THAXTON and GENE CASTLES do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said ELECTRIC BOAT CORPORATION, as the assignee of the entire right, title and interest in and to the same,

for the sole use and benefit of said ELECTRIC BOAT CORPORATION, its successors and assigns;

AND WE, the said PETER M. RINALDI, EDGAR S. THAXTON and GENE CASTLES, for the considerations aforesaid, do hereby covenant and agree to and with said ELECTRIC BOAT CORPORATION, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said ELECTRIC BOAT CORPORATION, its successors and assigns, may be required or necessary more effectively to secure to and vest in said ELECTRIC BOAT CORPORATION, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, WE, the said PETER M. RINALDI, EDGAR S. THAXTON and GENE CASTLES, have hereunto set our hands and seals on the date below written.

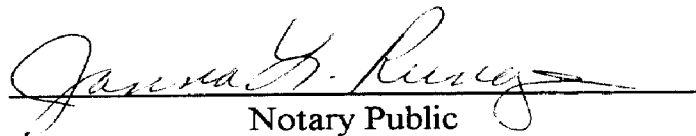
  
PETER M. RINALDI

STATE OF CONNECTICUT)

: ss.:

COUNTY OF NEW LONDON)

BE IT KNOWN, that on this 23<sup>rd</sup> day of December, 1999, before me personally came PETER M. RINALDI, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
Notary Public

JANINA C. RUNGE  
NOTARY PUBLIC NEW LONDON CO. CONNECTICUT  
MY COMMISSION EXPIRES 4/30/01

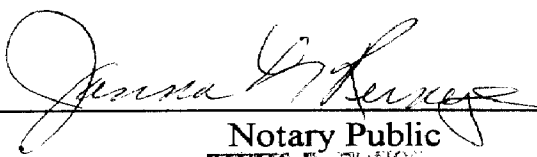
  
 \_\_\_\_\_  
 EDGAR S. THAXTON


STATE OF RHODE ISLAND)

: SS.:

COUNTY OF SOUTH)

BE IT KNOWN, that on this 23<sup>rd</sup> day of December, 1999, before me personally came EDGAR S. THAXTON, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
 \_\_\_\_\_  
 Notary Public  
 JENNA C. RUNGE  
 NOTARY PUBLIC NEW LONDON CT  
 MY COMMISSION EXPIRES 4/30/01

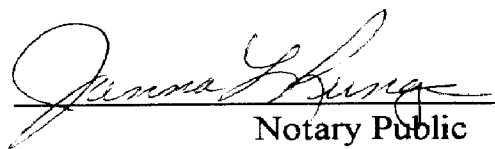
  
 \_\_\_\_\_  
 GENE CASTLES

STATE OF CONNECTICUT)

: SS.:

COUNTY OF NEW LONDON)

BE IT KNOWN, that on this 23<sup>rd</sup> day of December, 1999, before me personally came GENE CASTLES, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
 \_\_\_\_\_  
 Notary Public  
 JENNA C. RUNGE  
 NOTARY PUBLIC NEW LONDON CT  
 MY COMMISSION EXPIRES 4/30/01