

FORM PTO-1595

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MPO 12-22-98



U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents

Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):  
Robert Kollman  
1832 Hatherly  
Plano, Collin County, Texas 75023  
  
Citizenship: United States of America  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and Address of receiving Party(ies):  
  
Name: RAYTHEON COMPANY, a Delaware Corporation  
  
141 Spring Street  
Lexington, Massachusetts 02173  
  
Street Address:  
141 Spring Street  
  
City: Lexington State: MA Zip: 02173  
Additional name(s) & address(es) attached?  Yes  No

jc549 U.S. PTO  
09/219570  
12/22/98

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: December 17, 1998 & December 21, 1998

4. Application number(s) or patent number(s): 09/219570  
If this document is being filed together with a new application, the execution date of the application is: 12/17/98 & 12/21/98  
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: Jerry W. Mills, Esq.  
Internal Address:  
BAKER & BOTTS, L.L.P.  
Street Address:  
2001 Ross Avenue  
City Dallas  
State: Texas Zip: 75201

6. Total number of applications and patents involved: One  
7. Total Fee (37 CFR 3.41): \$ 40.00 **E**  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
(Attach Duplicate Copy of this page if paying by deposit account)

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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.*  
  
Bradley P. Williams  
Name of Person Signing Signature Date December 22, 1998

Total number of pages, including cover sheet 5

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

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Commissioner of Patent and Trademarks  
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RECORDATION FORM COVER SHEET

(004578.0725)

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Jeff Sorge  
2539 West 109 Avenue  
Westminster, Colorado 80234

Citizenship: United States of America

**ASSIGNMENT**

**WHEREAS**, I, the undersigned inventor (or one of the undersigned joint inventors) of residence as listed, have 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**, Raytheon Company (hereinafter referred to as "Assignee"), a Delaware Corporation, with an address of 141 Spring Street, Lexington, Massachusetts 02173, desires to acquire my 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, I 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 I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

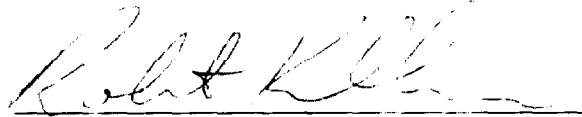
I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in our own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I 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.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I 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.

Title of Invention: APPARATUS AND METHOD FOR TRANSFERRING ENERGY  
ACROSS A CONNECTORLESS INTERFACE

Signature of Inventor:  
Inventor's Name:

  
Robert Kollman

Residence (City, County, State)

1832 Hatherly  
Plano, Collin County,  
Texas 75023

Date:

21 Dec 1998

Date Application Executed:

21 Dec 1998

Title of Invention: APPARATUS AND METHOD FOR TRANSFERRING ENERGY  
ACROSS A CONNECTORLESS INTERFACE

Signature of Inventor:  
Inventor's Name:

Jeff Sorge  
Jeff Sorge

Residence (City, County, State)

2539 West 109 Avenue  
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Colorado 80234

Date:

12-17-98

Date Application Executed:

12-17-98