

03-17-1999

FORM PTO-1595
1-31-92



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of I

100987241

attached original documents or copy thereof.

1. Name of Conveying Party(ies):
Charles L. Goldsmith
1813 Knob Hill
Plano, Collin County, Texas 75023
U.S.A. Citizen

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and Address of receiving Party(ies):
Name: Raytheon Company

Street Address: 141 Spring Street

City: Lexington State: MA ZIP: 02173

Additional name(s) & address(es) attached? Yes No

JCS11 U.S. PTO
09/262786
03/04/99

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

Execution Date: February 22, 1999

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: February 22, 1999
A. Patent Application No. B. Patent No.(s)

Additional Numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Charles S. Fish, Esq.
Internal Address: BAKER & BOTTS, L.L.P.

Street Address: 2001 Ross Avenue

City Dallas State: Texas Zip: 75201-2980

6. Total number of applications and patents involved: One.

7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
BAKER & BOTTS, L.L.P. 02-0384
(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.
Charles S. Fish, Reg. No. 35.870 March 4, 1999
Name of Person Signing Signature Date

Total number of pages including cover sheet

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

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Commissioner of Patent and Trademarks
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Washington, D.C. 20231

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Attachment
Attorney Docket No. 004578.0731
Assignment Recordal Sheet

Additional Conveyors:

Andrew Malczewski
6415 Rising Meadow
Arlington, Tarrant County, Texas 76018
U.S.A. Citizen

John C. Ehmke
1701 Hill Creek Drive
Garland, Dallas County, Texas 75043
U.S.A. Citizen

Zhimin Yao
7628 Worthing Street
Dallas, Dallas County, Texas 75252
Peoples Republic of China Citizen

ASSIGNMENT

WHEREAS, I, one of the undersigned joint inventors, of residences 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, Raytheon Company (hereinafter referred to as "Assignee"), a corporation of the state of Delaware, with an address of 141 Spring Street, Lexington, MA 02173, 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 provisionals, 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 provisional, 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.

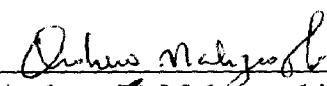
This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: **METHOD AND DEVICE FOR A THREE-DIMENSIONAL MICRO-COIL**

Signature of Inventor: 
Inventor's Name: Charles L. Goldsmith
Residence (City, County, State) Plano, Collin County, Texas


Date: 22 FEB 1999

Date Application Executed: 22 FEB 1999

Signature of Inventor: 
Inventor's Name: Andrew Malczewski
Residence (City, County, State) Arlington, Tarrant County, Texas


Date: 22 Feb 1999

Date Application Executed: 22 Feb 1999

Signature of Inventor: 
Inventor's Name: John C. Ehmke
Residence (City, County, State) Garland, Dallas County, Texas

Date: 2/22/99

Date Application Executed: 2/22/99

Signature of Inventor: 
Inventor's Name: Zhimin Yao
Residence (City, County, State) Dallas, Dallas County, Texas

Date: 2/22/99

Date Application Executed: 2/22/99