

10-06-2000



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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

09/640203
06/16/00

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

8-16-00

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date Month Day Year

Name (line 2)

Second Party

Name (line 1) Execution Date Month Day Year

Name (line 2)

09/640203

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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10/05/2000 DBYRNE 00000134 010465 09640203
01 FC:581 40.00 CH

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231
PATENT

REEL: 011126 FRAME: 0509

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number **only if a U.S. Application Number has not been assigned.**

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes No

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. Charges to deposit account are authorized, as indicated herein.

Kenneth E. Callahan

Kenneth E. Callahan

8/15/00
Date

Name of Person Signing

Signature

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1) LEHR, JANE

08 09 2000

Name (line 2)

Execution Date
Month Day Year

Name (line 1) ROHWEIN, GERALD J.

07 24 2000

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

10073 U.S. PTO
09/640203
06/16/00

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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Patent Application Number(s)

Patent Number(s)

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ASSIGNMENT

WHEREAS, we, James P. O'Loughlin, Diana L. Loree, and Jane Lehr while employed by the Government of the United States, along with Gerald J. Rohwein, a consultant, made an invention entitled Air Core Transformer with Coaxial Grading Shield and described in application for Letters Patent of the United States executed by us on the 4th day of August, 2000, on the 15^m day of August, 2000, on the 9 day of August, 2000, and on the 24 day of July, 2000.

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the promises and other valuable considerations, we, James P. O'Loughlin, Diana L. Loree, Jane Lehr, and Gerald J. Rohwein, the inventors, have sold, assigned and transferred and by these presents do sell, assign and transfer unto the Government of the United States of America as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patent issuing thereon and any continuations, divisions and reissues or extensions thereof; we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force, and his/her successors, as assignee of our entire right, title and interest in and to the same throughout the United States of America, its territories and dependencies, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions and reissues or extensions thereof are, or may be granted as fully and entirely as the same would have been held by us had this assignment not been made; and we do hereby also grant unto the Government of the United States as represented by the Secretary of the Air Force, our right, title, and interest in said invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to us of any further consideration; provided, however, that this grant to take foreign rights in our invention, or application for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries, and that all foreign rights not exercised under this grant are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government of the United States and/or in furtherance of the foreign policies of the Government of the United States; and we hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be

necessary for the preparation and filing of such applications, or for the Government to exercise its option granted hereunder, except that it shall be understood that we shall not be subject to any out-of-pocket expense relative to such action.

Inventor James P. O'Loughlin
James P. O'Loughlin

STATE OF: New Mexico

ss:

COUNTY OF Bernalillo

Before me, a Notary Public in and for the county of Bernalillo and state of New Mexico, on this 4th day of August, 2000, personally appeared **James P. O'Loughlin** to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

(Seal)

Libby M. Waits
Notary Public

My Commission Expires:
31 May 2001

Inventor Diana L. Loree
Diana L. Loree

STATE OF: New Mexico

ss:

COUNTY OF Bernalillo

Before me, a Notary Public in and for the county of Bernalillo and state of New Mexico, on this 15th day of August, 2000, personally appeared **Diana L. Loree** to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

(Seal)

Libby M. Waits
Notary Public

My Commission Expires:
31 May 2001

Inventor Jane Lehr
Jane Lehr

STATE OF: New Mexico

SS:

COUNTY OF Bernalillo

Before me, a Notary Public in and for the county of Bernalillo and state of New Mexico, on this 9th day of August, 2000, personally appeared **Jane Lehr** to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.

(Seal)

Lissy D. Waits
Notary Public

My Commission Expires:
31 May 2001

Inventor Gerald J. Rohwein
Gerald J. Rohwein

STATE OF: New Mexico

SS:

COUNTY OF Bernalillo

Before me, a Notary Public in and for the county of Bernalillo and state of N.M., on this 24 day of July, 2000, personally appeared **Gerald J. Rohwein** to me known personally, who being duly sworn did say that he is one of the inventors who signed the above instrument and acknowledges said instrument to be his free act and deed.



OFFICIAL SEAL
RACHELLE A. ROMERO
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires: 10/20/2001

(Seal)

Rachelle A. Romero
Notary Public

My Commission Expires: