

04-21-2003



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U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

8-79,057

## RECORDATION FORM COVER SHEET PATENTS ONLY

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### Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other

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- ☒ Departmental File ☐ Secret File

### Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) COWAN, Maynard, Jr.

Execution Date  
Month Day Year  
12/8/1994

Name (line 2)

### Second Party

Name (line 1) MARDER, Barry M.

Execution Date  
Month Day Year  
11/8/1994

Name (line 2)

### Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) U. S. Department of Energy

Name (line 2)

Address (line 1) 1000 Independence Avenue, S.W.

Address (line 2)

Address (line 3) Washington

D.C.

20585-0162

City

State/Country

Zip Code

☐ 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.)

### Domestic Representative Name and Address

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Name

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Pages

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Application Number(s) or Patent Number(s)

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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)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="5552649"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was

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:

Enclosed ☐

Deposit Account ☒

Deposit Account

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

Deposit Account Number:

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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.

Betty A. Winchester

Name of Person Signing



Signature

APR 10 2003

Date

SA 1155-ABA(1-90)-B

Page 1 of 2  
DOE S-79,057 / SD-5335

## ASSIGNMENT

WHEREAS, We,

Maynard Cowan, Jr. of Albuquerque, New Mexico, and Barry M. Marder of Albuquerque, New Mexico, have made an invention relating to SEGMENTED RAIL LINEAR INDUCTION MOTOR in the course of the work authorized by Contract AT(29-1)-789, now redesignated DE-AC04-76DP00789, made the 4th day of October 1949, and modifications thereof, between the UNITED STATES OF AMERICA and AMERICAN TELEPHONE AND TELEGRAPH COMPANY (formerly Western Electric Company, Incorporated), which contract SANDIA CORPORATION, Albuquerque, New Mexico, has joined as a party, said invention being disclosed and claimed in an application for United States patent identified as DOE Docket No.S-79,057 executed by the said inventor as follows:

Maynard Cowan, Jr. on December 8, 1994, and Barry M. Marder on November 8, 1994;

WHEREAS, We, in consideration of our employment by Sandia Corporation, have agreed, among other things, to assign to Sandia Corporation, its successors and assigns, all our rights to our inventions, discoveries, or improvements made or conceived in the course of our employment; and

WHEREAS, the Government of the United States desires to acquire, pursuant to Article IX, Paragraph 1 of said Contract AT(29-1)789, the entire right, title, and interest in and to said invention and in and to any patents therefor wherever they may be granted, as well as reissues or extensions of said patents, subject to the licenses and rights hereinafter reserved to American Telephone and Telegraph Company;

NOW, THEREFORE, for and in consideration of the premises, we, by these presents, do sell, assign, and transfer unto the said Government of the United States as represented by the United States Department of Energy and/or its assigns, our entire right, title, and interest in and to said invention and in and to all patents therefor wherever they may be granted, as well as reissues or extensions of said patents, the same to be held and enjoyed by the said Government of the United States to the full end of the term or terms for which said patents are or may be granted, reissued or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made, except, however, there are reserved to American Telephone and Telegraph Company and other AT&T companies nonexclusive, irrevocable, royalty-free licenses under said invention and patents therefor limited to make and have made, use, lease, and sell products and services.

We covenant with the Government of the United States that, except for the rights, if any, of Sandia Corporation and American Telephone and Telegraph Company, our interest in the rights and property herein conveyed is free and clear of any encumbrance and that we have full right to execute, and deliver to the Government of the United States or to the United States Department of Energy any and all papers, documents, affidavits, applications, statements, or other instruments of us by the United States Department of Energy in or incident to the prosecution of any or all actions or proceedings that said applications or patents thereon may encounter or in which they may become involved, except that any expense arising from such assistance will be paid by the Government of the United States, by proper arrangement.

## ASSIGNMENT

Signed at Albuquerque, NM this 8 day of December, 1994.

Maynard Cowan, Jr.  
Maynard Cowan, Jr.

Signed at Albuquerque, NM this 8 day of NOVEMBER, 1994.

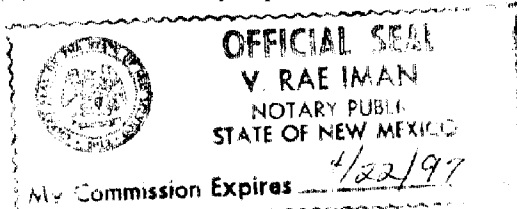
Barry M. Marder  
Barry M. Marder

STATE OF NEW MEXICO )

) ss.

COUNTY OF BERNALILLO )

On December 8, 1994 before me, V. Rae Iman, Notary Public, personally appeared Maynard Cowan, Jr, and on November 8, 1994 personally appeared Barry M. Marder, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

V. Rae Iman  
Notary Public

(SEAL)

Approved and consented to this 8 day of December, 1994.

SANDIA CORPORATION

By Kurt C. Olsen  
Kurt C. Olsen  
Patent Counsel  
Patent and Licensing Office, 11500  
Sandia National Laboratories  
Albuquerque, NM 87185-0161

Accepted for the benefit of the Government of the United States.

WITNESS:

Arthur Barak

UNITED STATES DEPARTMENT OF ENERGY

By [Signature]