



02-06-03

Patent No. 6,374,311  
Express Mail No. EL 929182644 US

FORM PTO-1595  
RECORDATION FORM COVER SHEET

02-12-2003

J.S. DEPARTMENT OF COMMERCE 1/31/92



102363772

attached original documents or copies

To the Honorable Commissioner of Patent  
thereof.

1. Name of conveying party(ies):

ROBERT C. MEIER  
RONALD E. LUSE  
RONALD L. MAHANY

2-4-03

2. Name and address of receiving party(ies):

Norand Corporation  
550 Second Street S.E.  
Cedar Rapids, IA 52401

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other:

Execution Date: 12-12-92; 01-04-93; 01-03-93

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

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the filing date of the application is:

A. Patent Application No.(s)

B. Patent No.(s) 6,374,311

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

David Z. Petty  
McAndrews, Held & Malloy, Ltd.  
500 West Madison Street  
34th Floor  
Chicago, IL 60661

Attorney for Broadcom Corporation

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: 13-0017

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*

Signature and Registration Number:

*David Z. Petty*

52,119

Date: February 4, 2003

Name of Person Signing:

David Z. Petty

02/12/2003 6TOM11 00000038 130017 6374311

01 FC:0021 40.00 CH

PATENT  
REEL: 013740 FRAME: 0001

COPY A

Attorney Docket No. 92P767

A S S I G N M E N T

WHEREAS, we, ROBERT C. MEIER, RONALD E. LUSE, and RONALD L. MAHANY, residents of Cedar Rapids, Marion, and Cedar Rapids, respectively, and all residing in the County of Linn and State of Iowa, have invented certain new and useful improvements in a

"RADIO FREQUENCY LOCAL AREA NETWORK"

as described or intended to be described and set forth in the application executed of even date herewith, or as filed on November 2, 1992, as U.S. Serial No. 07/970,411.

WHEREAS, NORAND CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at Cedar Rapids, Iowa, is desirous of acquiring the entire right, title and interest in and to said invention, improvements, application and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof:

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of One Dollar (\$1.00), to us in hand paid and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the afore-said inventors, have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said NORAND CORPORATION, its successors and assigns,

REEL 7216 FRAME 157

the entire right, title and interest in and to said invention, improvements, application and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof, all our foreign rights to said invention, and all our rights under the International Convention in respect to said invention and application, and authorize the said NORAND CORPORATION to apply for patents in foreign countries, claiming the filing date of the United States application under the provisions of the International Convention. We authorize insertion of U.S. Serial No. and filing date hereinabove to further identify the application for patent. And we hereby agree to communicate to the said NORAND CORPORATION or its representatives any facts known to us respecting said invention and improvements, to testify in any legal proceedings relating thereto, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and in addition to execute any and all documents that may be required in order that the said NORAND CORPORATION may make application for Letters Patent on said invention in foreign countries in its own name. And we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or upon said invention or applications unto the said NORAND CORPORATION, its successors and assigns, in accordance with this Assignment.

REEL 1216 FRAME 158

Signed at Cedar Rapids in the County of Linn and State  
of Iowa this 12 day of Dec., 1992.

Robert C. Meier  
Robert C. Meier

STATE OF IOWA            )  
                                  ) ss:  
COUNTY OF LINN         )

I, John H. Sherman, a Notary Public in and for the County  
and State aforesaid, do hereby certify that ROBERT C. MEIER  
personally known to me to be the same person whose name is  
subscribed to the foregoing instrument, appeared before me  
this day in person and acknowledged that he signed, sealed and  
delivered the said instrument as his free and voluntary act  
and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 12<sup>th</sup> day of  
December, 1992.

John H. Sherman  
Notary Public

My commission expires:  
March 3, 1994

(SEAL)

REEL 1216 FRAME 159

Signed at Cedar Rapids in the County of Linn and State  
of Iowa this \_\_\_\_\_ day of \_\_\_\_\_, 1992.

\_\_\_\_\_  
Ronald L. Mahany

STATE OF IOWA            )  
                              ) ss:  
COUNTY OF LINN         )

I, John H. Sherman, a Notary Public in and for the County  
and State aforesaid, do hereby certify that RONALD L. MAHANY  
personally known to me to be the same person whose name is  
subscribed to the foregoing instrument, appeared before me  
this day in person and acknowledged that he signed, sealed and  
delivered the said instrument as his free and voluntary act  
and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this \_\_\_\_\_ day of  
\_\_\_\_\_, 1992.

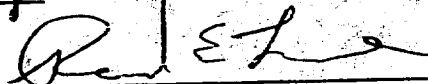
\_\_\_\_\_  
Notary Public

My commission expires:  
March 3, 1994

(SEAL)

REEL 216 FRAME 160

Signed at Cedar Rapids in the County of Linn and State  
of Iowa this 4th day of January, <sup>1993</sup>~~1992~~.

  
Ronald E. Luse

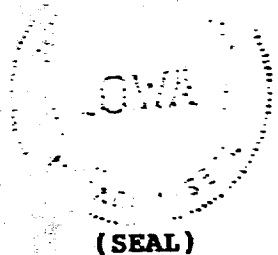
STATE OF IOWA            )  
                                  ) ss:  
COUNTY OF LINN        )

I, John H. Sherman, a Notary Public in and for the County  
and State aforesaid, do hereby certify that RONALD E. LUSE  
personally known to me to be the same person whose name is  
subscribed to the foregoing instrument, appeared before me  
this day in person and acknowledged that he signed, sealed and  
delivered the said instrument as his free and voluntary act  
and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 4th day of  
January, ~~1992~~ 1993.

  
Notary Public

My commission expires:  
March 3, 1994



REEL 1216 FRAME 161

COPY B

Attorney Docket No. 92P767

A S S I G N M E N T

WHEREAS, we, ROBERT C. MEIER, RONALD E. LUSE, and RONALD L. MAHANY, residents of Cedar Rapids, Marion, and Cedar Rapids, respectively, and all residing in the County of Linn and State of Iowa, have invented certain new and useful improvements in a

"RADIO FREQUENCY LOCAL AREA NETWORK"

as described or intended to be described and set forth in the application executed of even date herewith, or as filed on November 2, 1992, as U.S. Serial No. 07/970,411.

WHEREAS, NORAND CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at Cedar Rapids, Iowa, is desirous of acquiring the entire right, title and interest in and to said invention, improvements, application and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof:

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of One Dollar (\$1.00), to us in hand paid and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the afore-said inventors, have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said NORAND CORPORATION, its successors and assigns,

REEL 1216 FRAME 162

the entire right, title and interest in and to said invention, improvements, application and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof, all our foreign rights to said invention, and all our rights under the International Convention in respect to said invention and application, and authorize the said NORAND CORPORATION to apply for patents in foreign countries, claiming the filing date of the United States application under the provisions of the International Convention. We authorize insertion of U.S. Serial No. and filing date hereinabove to further identify the application for patent. And we hereby agree to communicate to the said NORAND CORPORATION or its representatives any facts known to us respecting said invention and improvements, to testify in any legal proceedings relating thereto, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and in addition to execute any and all documents that may be required in order that the said NORAND CORPORATION may make application for Letters Patent on said invention in foreign countries in its own name. And we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or upon said invention or applications unto the said NORAND CORPORATION, its successors and assigns, in accordance with this Assignment.

REEL 7216 FRAME 163



Signed at Cedar Rapids in the County of Linn and State  
of Iowa this 3<sup>rd</sup> day of JANUARY, 1993.

  
Ronald L. Mahany

STATE OF IOWA            )  
                                  ) ss:  
COUNTY OF LINN        )

I, John H. Sherman, a Notary Public in and for the County  
and State aforesaid, do hereby certify that RONALD L. MAHANY  
personally known to me to be the same person whose name is  
subscribed to the foregoing instrument, appeared before me  
this day in person and acknowledged that he signed, sealed and  
delivered the said instrument as his free and voluntary act  
and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 4th day of  
January, ~~1992~~ 1993.

  
John H. Sherman  
Notary Public

My commission expires:  
March 3, 1994

(SEAL)

REEL 7216 FRAME 164

Signed at Cedar Rapids in the County of Linn and State  
of Iowa this 12 day of Dec., 1992.

Robert C. Meier  
Robert C. Meier

STATE OF IOWA            )  
                                  ) ss:  
COUNTY OF LINN         )

I, John H. Sherman, a Notary Public in and for the County  
and State aforesaid, do hereby certify that ROBERT C. MEIER  
personally known to me to be the same person whose name is  
subscribed to the foregoing instrument, appeared before me  
this day in person and acknowledged that he signed, sealed and  
delivered the said instrument as his free and voluntary act  
and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 12th day of  
December, 1992.

\_\_\_\_\_  
Notary Public

My commission expires:  
March 3, 1994

(SEAL)

Signed at Cedar Rapids in the County of Linn and State  
of Iowa this \_\_\_\_\_ day of \_\_\_\_\_, 1992.

\_\_\_\_\_  
Ronald E. Luse

STATE OF IOWA            )  
                                  ) ss:  
COUNTY OF LINN         )

I, John H. Sherman, a Notary Public in and for the County  
and State aforesaid, do hereby certify that RONALD E. LUSE  
personally known to me to be the same person whose name is  
subscribed to the foregoing instrument, appeared before me  
this day in person and acknowledged that he signed, sealed and  
delivered the said instrument as his free and voluntary act  
and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this \_\_\_\_\_ day of  
\_\_\_\_\_, 1992.

\_\_\_\_\_  
Notary Public

My commission expires:  
March 3, 1994

(SEAL)

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RECORDED  
PATENT AND TRADEMARK  
OFFICE

REEL 1216 FRAME 166