FORM PTO-1595	02-12	S. DEPARTMENT OF COMMERCE 1/31/92	
NEW & TRADE			
To the Honorable Commissioner of Patent. hereof.	1023	ached original documents or copies	
Name of conveying party(ies):	2-4-03	2. Name and address of receiving party(ies):	
RONALD E. LUSE, et al.	F 102	Norand Corporation	
Additional name(s) of conveying party(ies) attached? [X] Yes [] No		550 Second Street S.E. Cedar Rapids, IA 52401	
3. Nature of conveyance:			
[X] Assignment [] Merger		Additional name(s) & address(es) attached? [] Yes [X] No	
[] Security Agreement [] Cha	nge of Name		
[] Other:			
Execution Date: See Attached.			
<ol> <li>Application number(s) or patent number</li> </ol>	r(s):		
f this document is being filed together with a new ap	plication, the filing date	of the application is:	
A. Patent Application No.(s)	E	3. Patent No.(s) 6,359,872	
		tached? [] Yes [X] No	
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>		<ol> <li>Total number of applications and patents involved: 1</li> </ol>	
		7. Total fee (37 CFR 3.41): \$ <u>40.00</u>	
David Z. Petty McAndrews, Held & Malloy, Ltd.		[] Enclosed	
500 West Madison Street 34th Floor Chicago, IL 60661 Attorney for Broadcom Corporation		[X] Authorized to be charged to deposit account	
		8. Deposit account number: 13-0017	
•		(Attach duplicate copy of this page if paying by deposit account)	
	DONOTO	SE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, of the original document.	, the foregoing info	mation is true and correct and any attached copy is a true copy	
Signature and Registration Number:	Sm 4	52,119 Date: February 4, 2003	
Name of Person Signing: Davi	id Z. Petty		
	}		
12/2003 GTON11 00000010 130017 6359872 FC:8021 40.00 CH	/		

REEL: 013735 FRAME: 0514

### FORM PTO-1595 **RECORDATION FORM COVER SHEET**

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

# Patent and Trademark Office **PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

Name of Conveying Parties	Execution Date
Ronald E. Luse	April 22, 1996
Ronald L. Mahany	December 15, 1995
Alan G. Bunte	December 14, 1995
Guy J. West	July 30, 1995
Charles D. Gollnick	March 22, 1996

PATENT REEL: 013735 FRAME: 0515

#### ASSIGNMENT

WHEREAS, we, Ronald E. Luse, Ronald L. Mahany, Alan G. Bunte, Guy J. West, and Charles D. Gollnick have invented certain new and useful improvements in a

## "WIRELESS PERSONAL LOCAL AREA NETWORK UTILIZING REMOVABLE RADIO FREQUENCY MODULES WITH DIGITAL INTERFACES AND IDLE SENSE COMMUNICATION PROTOCOL"

as described or intended to be described and set forth in an international application for patent under the Patent Cooperation Treaty, Application No. PCT/US93/12628 filed on 23 December 1993 in the United States Receiving Office, and designating the United States of America and Canada as designated states.

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, international application, corresponding regional and national applications, and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof:

6040200S.DOC

PA' ENT REEL: 8299 FRAME: 0264

## PATENT REEL: 013735 FRAME: 0516

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, is hereby the receipt of which acknowledged, we, the aforesaid 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, the entire right, title and interest in and to said invention, improvements, applications, 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 applications, and authorize the said NORANE CORPORATION to apply for patents in foreign countries, claiming the filing date of the international application and any corresponding U.S. applications under the provisions of any relevant treaties. And I 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 proceeding relating thereto, sign a11 lawful papers, all execute divisional, continuing reissue and 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.

-2-

. 500

PATENT REEL: 8299 FRAME: 0265 PATENT REEL: 013735 FRAME: 0517 ÷,

Signed at Cedar Rapids in the County of Linn, and State of Iowa, this \_\_\_\_\_ day of April, 1996.

Witness:

Witness:

(Need only Signatures of two witnesses, or Notarization, not both.)

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 **22** day of April, 1996.

4. Shen

My Commission expires: March 3, 1997

(SEAL)

H:VCOMMON/LEGAL/WINWORD/PATENTS/60402015.DOC

PATENT REEL: 013735 FRAME: 0518

PATENT REEL: 8299 FRAME: 0266 Signed at Cedar Rapids in the County of Linn, and State of Iowa, this 15th day of Dec., 1995

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 <u>15th</u> day of Dec., 1995.

4. Sherman

//Notary Public

My Commission expires: March 3, 1997

(SEAL)

PATENT REEL: 8299 FRAME: 0267

> PATENT REEL: 013735 FRAME: 0519

5121300S.DOC

Signed at Cedar Rapids in the County of Linn, and State of Iowa, this \_\_\_\_\_\_\_\_\_ day of Dec., 1995

BL. AR

Alan G. Bunte

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 ALAN G. BUNTE 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 \_1.5 th day Dec., 1995.

1 Shen

Notary Public

My Commission expires: March 3, 1997

(SEAL)

PATENT REEL: 8299 FRAME: 0268 PATENT REEL: 013735 FRAME: 0520

5121301S.DOC

Signed at Duluth in the County of Guinnett, and state of Georgia, this 304h day of fully, 1995

Wes

STATE OF IOWA ) ) SS. COUNTY OF LINN )

, a Notary Public in and for the County and I. John H. Sherman State aforesaid, do hereby certify that GUY J. WEST 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 <u>6th</u> day of <u>March</u>, 1996.

Man H. Sherman Notary Public

My Commission expires: March 3, 1997

PATENT REEL: 8299 FRAME REEL: 013735 FRAME: 0521

(SEAL)

5072403S.DOC

Signed at Nashville in the County of Davidson, and state of Tennessee, this 22 day of March , 1996.

Witness:

Witness:

(Need only Signatures of two witnesses, or Notarization, not both.)

STATE OF TENNESSEE )

) SS.

COUNTY OF Davidson )

I. Raksha Patel , a Notary Public in and for the County and State aforesaid, do hereby certify that CHARLES D. GOLLNICK, 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 22 day of March , 1996.

My Commission expires: elon Funima SEPT. 18, 1999

(SEAL)

PATENT REEL: 8299 FRAME: 0270

> PATENT REEL: 013735 FRAME: 0522

RECORDENCERTING STRENTS 6031208S.DOC

**RECORDED: 02/04/2003**