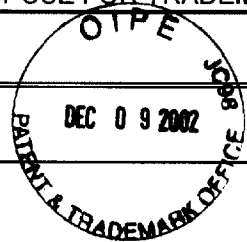


12-13-2002

DO NOT USE FOR TRADEMARKS

P/

EET
ONLYTO THE DIRECTOR OF THE U.S. PATENT
AND TRADEMARK OFFICE
SIR: PLEASE RECORD THE ATTACHED COPY THEREOF.

102311073

Y THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

(1) Steven E. STRAUSS

(3) Jason Alexander TRACHEWSKY

(2) John T. HOLLOWAY

(4) Lixi WU

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?

☐ YES☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Lucent Technologies Inc.

ADDRESS: 600 Mountain Avenue, Murray Hill, NJ 07974-0636

NAME: Broadcom Corporation

ADDRESS: 16215 Alton Parkway, Irvine, CA 92618-3616

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED?

☐ YES☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation – multiple copies of same Assignment signed by different inventors is one document.)☒

ASSIGNMENT OF:

☒

WHOLE

☐

PART INTEREST

EXEC. DATES: December 4, 2002
August 29, 2000☐

CHANGE OF NAME

☐

VERIFIED TRANSLATION

☐

SECURITY

☐

MERGER

☐

OTHER:

4. EXECUTION DATES(S) ON THE DECLARATION IF FILED HEREWITH:

(NOTE: IF DATES ↑↓ DIFFER, SEE ATTORNEY!!)

4.5 APPL. OR PATENT NUMBER(S) – OTHERS ON ADD'L SHEET(S) ATTACHED?

☐ YES☒ NOA. PAT. APP. NO.(S)
series code/serial no.

MATTER #

1ST INVENTOR if
not in item 1

B. PATENT NO(S)

MATTER #

1ST INVENTOR
if not in item 1

09/606,157

20-100

Holloway

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:

MANELLI DENISON & SELTER PLLC

2000 M Street, NW Suite 700

Washington, DC 20036

6. NUMBER INVOLVED:

APPLNS 1 + PATS = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL X \$40 = \$40

5.5 ATTORNEY DOCKET:

8. IF ABOVE FEE IS MISSING OR INADEQUATE, CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 50-0687

20-100

Holloway 1-3-1-1

UNDER ORDER NO:

Holloway 1-3-1-1

MATTER NO.

CLIENT REFERENCE

duplicate sheet not required

CLIENT/MATTER

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.

Attorney: William H. Bollman

Reg. No. 36,457

WHB/nmc

12/12/2002 DBYRNE 00000041 09606157

TEL. (202) 261-1020

DATE: December 9, 2002

FAX. (202) 887-0336

10. Total number of pages including this
cover sheet, attachments and document
(do not file duplicate cover sheet)

7

01 FC:8021

40.00 UP

FILE WITH PTO RETURN RECEIPT

PATENT
REEL: 013558 FRAME: 0497

ASSIGNMENT

WHEREAS, BROADCOM HOMENETWORKING, INC., a California corporation, having a place of business at 400 E. Caribbean, Sunnyvale, California 94089 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNOR") is a joint assignee of **U.S. Patent Application No. 09/606,157**, filed on June 29, 2000, for an invention entitled **SIGNATURE DEVICE FOR HOME PHONELINE NETWORK DEVICES**;

AND WHEREAS, BROADCOM CORPORATION, a California corporation, having a place of business at 16215 Alton Parkway, Irvine, California 92618-3616 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest that ASSIGNOR has in and to said **U.S. Patent Application No. 09/606,157**, and all the inventions therein, and ASSIGNOR is willing to enter into such assignment.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer and set over to ASSIGNEE its entire right, title and interest in and to U.S. Patent Application No. **09/606,157** and all continuations, divisions, reexaminations, reissues, substitutes and international counterparts thereof, and of all inventions therein and of all U.S. and foreign patents issued thereon;

ASSIGNOR hereby covenants that it has full right to convey its entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR hereby further covenants and agrees that it will communicate to ASSIGNEE any and all facts known to it respecting said patent application, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 4 day of December 2002.

BROADCOM HOMENETWORKING, INC.

By

Print Name:

Title:

William J. Ruehle

Vice President and Chief Financial Officer

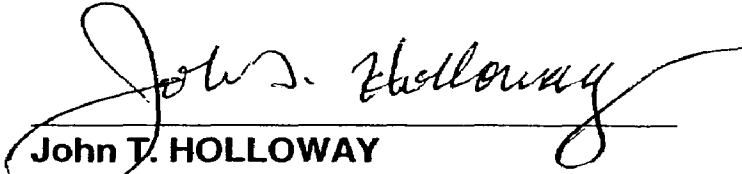
RJP/cah

ASSIGNMENT AND AGREEMENT

For value received, we, **Steven E. Strauss**, of **Orefield**, in the County of **Lehigh** and State of **Pennsylvania**, **John T. HOLLOWAY**, of **Atherton**, in the County of **San Mateo**, and State of **California**, **Jason Alexander TRACHEWSKY**, of **Palo Alto**, in the County of **Santa Clara**, and State of **California**, and **Lixi WU**, of **San Jose**, in the County of **Santa Clara**, and State of **California**, hereby sell, assign and transfer to **Lucent Technologies Inc.**, a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, and **Broadcom HomeNetworking, Inc.**, a corporation of the State of California, having an office at 870 West Maude Avenue, Sunnyvale, California 94086, U.S.A., and its successors, assigns and legal representatives, jointly, the entire right, title and interest, for the United States of America, in and to certain inventions related to **SIGNATURE DEVICE FOR HOME PHONELINE NETWORK DEVICES**, described in an application for Letters Patent of the United States filed on June 29, 2000, as Serial No. 09/606,157, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to **Lucent Technologies Inc.** and **Broadcom HomeNetworking, Inc.**, jointly, the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize **Lucent Technologies Inc.** and **Broadcom HomeNetworking, Inc.** to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **Lucent Technologies Inc.** and **Broadcom HomeNetworking, Inc.** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.


John T. HOLLOWAY

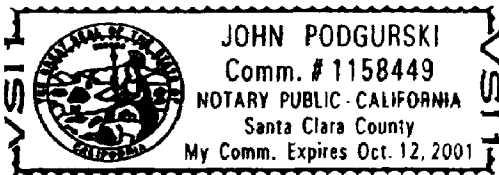
Date: 7/31/00

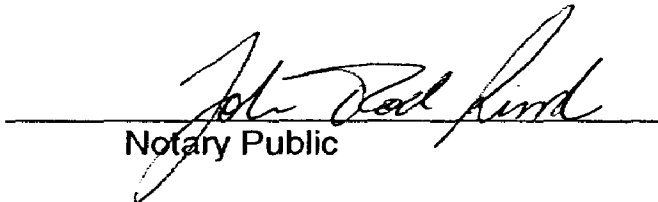
United States of America)

State of CALIFORNIA) ss.:

County of SANTA CLARA)

On this 31 day of July, 2000, before me personally came **John T. HOLLOWAY**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public


Jason Alexander TRACHEWSKY

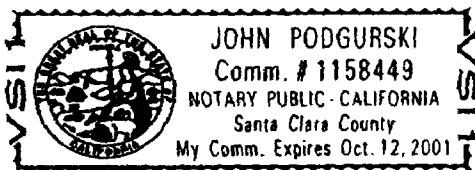
Date: July 31, 2000

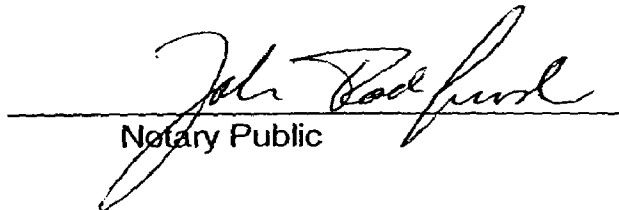
United States of America)

State of CALIFORNIA) ss.:

County of SANTA CLARA)

On this 31 day of July, 2000, before me personally came **Jason Alexander TRACHEWSKY**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public

Lixi

Lixi WU

Date: 7/31/00

United States of America)

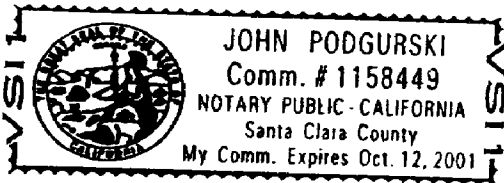
State of *CALIFORNIA*) ss.:

County of *SANTA CLARA*)

On this 31 day of July, 2000, before me personally came **Lixi WU**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

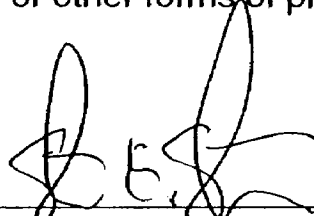
John Podgurski

Notary Public



in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. and Broadcom HomeNetworking, Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. and Broadcom HomeNetworking, Inc., but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.



 Steven E. Strauss

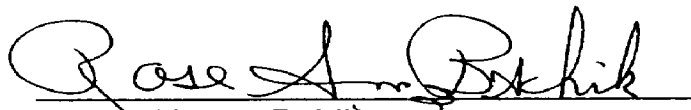
Date: 8/29/00

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 29th day of August, 2000, before me personally came **Steven E. Strauss**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



 Notary Public

