

07-02-1999

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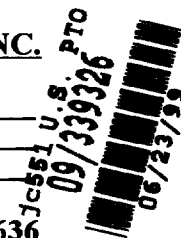


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TO The Assistant COMMISSIONER For PATENTS :

Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies): JOSEPH HAROLD HAVENS BRIAN K. HORTON Additional name(s) of conveying party(ies) <u>6-23-99</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>LUCENT TECHNOLOGIES INC.</u> Internal Address: _____ Street Address: <u>600 Mountain Ave, Box 636</u> City: <u>Murray Hill</u> State: <u>NJ</u> ZIP: <u>07974-0636</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name Other _____ EXECUTION DATE: <u>6/18 - 22/1999</u>	



4. Application number(s) or patent number(s): If this document is being filed together with a new application, A. Patent Application No.(s) Additional numbers attached? Yes <input checked="" type="checkbox"/> No	the execution date of the application is: <u>6/18 - 22/1999</u> B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>HOWARD R. POPPER & ASSOCIATES</u> Internal Address: _____ Street Address: <u>4436 E. Camelback Rd. - Ste # 35</u> City: <u>PHOENIX</u> State: <u>AZ</u> ZIP: <u>85018-2833</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: <u>12-2325</u> (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature. <i>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.</i> Howard R. Popper Name of Person Signing June 22, 1999 Date Total number of pages including cover sheet <u>4</u>		
J. H. Havens 9 - 4		

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ASSIGNMENT AND AGREEMENT

For value received, **We**, **JOSEPH HAROLD HAVENS** of Tokyo, Japan, and **BRIAN K. HORTON** of Sinking Spring, Berks County, Pennsylvania, hereby sell, assign and transfer to:

LUCENT TECHNOLOGIES INC., a corporation of **Delaware** having an office at **600 Mountain Ave, P.O. Box 636, Murray Hill, NJ 07974-0636, U.S.A.**, and its successors, assigns and legal representatives, hereinafter collectively **Lucent Technologies Inc.**, the entire right, title and interest, for the United States of America, in and to certain inventions related to

LOW-NOISE MIXER

described in an application for Letters Patent of the United States, executed by **us** of even date herewith, and all rights and privileges in said application and under any 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.** 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.** 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.** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents issued for said inventions in the United States and in all countries foreign to the United States be issued to **Lucent Technologies Inc.**, or to such nominees as they may designate.

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

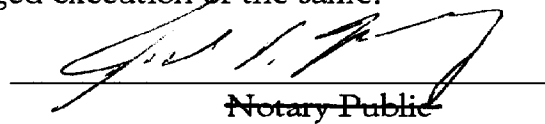
Date: JUN 18 1999


JOSEPH HAROLD HAVENS

United States of America

State of JAPAN
CITY OF TOKYO } ss:
County of EMBASSY OF THE UNITED STATES OF AMERICA

On this JUN 18 1999 day of _____, 1999, before me personally came **JOSEPH HAROLD HAVENS** known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

Joseph P. Murphy
Consul of the United States of America
duly commissioned and qualified

Brian K. Horton
BRIAN K. HORTON

Date: 6/22/99

United States of America
State of PA
County of Berks

On this 22 day of June, 1999, before me personally
came **BRIAN K. HORTON** known to be the individual described in and who executed
the foregoing instrument, and acknowledged execution of the same.

Michael J. Cawley
Notary Public

