

ASSIGNMENT AND AGREEMENT

For value received, we, Karl Georg Hampel, of Manhattan Township in the County of Kings and State of New York, and Gary M. Hojell, of Kinnelon Township in the County of Morris and State of New Jersey, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey 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 **STEERABLE PHASED-ARRAY ANTENNA HAVING SERIES FEED NETWORK** described in an application for Letters Patent of the United States, executed by us of even date herewith, 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. 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.

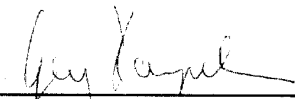
We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization 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 for said inventions be issued to Lucent Technologies Inc. in the United States and to Lucent Technologies Inc. in all countries foreign to the United States, or to such nominees as they may designate.

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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.


Karl Georg Hampel

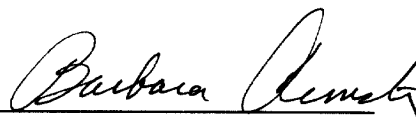
Date: 3-16-98

United States of America)

State of New Jersey) ss.:

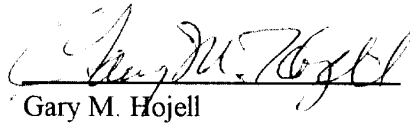
County of ~~Union~~ Monie)

On this 16th day of March, 1998, before me personally came Karl Georg Hampel, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

BARBARA ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires July 14, 1999

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Gary M. Hojell

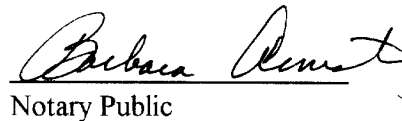
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Notary Public

BARBARA ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires July 14, 1999

Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
P.O. Box 636
Murray Hill, New Jersey 07974-0636

RECORDED: 03/18/1998

PATENT
REEL: 9057 FRAME: 0589