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Sanjiv Nanda		N	Income Maria		20
Kiran M. Rege		Name:	Lucent Tecl	mologies In	ici
Carl Frances Weaver			ddraes:		36.
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ASSIGNMENT AND AGREEMENT

For value received, we, Sanjiv Nanda, of Clarksburg in the County of Monmouth and State of New Jersey, Kiran M. Rege, of Marlboro in the County of Monmouth and State of New Jersey, and Carl Francis Weaver, of Township of Hanover in the County of State of New Jersey. hereby sell. assign and 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, the entire right, title and interest, for the United States of America, in and to certain inventions related to Power Control With Effective Eb/No 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 in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

PATENT REEL: 010229 FRAME: 0796

We agree that, when requested, we shall, without charge to Lucent Technologies 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.

United States of America

State of New July) ss.:

County of Monmouth)

On this 3/st day of August 7 personally came Sanjiv Nanda, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

LINDAK KRICHMAN Notary Pubsic of New Jersey, USA Registered in Monmouth County My Commission Expires 16/28/99

S. Nanda 32-18-21

Kiran M. Řege

United States of America

State of New Jersey) ss.: County of Monmouth)

On this 3/st day of august ,1999, before me personally came Kiran M. Rege, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

LINDA K. KRICHMAN Notary Public of New Jersey, USA Registered in Monmouth County My Commission Expires 10/28/99

> **PATENT** REEL: 010229 FRAME: 0798

S. Nanda 32-18-21

Carl Francis Weaver

Date: 75 EP99

United States of America

State of New Jevery

) ss.:

County of

On this _____day of ______,19_____, before me personally came Carl Francis Weaver, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

ALMETA CARTER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 9 2001

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

PATENT RECORDED: 09/07/1999 REEL: 010229 FRAME: 0799