PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Adriaan J. De Lind Van Wijngaarden	12/17/2009

RECEIVING PARTY DATA

Name:	Alcatel-Lucent USA Inc.
Street Address:	600-700 Mountain Avenue
City:	Murray Hill
State/Country:	NEW JERSEY
Postal Code:	07974

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12640975

Joseph B. Ryan

CORRESPONDENCE DATA

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Total Attachments: 2

NAME OF SUBMITTER:

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PATENT REEL: 023673 FRAME: 0248

ASSIGNMENT AND AGREEMENT

For value received, I, Adriaan J. De Lind Van Wijngaarden, of New Providence in the County of Union and State of New Jersey, hereby sell, assign and transfer to Alcatel-Lucent USA Inc., a corporation of the State of Delaware, having an office at 600-700 Mountain Avenue, Murray Hill, New Jersey 07974, 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 CROSSTALK CONTROL METHOD AND APPARATUS USING A BANDWIDTH-ADAPTIVE PRECODER INTERFACE described in an application for Letters Patent of the United States, executed by me 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 I also concurrently hereby sell, assign and transfer to Alcatel-Lucent USA 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.

I authorize Alcatel-Lucent USA 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I 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 Alcatel-Lucent USA Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Alcatel-Lucent USA Inc. in the United States and in all countries foreign to the United States, or to such nominees as Alcatel-Lucent USA Inc. may designate.

PATENT REEL: 023673 FRAME: 0249 Adriaan J. De Lind Van Wijngaarden

Date: Dec. 17, 2009

United States of America

State of New Jersey

) ss.:

)

County of Union

On this day of d

Notary Public

MICHELE M. RUTTER
ID # 2357850
MOTARY PUBLIC OF MEM IBASEY
Commission Dopkes 3/27/2012

Ryan, Mason & Lewis, LLP 90 Forest Avenue Locust Valley, New York 11560 (516) 759-2722

RECORDED: 12/18/2009