

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Thorsten WILD</td><td>04/03/2007</td></tr><tr><td>Cornelis HOEK</td><td>04/03/2007</td></tr></tbody></table>	Name	Execution Date	Thorsten WILD	04/03/2007	Cornelis HOEK	04/03/2007					
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Alcatel Lucent</td></tr><tr><td>Street Address:</td><td>54 rue la Boetie</td></tr><tr><td>City:</td><td>Paris</td></tr><tr><td>State/Country:</td><td>FRANCE</td></tr><tr><td>Postal Code:</td><td>75008</td></tr></table>	Name:	Alcatel Lucent	Street Address:	54 rue la Boetie	City:	Paris	State/Country:	FRANCE	Postal Code:	75008	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12046392</td></tr></tbody></table>	Property Type	Number	Application Number:	12046392							
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CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	David J. Cushing										
Total Attachments: 1 source=Q107031 Assignment#page1.tif											

CH \$40.00 12046392

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PATENT
REEL: 020641 FRAME: 0129

Assignment

Whereas, I/We,

WILD Thorsten, HOEK Cornelis of Stuttgart, Germany, Tamm, Germany

hereinafter called assignor(s), have invented certain improvements in

METHOD FOR DETERMINING MIMO TRANSMISSION TECHNIQUES, BASE STATION AND MOBILE TERMINAL

and executed an application for Letters Patent of the United States of America therefor on

_____ ; and

Whereas,

ALCATEL LUCENT

54, rue La Boétie

75008 PARIS

France

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 12/046,392 and Confirmation number 1071, filed March 11, 2008) the application number and filing date of said application when known.

Date: April 3, 2007


s/ WILD Thorsten

Date: April 3, 2007


s/ HOEK Cornelis

Date: _____

s/

Date: _____

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)