

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4535391

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICHARD M. CZERWIEC	04/24/2002
RICHARD H. BAILEY	04/24/2002
RICHARD R. RZONCA	04/24/2002
GUS C. SANDERS JR.	04/24/2002
RANDALL B. SHARPE	04/24/2002
JOSEPH E. SUTHERLAND	04/24/2002
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALCATEL, SOCIETE ANONYME
<b>Street Address:</b>	54, RUE LA BOETIE
<b>City:</b>	75008 PARIS
<b>State/Country:</b>	FRANCE
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7639697
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	908-582-4186
<b>Email:</b>	narpatent@nokia.com
<b>Correspondent Name:</b>	DOCKET ADMINISTRATOR
<b>Address Line 1:</b>	600-700 MOUNTAIN AVENUE
<b>Address Line 2:</b>	ROOM 3B-212F
<b>Address Line 4:</b>	MURRAY HILL, NEW JERSEY 07974-0636
<b>ATTORNEY DOCKET NUMBER:</b>	US7639697 (TECH CASE)
<b>NAME OF SUBMITTER:</b>	NIRAJ A. DESAI
<b>SIGNATURE:</b>	/Niraj A. Desai/
<b>DATE SIGNED:</b>	08/03/2017
<b>Total Attachments: 3</b>	

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**ASSIGNMENT**

For one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned does hereby sell, assign, and transfer to: Alcatel, société anonyme, a corporation organized and existing under the laws of France and having its principal place of business at 54, rue La Boétie, 75008 Paris, France ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest in and to any and all inventions which are described in the application for United States Patent identified below and to any and all improvements thereto.

The undersigned does hereby sell, assign, and transfer to Assignee the entire right, title and interest to all applications (including provisional, divisional, continuations, substitutions, reissues, and extensions), which have been or shall be filed in the United States and all foreign countries and under the terms of any treaties or conventions (including the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and the European Patent Convention) relating to said invention and any of said improvements; and in and to all rights of priority resulting from the filing of any such applications.

The undersigned agrees that Assignee may apply for and receive patents for said invention and improvements in its own name; and that, when requested, without charge to, but at the expense of, Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, divisional, continuations, substitutions, reissues, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said inventions and improvements and the history thereof; and generally do everything possible which Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and improvements, and for vesting title to said invention and improvements, and all applications for patents and all patents on said invention and improvements, in Assignee, its successors, assigns and legal representatives.

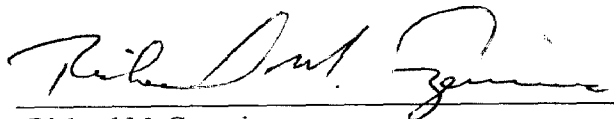
The undersigned represents and warrants to Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Application for U.S. Patent entitled **FACILITATING DIGITAL SUBSCRIBER LINE SERVICES VIA A SUBSCRIBER PREMISE NETWORK INTERFACE DEVICE** which:

- Has been executed by the undersigned on \_\_\_\_\_, \_\_\_\_\_
- Has been executed by the undersigned concurrently herewith,
- Which was filed on \_\_\_\_\_, \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_

IN TESTIMONY WHEREOF, I have duly executed this Assignment on the date indicated below:

Signature:



Richard M. Czerwiec  
1812 Bonhibee Court  
Raleigh, NC 27612

Date:

4/24/02

*BP*  
STATE OF Wake NC §  
COUNTY OF Wake §

BEFORE ME, the undersigned authority, on this 24<sup>th</sup> day of April, 2002, personally appeared Richard M. Czerwiec known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 24<sup>th</sup> day of April, 2002.

Betty C. Pleasants  
Notary Public

Signature: Richard H. Bailey  
Richard H. Bailey  
7822 Vauxhill Drive  
Raleigh, NC 27615

Date: 4-24-02

*BP*  
STATE OF Wake NC §  
COUNTY OF Wake §

BEFORE ME, the undersigned authority, on this 24<sup>th</sup> day of April, 2002, personally appeared Richard H. Bailey known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 24<sup>th</sup> day of April, 2002.

Betty C. Pleasants  
Notary Public

Signature: Richard R. Rzonca  
Richard R. Rzonca  
2604 Hawtree Drive  
Raleigh, NC 27613

Date: April 24, 2002

*BP*  
STATE OF Wo NC §  
COUNTY OF Wake §

BEFORE ME, the undersigned authority, on this 24<sup>th</sup> day of April, 2002, personally appeared Richard R. Rzonca known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 24<sup>th</sup> day of April, 2002.

Betty C. Pleasants  
Notary Public

Signature: Gus C. Sanders, Jr.  
Gus C. Sanders, Jr.  
2432 Village Grove Road  
Raleigh, NC 27613

Date: 4/24/02

STATE OF NC §

COUNTY OF WAKE §

BEFORE ME, the undersigned authority, on this 24<sup>th</sup> day of April, 2002, personally appeared Gus C. Sanders, Jr. known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 24<sup>th</sup> day of April, 2002.

Betty C. Pleasant  
Notary Public

Signature: Randall B. Sharpe  
Randall B. Sharpe  
2727 Quailview Drive  
Chapel Hill, NC 27516

Date: 4/24/02

STATE OF NC §

COUNTY OF WAKE §

BEFORE ME, the undersigned authority, on this 24<sup>th</sup> day of April, 2002, personally appeared Randall B. Sharpe known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 24<sup>th</sup> day of April, 2002.

Betty C. Pleasant  
Notary Public

Signature: Joseph E. Sutherland  
Joseph E. Sutherland  
5405 Thayer Dr.  
Raleigh, NC 27612

Date: 4/24/02

STATE OF NC §

COUNTY OF Wake §

BEFORE ME, the undersigned authority, on this 24<sup>th</sup> day of April, 2002, personally appeared Joseph E. Sutherland known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 24<sup>th</sup> day of April, 2002.

Betty C. Pleasant  
Notary Public