## 503813728 05/05/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3860376

NATURE OF CONVE	SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PART	Υ ΟΑΤΑ				
		Name	E	xecution Date	
ALCATEL-LUCENT	CANADA INC.		05	/03/2016	
RECEIVING PARTY	' DATA				
Name:	ALCATEL LUCENT				
Street Address:	148/152	148/152 ROUTE DE LA REINE			
City:	BOULOG	BOULOGNE-BIILLANCOURT			
State/Country:	ntry: FRANCE				
Postal Code:	92100	92100			
PROPERTY NUMBE	ERS Total: 1				
Property Type		Number			
Application Numbe	e <b>r:</b> 14	717681			
	<b>r, if provided;</b> 1 90 na <b>ne:</b> D6 60	he e-mail address first; if tha if that is unsuccessful, it will 08-582-7109 arpatent@nokia.com OCKET ADMINISTRATOR 00-700 MOUNTAIN AVENUE OOM 3B-212F		will be sent	
Correspondence w using a fax number Phone: Email: Correspondent Nar Address Line 1:	<b>r, if provided;</b> 1 90 na m <b>e:</b> D0 60 R0	<b>if that is unsuccessful, it wil</b> 08-582-7109 arpatent@nokia.com OCKET ADMINISTRATOR 00-700 MOUNTAIN AVENUE	l be sent via US Mail.	will be sent	
Correspondence w using a fax number Phone: Email: Correspondent Nar Address Line 1: Address Line 2: Address Line 4:	<b>r, if provided;</b> 1 90 na m <b>e:</b> D6 60 R6 M	<i>if that is unsuccessful, it wil</i> 08-582-7109 arpatent@nokia.com OCKET ADMINISTRATOR 00-700 MOUNTAIN AVENUE OOM 3B-212F	l be sent via US Mail.	will be sent	
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## ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Alcatel-Lucent Canada Inc., a corporation established and existing under the laws of Canada, and having its principal place of business at 600 March Road, Ottawa, Ontario, K2K 2E6, Canada ("Assignor") does hereby sell, assign, transfer and convey, subject to any existing rights, licenses and/or obligations of or to third parties, unto **Alcatel Lucent**, a corporation established and existing under the laws of France and having its principal place of business at 148/152 Route de la Reine, 92100 Boulogne-Billancourt, France ("Assignee"), all of Assignor's right, title and interest, for all countries, jurisdictions and political entities of the world, in and to any and all of the following (collectively, "Rights"):

(a) The invention or inventions (collectively, "Inventions") described in

Invention Docket Reference Number	Title	Inventor(s)
	Policy Based Cryptographic Key	RAJSIC, Carl
817550	Distribution For Network Group	PAIDA, Rajesh Kumar
	Encryption	ROKUI, Reza Mohammad

and all the Intellectual Property rights and privileges under any and all forms of protection, including:

(b) The patent application(s) filed with respect to said Invention(s)

14/717681 filed in United States of America on 20 May 2015

and patent applications or other applications that may be filed for protection including, without limitation, applications for certificates of invention, utility models, industrial design protection, design patent protection, and provisional patent applications wherever filed, with respect to the Inventions, (collectively, "Applications") including all rights to file and prosecute such Applications directly in the name of Assignee;

- (c) All patents including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, that may be granted, registered, or issued with respect to the Inventions or the Applications (collectively, "Patents");
- (d) All reissues, requests for continuing examinations, re-examinations, extensions, continuations, continuing prosecution applications, divisions, or registrations of, any item in any of the foregoing categories (b) or (c);
- (e) The right to claim priority rights deriving or arising from any of the foregoing categories (b),
  (c) or (d) and for Assignee to otherwise avail itself of the provisions of the international conventions governing the protection of inventions;
- (f) All causes of action and enforcement rights related to any of the foregoing categories (a),
  (b), (c) or (d) (including, without limitation, the right to sue and to pursue damages, injunctive relief, or other remedies for past, present, or future infringement, misappropriation, or violation of rights related thereto);

PATENT REEL: 038477 FRAME: 0643

- (g) All rights to license and to collect royalties and other payments under or on account of any of the foregoing categories (a), (b), (c) or (d); and
- (h) Any and all other rights and interests arising out of, in connection with, or in relation to any of the foregoing categories (a), (b), (c) or (d),

with respect to which, and to the extent to which, Assignor had or has acquired the right to so sell, assign, convey, transfer and deliver.

Assignor requests the respective patent office or governmental agency in each jurisdiction to grant or issue any and all letters patents, certificates of invention, utility models or other governmental or inter-governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the Assignee to the Assignor's entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors or assigns, and anyone properly designated by them and will be binding upon Assignor, its successors or assigns, and anyone properly designated by them.

**IN WITNESS WHEREOF**, each of the Parties has caused this Assignment to be executed by its duly authorized representatives on the respective dates entered below.

ASSIGNOR:

ALCATEL-LUCENT CANADA INC. 8v:

John Granchelli Namés

Title: Senior IP Corporate Counsel & Cluster Lead

<u>MRI 3,2016</u> Date:

ASSIGNEE:

ALCATEL LUCENT

Name: Bernard Zucker

Title: Vice President, Law Services

Date: \_\_\_\_\_\_5, 2016