

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5536902

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NOKIA CANADA INC. (FORMERLY ALCATEL-LUCENT CANADA INC.)	05/21/2019
RECEIVING PARTY DATA	
Name:	ALCATEL LUCENT
Street Address:	SITE DE NOKIA PARIS-SACLAY
Internal Address:	ROUTE DE VILLEJUST
City:	NOZAY
State/Country:	FRANCE
Postal Code:	91620
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15605749
PCT Number:	US2018034543
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	mary.poremba@nokia.com
Correspondent Name:	MARY T. POREMBA
Address Line 1:	600-700 MOUNTAIN AVENUE
Address Line 2:	ROOM 6E-210
Address Line 4:	MURRAY HUIILL, NEW JERSEY 07974-0636
ATTORNEY DOCKET NUMBER:	NC820239 - MTP
NAME OF SUBMITTER:	NIRAJ A. DESAI
SIGNATURE:	/Niraj A. Desai/
DATE SIGNED:	05/23/2019
Total Attachments: 2	
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ASSIGNMENT

Nokia Canada Inc. (formerly 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 Site de Nokia Paris-Saclay, Route de Villejust, 91620 Nozay, 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)
820239	Method And Apparatus For Minimum Label Bandwidth Guaranteed Path For Segment Routing	HAO, Fang KODIALAM, Muralidharan LAKSHAM, T. REZAAIFAR, Ehsan

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)

15/605749 filed in United States of America on 25 May 2017

PCT/US2018/034543 filed in the United States Receiving Office on 25 May 2018

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);

- (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:

Nokia Canada Inc. (formerly Alcatel-Lucent Canada Inc.)

By: [Signature]

Name: John Granchelli

Title: Technology Area Lead

Date: MAY 21, 2019

ASSIGNEE:

Alcatel Lucent

By: [Signature]

Name: Emanuelle Weller

Title: Director Patents

Date: May 23, 2019

ASSIGNEE:

Alcatel Lucent

By: [Signature]

Name: Domenico Mantelli

Title: Senior Corporate IP Counsel

Date: May 22, 2019