

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6831041

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	08/31/2012
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TING WO CHUNG	06/22/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BCE INC.
<b>Street Address:</b>	1 CARREFOUR ALEXANDER-GRAHAM-BELL
<b>Internal Address:</b>	TOUR A7
<b>City:</b>	VERDUN
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	H3E 3B3
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15845332
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	08932655USCON
<b>NAME OF SUBMITTER:</b>	JOHN HARRIS
<b>SIGNATURE:</b>	/john harris/
<b>DATE SIGNED:</b>	07/26/2021
<b>Total Attachments: 2</b>	
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**CONFIRMATORY ASSIGNMENT**

WHEREAS, CHUNG, Ting Wo, citizen of Canada, residing at 49 Bellrock Drive , Scarborough, Ontario, M1V 2V8, hereinafter referred to as the "Assignor", has made an invention as described and claimed in the following patent applications, hereinafter referred to as the "Applications":

Title	Filing Date	Country/Region or PCT	Serial Number
IP MPLS POP VIRTUALIZATION	August 31, 2012	U.S.	61/695,841
IP MPLS POP VIRTUALIZATION AND FAULT TOLERANT VIRTUAL ROUTER	August 30, 2013	PCT	PCT/CA2013/000756
IP MPLS POP VIRTUALIZATION AND FAULT TOLERANT VIRTUAL ROUTER	February 27, 2015	CANADA	2,883,659
IP MPLS POP VIRTUALIZATION AND FAULT TOLERANT VIRTUAL ROUTER	March 2, 2015	U.S.	14/425,092

AND WHEREAS, BCE INC., whose full post office address is 1 Carrefour Alexander-Graham-Bell, Tour A7, Verdun, Quebec, H3E 3B3, (hereinafter referred to as the "Assignee"), is desirous of confirming acquisition of the entire right, title, and interest in and to the invention, and in and to the Applications inclusive of any continuations or divisions thereof and all priority rights derived therefrom, for any and all countries in the world, and in and to any and all corresponding patent applications and any continuations or divisions thereof filed in any and all countries in the world, and in and to any and all patents issuing in any and all countries of the world, to be granted for the invention based on the Applications or on corresponding patent applications;

NOW, THEREFORE, in consideration of the sum of ten Canadian dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby confirms having sold, assigned and transferred to the Assignee, its successors and assigns, its entire right, title, and interest in and to the invention, and in and to the Applications inclusive of any continuations or divisions thereof and all priority rights derived therefrom, and in and to any and all corresponding patent applications and any continuations or divisions thereof filed in any and all countries in the world, and in and to any and all patents which may be granted for the invention in any and all countries in the world, and in and to any and all reissues, substitutions, or prolongations thereof; the same to be held and enjoyed by the Assignee for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which the patent, or reissues, substitutions or prolongations thereof may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor had no sale, assignment or transfer been made;

AND the Assignor hereby agrees, upon request, and without further consideration, but at the expense of the Assignee, to communicate to the Assignee or its representatives or nominees any facts known to it respecting the invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention in all countries, and the Assignor further agrees to execute any and all further papers which may be necessary or desirable to vest or perfect the title of the Assignee, its successors and assigns, in and to the invention, and in and to any and all patents, or

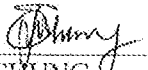
reissues, substitutions or prolongations thereof, which may be granted for the invention in any and all countries in the world;

AND the Assignor hereby authorizes and requests any official whose duty it is to issue patents to issue each and every patent to be granted for the invention in any and all countries, and each and every reissue, substitution or prolongation of such patent, to the Assignee, its successors and assigns;

AND the Assignor hereby authorizes the firm of SMART & BIGGAR whose full post office address is 1000 De La Gauchetière West, Suite 3300, Montreal, Quebec, H3B 4W5, CANADA to correct clerical errors in the Assignment or to insert any further identification or other information necessary or desirable to make the Assignment suitable for recordal at the Canadian Intellectual Property Office or the United States Patent and Trademark Office;

THIS Assignment is made effective as of August 31, 2012.

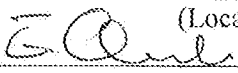
SIGNED this 22 day of June, 2015

  
Ting Wo CHUNG

**DECLARATION OF WITNESS**

I, Erone Guelc, whose full postal address is 76 Adelaide St. West Toronto M5H1P6, hereby declare that I was personally present and did see Ting Wo CHUNG, who is personally known to me to be the person named in this Assignment, sign and execute same.

Declared at 22 Toronto, this 22 day of June, 2015.

  
(Locality)  
Witness signature