504965442 06/18/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5012188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMIL CHAWKI	09/13/2017
RENÉ ROBERT	09/13/2017

RECEIVING PARTY DATA

Name:	ORANGE
Street Address:	78 RUE OLIVIER DE SERRES
City:	PARIS
State/Country:	FRANCE
Postal Code:	75015

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15538864	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	FTSA.285APC
NAME OF SUBMITTER:	DEREK C. DAILEY
SIGNATURE:	/Derek C. Dailey/
DATE SIGNED:	06/18/2018

Total Attachments: 3

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PATENT 504965442 REEL: 046123 FRAME: 0328

Application No.: 15/538,864 Filing Date: June 22, 2017

Docket Number: FTSA,285APC

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ASSIGNMENT

WHEREAS, Jamil Chawki, residing in Lannion, France, and René Robert, residing in Rospez, France, (individuals hereinafter "ASSIGNOR"), invented certain new and useful improvements, technology, inventions, developments, ideas, omamental design or discoveries related to SYSTEM FOR GENERATING A VIRTUALIZED NETWORK FUNCTION (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, ORANGE, a Corporation, having an address at 78 rue Olivier de Serres, Paris 75015, France (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

PATENT REEL: 046123 FRAME: 0329

Application No.: 15/538,8 Filing Date: June 22, 201		Docke	t Number:	Page 2 of 3
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Legal Name of inventor:	Jamil Chawki			
Inventor Signature:	<u> </u>	Date:	<u>13/0</u>	1/2017
	Witnessed by:	Eric Debeau		SALA.
1	Witness Name (printed):	ERIC DE	BC A	<u> </u>

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Legal Name of inventor: René Robert Inventor Signature:	Date: 13/09/2017
Witnessed by:	
Witness Name (printed): <u>モドコ</u> ク	DÉREAU

PATENT REEL: 046123 FRAME: 0331

RECORDED: 06/18/2018