

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5307985

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|---|---|
| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the SIGNATURE DATE OF INVENTOR previously recorded on Reel 047835 Frame 0318. Assignor(s) hereby confirms the SIGNATURE DATE OF PHILIPPE BERTIN TO BE OCTOBER 8, 2018. |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| YUE LI | 10/18/2018 |
| PHILIPPE BERTIN | 10/08/2018 |
| YASSINE HADJADJAOL | 10/12/2018 |
| RECEIVING PARTY DATA | |
| Name: | ORANGE |
| Street Address: | 78, RUE OLIVIER DE SERRES |
| City: | PARIS |
| State/Country: | FRANCE |
| Postal Code: | 75015 |
| Name: | UNIVERSITE DE RENNES 1 |
| Street Address: | 2 RUE DU THABOR |
| City: | CS 46510, RENNES CEDEX |
| State/Country: | FRANCE |
| Postal Code: | 35065 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16090412 |
| CORRESPONDENCE DATA | |
| Fax Number: | (612)334-3312 |
| <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> | |
| Phone: | 6123343222 |
| Email: | dedminster@wck.com |
| Correspondent Name: | DAVID D. BRUSH |
| Address Line 1: | 900 SECOND AVENUE SOUTH |
| Address Line 2: | SUITE 1400 |
| Address Line 4: | MINNEAPOLIS, MINNESOTA 55402 |

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|---|------------------|
| ATTORNEY DOCKET NUMBER: | O062.0001US1 |
| NAME OF SUBMITTER: | DAVID D. BRUSH |
| SIGNATURE: | /David D. Brush/ |
| DATE SIGNED: | 01/03/2019 |
| Total Attachments: 6 source=2019-01-03_Corrective-Assignment_R28000US#page1.tif source=2019-01-03_Corrective-Assignment_R28000US#page2.tif source=2019-01-03_Corrective-Assignment_R28000US#page3.tif source=2019-01-03_Corrective-Assignment_R28000US#page4.tif source=2019-01-03_Corrective-Assignment_R28000US#page5.tif source=2019-01-03_Corrective-Assignment_R28000US#page6.tif | |



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 21, 2018

PTAS

DAVID D. BRUSH
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MINNEAPOLIS, MN 55402

505248314

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/20/2018

REEL/FRAME: 047835/0318
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 0062.0001US1

ASSIGNOR:
LI, YUE

DOC DATE: 10/18/2018

ASSIGNOR:
BERTIN, PHILIPPE

DOC DATE: ~~10/18/2018~~ 10/08/2018

ASSIGNOR:
HADJADJAOU, YASSINE

DOC DATE: 10/12/2018

ASSIGNEE:
ORANGE
78, RUE OLIVIER DE SERRES
PARIS, FRANCE 75015

ASSIGNEE:
UNIVERSITE DE RENNES 1
2 RUE DU THABOR
CS 46510 RENNES, FRANCE 35065

APPLICATION NUMBER: 16090412

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD FOR OPTIMIZING THE THROUGHPUT OF MULTIMEDIA CONTENTS
ACCESSIBLE BY AT LEAST ONE USER TERMINAL, CORRESPONDING COMPUTER
PROGRAM PRODUCT AND MANAGEMENT DEVICE

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5295094

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|---|------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| YUE LI | 10/18/2018 |
| PHILIPPE BERTIN | 10/18/2018 |
| YASSINE HADJADJAOL | 10/12/2018 |
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| Email: | dedminster@wck.com |
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| Address Line 2: | SUITE 1400 |
| Address Line 4: | MINNEAPOLIS, MINNESOTA 55402 |
| ATTORNEY DOCKET NUMBER: | O062.0001US1 |
| NAME OF SUBMITTER: | DAVID D. BRUSH |

ASSIGNMENT-DECLARATION

FOR PRIORITY APPLICATION ENTERING UNITED STATES

Attorney Docket No.

0062.0001US1

SPECIFICATION AND INVENTORSHIP IDENTIFICATION

This assignment-declaration is directed to the subject matter which is claimed in the application entitled "METHOD FOR OPTIMIZING THE THROUGHPUT OF MULTIMEDIA CONTENTS ACCESSIBLE BY AT LEAST ONE USER TERMINAL, CORRESPONDING COMPUTER PROGRAM PRODUCT AND MANAGEMENT DEVICE", the specification of which having the above title and/or attorney docket number.

_____ is attached hereto, or as previously filed with the USPTO,
X was filed on October 1, 2018 as Appln. No. _____,
_____ was amended on _____, and/or
X based on French Patent Application No. 1652901, filed on April 1, 2016;
X was described and claimed in PCT International Application No. PCT/EP2017/057677 filed on March 31, 2017 and as amended with any Preliminary Amendment filed with National Stage entry.

A. ASSIGNMENT

WHEREAS, the following ASSIGNEES,

- (1) ORANGE, a company organized and existing under the laws of France, and having offices at 78, rue Olivier de Serres, 75015 Paris, France, and
- (2) UNIVERSITE DE RENNES 1, a university organized and existing under the laws of France, and having offices at 2 rue du Thabor -- CS 46510, 35065 Rennes Cedex, France,

are desirous of acquiring the entire right, title and interest in and to the above-identified invention(s), the application(s) and any and all Letters Patent(s) or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention(s), the above-identified application(s), any provisional to which the benefit is claimed, all inventions and improvements which are disclosed in the patent applications, all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent(s) which have been or shall be filed in the United States on any of said inventions and/or improvements, all rights of priority resulting from the filing of the above-identified patent application(s), and all Letters Patent or similar legal protection issuing thereon; and I authorize the Director of the United States Patent and Trademark Office to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

ASSIGNMENT-DECLARATION

FOR PRIORITY APPLICATION ENTERING UNITED STATES

Attorney Docket No.

0062.0001US1

B. DECLARATION

AUTHORIZATION TO PERMIT ACCESS TO APPLICATION BY PARTICIPATING OFFICE

☒ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

If the above-identified application is to be or was filed on or after September 16, 2012:

I declare that the above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

If the above-identified application was filed before September 16, 2012:

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed, and for which a patent is sought, on the subject matter which is claimed in the above-identified application.

I declare that all statements made herein that are of my own knowledge are true and that all statements that are made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DESIGNATION OF CORRESPONDENCE ADDRESS

Please address all correspondence and telephone calls to David D. Brush in care of:

Customer Number

27367

ASSIGNMENT-DECLARATION

FOR PRIORITY APPLICATION ENTERING UNITED STATES

Attorney Docket No.

0062.0001US1

Signature of Inventor (1)

Date : 18/10/2018

Yue Li

Printed Name of Inventor

Residence of Inventor:

36 rue Raspail Batiment B

2 rue de la Chapelle 94200

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France

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Signature of Witness

Date : 18/10/2018

Abdulkarim DANDOUH

Printed Name of Witness

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Signature of Inventor (2)

Date : 08/10/2018

Philippe Bertin

Printed Name of Inventor

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Date : 08/10/2018

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Residence of Witness:

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FRANCE

Signature of Inventor (3)

Date : 12/10/2018

Yassine Hadjadjoul

Printed Name of Inventor

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Signature of Witness

Date : 12/10/2018

Moujib Ouazzif

Printed Name of Witness

Residence of Witness:

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