## 505752753 11/01/2019

# PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

| Name            | Execution Date |
|-----------------|----------------|
| JURGEN STAUDER  | 05/14/2018     |
| PHILIPPE ROBERT | 05/14/2018     |
| SYLVAIN DUCHENE | 05/04/2018     |

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#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15987685 |

#### **CORRESPONDENCE DATA**

Fax Number:

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| ATTORNEY DOCKET NUMBER: 2017P00038 US               |                         |
|---|-------------------------|
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| SIGNATURE: /Patricia A. Verlangieri, Reg.No. 42201/ |                         |
| DATE SIGNED:  | 11/01/2019              |

## **Total Attachments: 3**

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PATENT 505752753 REEL: 050887 FRAME: 0023

2<sup>nd</sup> Witness

(Type or Print)

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on

# METHOD AND DEVICE FOR DETERMINING A CHARACTERISTIC OF A DISPLAY DEVICE

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|--|--|--|--|---|---|
| the specification of w   | hich was filed on  |  | as Application Se  | rial No.  | and was amended on  |
| The above-ider I have reviewed referred to above. I acknowledge part applications, ma international filing da I hereby declare are believed to be tru are punishable by fin  ASSI For valuable   | the duty to disclose informatited and understand the content the duty to disclose informatited information which becaute of the continuation-in-partie that all statements made hue; and further that these state or imprisonment of not mo  | or authorized to be made is of the above identified on which is material to pay the available between the application. Between the application of my own knowledgements were made with rethan five (5) years, or in the application of the applic | a by thing data and sity me, specification, including atentability as define the filling date of the program of the knowledge that the knowledge that the thin, under 18 USC IPPLICATION I   | erial number, is attached hereto.  Ing the claims, as amended by an identification and the national of all statements made on informational identification.  FOR LETTERS PATENT Licensing, a corporation duly of the corporation of the instance.   | ny amendment continuation-in- on and belief te so made  |
| inventions, including granted therefor, and I agree that, make all rightful deciforms of protection f nominees.  I agree that I requested by said of   | India and the United States<br>I any divisions, continuations<br>when requested, I will, with<br>arations and do all acts which<br>or said inventions in any ar<br>will communicate to said co-<br>orporation and at its expen-  | of America, and all the interest of the company of  | rights and privileges<br>s thereof,<br>oration but at its ex<br>sirable or convenien<br>vesting title thereto i<br>tatives any facts kno<br>at proceedings, and  | title and interest, for all countries<br>under any and all Letters Paten<br>pense, sign all papers, take all it<br>for securing and maintaining pain said corporation, its successor<br>with the me respecting said invention<br>generally do everything possible<br>proper protection for said inventions.   | it that may be rightful oaths, stents or other rs, assigns or one and when the to aid said                              |
| I authorize a protection for said interfer patent or other for Convention for the Finvoke and claim such the Finvoke and claim such its successors, assigned the right of priority protection in the protection of the protection in the protection of the protection in the protection in the protection is an interference in the protection i | ventions in its or their own name of protection for said in<br>frotection of Industrial Prope<br>th right of priority without furt<br>sent that a copy of this assig<br>ich may be required in any count or nominees to apply for<br>provided by the Internationa<br>to be substituted for it. | ame, or in my/our name, inventions filed by it or the arthur, as amended, or by the arthur, as amended, or or all authorinament shall be deemed abountry for any purpose a patent or other proper processors, assigns, legal   | in any and all country, the benefit of the action which is a suffer and form and more particularly rotection of Industrial if representatives, and Incorporate it representatives, and Incorporate it representatives, and Incorporate it representatives, and Incorporate it representatives. | make application for patent or<br>ies and to invoke and claim for ar<br>a right of priority provided by the<br>h may henceforth be substituted<br>all equivalent of any assignment, or<br>in proof of the right of the said or<br>entions, and to claim the aforese<br>Property, as amended, or by and<br>d nominees, that to the best of<br>and that I have full right to convey | ny application International I for it, and to consent to file corporation or aid benefits of ny convention ny knowledge |
| Signed at  | <u> </u>   |  | Date   | <u> </u>  |   |
| Inventor   |  |  |  | 1//2.2%   |   |
| Name   | JURGEN STAUDER   |  |  |   | ****  |
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| 1 <sup>st</sup> Witness  | Lauis Chey   | <u> </u>   |  | S (Salasa) iso ar Full - No Ir  | nitiale)  |

**PATENT** REEL: 050887 FRAME: 0024

(ເລີເຊກສາມre in Full – No Initials)

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

## METHOD AND DEVICE FOR DETERMINING A CHARACTERISTIC OF A DISPLAY DEVICE

| the specification of  | which was filed on  | B5 Application Serial No. and was amended on   |
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|   | entified application was made or author   |  |
| referred to above:  | eo and understand the coments of the  | e above identified specification, including the claims, as amended by any amendment  |
| l acknowledg<br>part applications, n  | naterial information which became avai  | ch is material to patentability as defined in 37 CFR 1.56, including for continuation-in-<br>allable between the filing date of the prior application and the national or PCT  |
|   | date of the continuation-in-part applicati  | ation.<br>If my own knowledge are true and that all statements made on information and belief  |
| are believed to be  | true; and further that these statements   | is were made with the knowledge that willful laise statements and the like so made if five (5) years, or both, under 18 USC 1001.  |
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|   | nd any divisions, continuations, reissue  |  |
| make all rightful de<br>forms of protection                                     | eclarations and do all acts which may b   | narge to said corporation but at its expense, sign all papers, take all rightful oaths,<br>be necessary, desirable or convenient for securing and maintaining patents or other<br>countries and for vesting title thereto in said corporation, its successors, assigns or  |
| nominees.   | at I will communicate to said corporation   | on or its representatives any facts known to me respecting said inventions and when  |
| requested by said   | corporation and at its expense will to  | testify in any legal proceedings, and generally do everything possible to aid said tatives or nominees, to obtain or enforce proper protection for said inventions in any  |
| I authorize<br>protection for said<br>for patent or other<br>Convention for the | inventions in its or their own name, or it form of protection for said inventions | successors, assigns or nominees, to make application for patent or other form of r in my/our name, in any and all countries and to invoke and claim for any application is filed by it or them, the benefit of the right of priority provided by the international amended, or by any convention which may henceforth be substituted for it, and to the or oral authorization from me.   |
| or like document w<br>its successors, ass<br>the right of priority              | which may be required in any country for signs or nominees to apply for patent of | shall be deemed a full legal and formal equivalent of any assignment, consent to file for any purpose and more particularly in proof of the right of the said corporation or or other proper protection for said inventions, and to claim the aforesaid benefits of ention for the Protection of Industrial Property, as amended, or by any convention   |
| I covenant  | with Thomson Licensing, its successo  | sors, assigns, legal representatives, and nominees, that to the best of my knowledge<br>free and clear of any encumbrance, and that I have full right to convey the same as  |
| Signed at   | Cesson-Sévi   | igné Date 14 May 2018  |
| Inventor  | :   | (*) M  |
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| France  |   |  |
| 1 <sup>st</sup> Witness   | Eabler SERVAL   | MT WEST AND THE STATE OF THE ST |
| 2 <sup>nd</sup> Witness   | (Type or Print)   | (Signature in Full – No Initials)  |
| F 44M1000   | (Type or Print)   | (Signature in Full – No Initials)  |

Customer No. 24498

DECLARATION

Docket No.PF170046

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on

# METHOD AND DEVICE FOR DETERMINING A CHARACTERISTIC OF A DISPLAY DEVICE

| the specification of   | of which was filed on  |   | ation Serial No. and was amen  | ded on |
|--|--|---|--|--------|
| The above-in   | dentified application was made or authorized   | to be made by me.   | te and serial number, is attached hereto.  |        |
| I have review<br>referred to above.  | wed and understand the contents of the above .   | e identified specification  | , including the claims, as amended by any amendment  |        |
| l acknowleds<br>part applications,<br>international filing   | ge the duty to disclose information which is m<br>material information which became available<br>date of the continuation-in-part application  | between the filing date   | s defined in 37 CFR 1.56, including for continuation-in-<br>of the prior application and the national or PCT   |        |
| are pelleved to be   | lare that all statements made herein of my or<br>true; and further that these statements were<br>fine or imprisorment of not more than five (§   | made with the knowledg  | and that all statements made on information and belief<br>ge that wilful false statements and the like so made<br>18 USC 1001,   |        |
| A8   | Bionwent and Agreement :   | in an applicat  | ion for letters patent   |        |
| inventions, includi<br>granted therefor, a   | laws of the country of France, its successoring India and the United States of America, and any divisions, continuations, reissues and   | s, and assigns my entire<br>and all the rights and pr<br>d extensions thereof   | homson Licensing, a corporation duty organized and<br>e right, title and interest, for all countries in and to said<br>invillages under any and all Letters Patent that may be   |        |
| make an rightful di<br>forms of protection<br>nominees.  | eclarations and do all acts which may be ner<br>in for said inventions in any and all countrie   | cessary, destrable or cores and for vesting title the   | at its expense, sign all papers, take all rightful oaths,<br>nvenient for securing and maintaining patents or other<br>hereto in said corporation, its successors, assigns or  |        |
| requested by sain<br>corporation, its su<br>and all countries.   | a corporation and at its expense will testify incressors, assigns and legal representatives  | in any legal proceeding<br>or nominees, to obtain o   | acts known to me respecting said inventions and when<br>gs, and generally do everything possible to aid said<br>or enforce proper protection for said inventions in any  |        |
| printed in the sauther content or patent or other Convention for the invoke and claim; a hereby cor like document visuocessors, as the right of priorit which may hencef | Inventions in its of their own name, or in my<br>inform of protection for said inventions filed<br>a Protection of Industrial Property, as amend<br>such fight of priority without further written or<br>onsent that a copy of this assignment shall be<br>which may be required in any country for any<br>signs or nominees to apply for patent or othe<br>y provided by the International Convention<br>forth be substituted for it. | four name, in any and al<br>by it or them, the benet<br>ded, or by any conventi-<br>cral authorization from n-<br>e deemed a full legal and<br>purpose and make sam<br>or proper protection for it<br>for the Protection of the | id formal equivalent of any assignment, consent to file<br>ficularly in proof of the right of the said corporation or<br>said inventions, and to daim the aforesaid benefits of<br>dustrial Property, as amended, or by any convention |        |
| I covenant<br>the right, title and<br>herein expressed.  | interest herein conveyed by me are free and  | signs, legal representati<br>d clear of any encumbra  | ives, and nominees, that to the best of my knowledge<br>ance, and that I have full right to convey the same as   |        |
| Signed at  | RENES  | Date  | itlain 2018  |        |
| Inventor   |  |   |  |        |
| Name   | SYLVAIN DUCHENE  |   |  |        |
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| France   |  |   |  |        |
| 1ª Witness   | Le Minave Ni<br>(Type or Print)  | sky   | (Signature in Full – No Initials)  |        |
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(Signature in Full - No Initials)

**RECORDED: 11/01/2019**