505919118 02/15/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPH NEUMANN	02/22/2018
ANNE LAMBERT	02/22/2018
PASCAL LE GUYADEC	02/22/2018
THIERRY FILOCHE	02/22/2018

RECEIVING PARTY DATA

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Street Address:	1 RUE JEANNE D'ARC
City:	ISSY LES MOULINEAUX
State/Country:	FRANCE
Postal Code:	92130

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15926956

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER:	2017P00003 US	
NAME OF SUBMITTER:	PATRICIA A. VERLANGIERI	
SIGNATURE:	/Patricia A. Verlangieri, Reg.No. 42201/	
DATE SIGNED:	02/15/2020	

Total Attachments: 5

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PATENT 505919118 REEL: 051827 FRAME: 0732

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PATENT REEL: 051827 FRAME: 0733

DECLARATION

Docket No. PF170004_US-NP.

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 Device and method for forwarding connections and was amended on as Application Serial No. the specification of which was filed on , or, if not identified here by filing date and serial number, is attached hereto. The above-identified application was made or authorized to be made by me. I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment Lacknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-inpart applications, material information which became available between the filling date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby declare that all statements made herein of my own knowledge are true and that all statements 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

assignment and agreement in an application for letters patent

are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 USC 1001.

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, including India and the United States of America, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or

Lagree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for its

I covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	Coma Sévigne Date	22/02/08
Inventor Name	Christoph NEUMANN (Type or Print)	(Signature in Full – No Initials)
Post Office Address	Technicolor R&D France – 975 avenue des CI CS 176 16 - 35576 CESSON SÉVIGNÉ - FRANCE	
1 st Wi i ness	TWIN LE NORPOR (Type or Print)	(Signatureda Full – No Initials)
2 nd Witness	JEAN LOWAU VIGOULOUX (Type or Print)	(Signature in Full – No Initials)

Customer No. 24498

DECLARATION

Docket No. PF170004_() + 10 ·

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

Device and method for forwarding connections and was amended on the specification of which was filed on as Application Serial No. , or, if not identified here by filing date and serial number, is attached hereto.

The above-identified application was made or authorized to be made by me.

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

Lacknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-inpart 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 application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements 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 of not more than five (5) years, or both, under 18 USC 1001.

assignment and agreement in an application for letters patent

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Lagree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful paths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any tacts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	Canon zondine	Date <u>₹1-0 (o 2. / 2.51X</u>
Inventor Name	Anne LAMBERT (Type or Print)	(Signature in Full – No Initials)
Post Office Address	Technicolor R&D France – 975 aven CS 176 16 - 35576 CESSON SÉVIGNÉ	ue des Champs Blancs - ZAC des Champs Blancs - - FRANCE
1 st Witness	Mane GUÉGAN (Type or Print)	/Sugnature in Full No initials)
2 nd Witness	CHRISTOPHER HOUSON	(Signature in Full – No Initials)

PATENT REEL: 051827 FRAME: 0735 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

is sought on the invention entitled			
Device and method for forwarding connections			
the specification of which was filed on	as Application Serial No.	and was amended on	
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The above-identified application was made or authorize	d to be made by me.		

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I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 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 application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements 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 of not more than five (5) years, or both, under 18 USC 1001

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, including India and the United States of America, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

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I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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Signed at	Cesson Cevique	Date	22/02/2018
Inventor Name	Pascal LE GUYADEC		
Step and Hall and H	(Type or Print)		(Signature in Full - No Initials)

Post Office

Customer No. 24498

DECLARATION

Docket No. PF170004

Address

Technicolor R&D France - 975 avenue des Champs Blancs - ZAC des Champs Blancs - CS 176 16 - 35576 CESSON SÉVIGNÉ - FRANCE

1st Witness

JEAN GONAN VIGOUROUX

(Type or Print)

(Signature in Full - No Initials)

2nd Witness

EMAN LE MERROJO

(Type or Print)

(Signature in [a] - No Initials)

PATENT REEL: 051827 FRAME: 0737

DECLARATION

Docket No. PF170004 TUS-NP

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the invention entitled		
Device and method for forwardin	g connections	
the specification of which was filed on	as Application Serial No.	and was amended or
	, or, if not identified here by filing date and serial num	ber, is attached hereto.
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Signed at	Cesson Leve que	Date 22/02/2018
Inventor Name	Thierry FILOCHE (Type or Print)	(Storature in Full No Initials)
Post Office Address	Technicolor R&D France – 975 avenue (CS 176 16 - 35576 CESSON SÉVIGNÉ - FR	des Champs Blancs - ZAC des Champs Blancs RANCE
1 st Witness	Anthony PESIN (Type of Print)	(Signature o Full – No Initials)
2 nd Witness	Grid QuivQuis (Type or Print)	(Signature in Full – No Initials)

PATENT REEL: 051827 FRAME: 0738

RECORDED: 02/15/2020