#### 507276994 05/11/2022

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7323915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
IPROVA SÀRL	02/02/2021

### **RECEIVING PARTY DATA**

Name:	NOKIA TECHNOLOGIES OY
Street Address:	KARAKAARI 7
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02610

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

Property Type	Number
Application Number:	17724129

#### **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.

Email: Nokia.IPR@nokia.com

Correspondent Name: NOKIA OF AMERICA CORPORATION

Address Line 1: 600-700 MOUNTAIN AVENUE

Address Line 4: MURRAY HILL, NEW JERSEY 07974-0636

ATTORNEY DOCKET NUMBER:	321982-US-NP	
NAME OF SUBMITTER:	MUKESH KUMAR SRIWASTAVA	
SIGNATURE:	/Mukesh Kumar Sriwastava/	
DATE SIGNED:	05/11/2022	

#### **Total Attachments: 8**

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# INVENTION ASSIGNMENT AGREEMENT

This Invention Assignment Agreement ("Agreement") is made by and between IPROVA SARL, an entity organized under the laws of Switzerland having its registered office at Building I, EPFL Innovation Park, 1015, Lausanne, Switzerland ("Iprova") and NOKIA TECHNOLOGIES OY, a corporation organized under the laws of Finland, having its registered office at Karakaari 7, FI-02610 Espoo, Finland ("Nokia"), together referred to as "Parties"

#### WHEREAS:

(A) Iprova owns an interest in the invention identified below by the inventors' names and the title of the invention or the application number and filing date ("Invention"). The Invention was created in a research/collaboration project ("Project") between Iprova and Nokia Technologies Ltd. The results of the Project are governed by the Overarching Terms, Appendix 1 attached thereto, and the Standard Terms and Conditions attached thereto as Appendix 2 between Iprova and Nokia Technologies Ltd dated 1<sup>st</sup> October 2020 ("collectively referred to as the "Agreement"");

Nokia internal reference: NC321982

Inventors: Christopher John Wright, Harry Michael Cronin, Phil Peter Catton, William

Andrew Schnabel

Title of invention disclosure: NSPC11 - Physical layer video-audio linking

Application Title: METHOD AND APPARATUS FOR PROVIDING VERIFICATION

Application number: EP 21170811.0 Filing date: 2021-04-28

(YYYY-MM-DD)

Iprova hereby authorizes and requests a representative of Nokia to insert the application title, application number and filing date when known/received, even after

the execution of this document.

(B) Nokia desires to acquire Iprova's entire right, title and interest in and to the Invention which Iprova has agreed to assign.

### **NOW THEREFORE IT IS HEREBY AGREED:**

1. The Parties acknowledge and agree that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Iprova hereby assigns, sells,

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transfers and sets over to Nokia and all its successors, assigns and legal representatives the entire right, title and interest (1) in and to the Invention for the United States of America and for all other countries, jurisdictions and political entities of the world, and (2) in and to any and all related inventions ("Related Inventions" as defined below), in accordance with clause clauses 11.1 and 11.2 of Appendix 2 to the Agreement, the Standard Terms and Conditions.

- 2. The Parties hereby acknowledge and agree that Related Inventions include all national, regional and international patent applications filed and to be filed in any and all jurisdictions, that claim priority to the Invention under Paris Convention, said patent applications include all divisionals, continuations, extensions, re-issues, re-examinations, and continuations-in-part applications, and Related Inventions include all rights and privileges in said patent applications and under any and all letters patent that may be granted in the United States of America and in all other countries resulting from said patent applications. Furthermore, Related Inventions include any other applications that may be filed for protection including, without limitation, applications for certificates of invention, utility models, industrial design protection, design patent protection, and provisional patent applications wherever filed, that may be granted, registered, or issued with respect to the Invention.
- 3. Iprova hereby assigns to Nokia all causes of action and enforcement rights related to the Invention and Related Inventions, including, without limitation, the right to sue and to pursue damages, injunctive relief, or other remedies for past, present, or future infringement, misappropriation, or violation of rights related thereto.
- 4. Iprova hereby authorizes Nokia and all its successors, assigns and legal representatives to make applications for such protection in its own name and to maintain such protection in any and all countries including the United States of America, and to invoke and claim for any application for patent or other form of protection for the Invention, without further authorization from Iprova, any and all benefits, including the rights of priority provided by any and all treaties, conventions, or agreements.
- 5. Iprova and Nokia hereby consent that a copy of Agreement shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Nokia to apply for patent or other form of protection for the Invention and to claim the aforesaid benefit of the right of priority.
- 6. Iprova requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents or other type of protection for the Invention to Nokia, its

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successors, assigns and legal representatives, in the United States of America and in all other countries, or to such nominees as Nokia may designate.

- 7. Iprova undertakes to sign, without charge to Nokia, any documents necessary for patent prosecution and provide Nokia with assistance in maintaining, enforcing or assigning any rights of Nokia to the Invention.
- 8. Iprova undertakes not to disclose any parts of the Invention to any third party until and unless and only to the extent the Invention has become public.
- 9. The terms and conditions of this Agreement will inure to the benefit of Nokia, its successors or assigns, and anyone properly designated by them and will be binding upon Iprova, its successors or assigns, and anyone properly designated by them.
- 10. In the event that a clause or term of this Agreement is regarded invalid, illegal or unenforceable, such invalidity shall not affect the validity of the remaining clauses or terms. The Parties must replace such invalid, illegal or unenforceable clauses or terms with valid clauses or terms that best express the **Parties'** intent at the time of signing the Agreement.
- 11. This Agreement may be executed by either handwritten signatures, including the exchange of scanned representations of handwritten signatures, or e-signatures. By using e-signature to sign this Agreement, the Parties acknowledge that execution in this manner creates a binding contract between the Parties.
- 12. The following Annex is hereby incorporated in this Agreement:
  - a. Annex 1 Inventor Assignment Agreement

[REMAINDER OF THE PAGE INTENTIONALLY LEFT BLANK]

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**IN WITNESS** whereof the Parties have caused this Agreement to be duly signed and executed on the date of the last signature below or on the date of the last signature of the Annex 1 – Inventor Assignment Agreement, whichever occurs later:

# IPROVA SÀRL

Signature: Julian Notan (Feb 2, 2023, 08:33 GMT+3)

Name: Julian Nolan

Title: Director

Pate: Feb 2, 2021

# **NOKIA TECHNOLOGIES OY**

Signature: Anna Haipola (Feb 2, 2021 10:31 GMT+2) Signature: Per Möller (Feb 2, 2021 13:01 GMT+2)

Name: Anna Haipola Name: Per Möller

Title: Authorized Signatory Title: Authorized Signatory

Pate: Feb 2, 2021 Feb 2, 2021

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# **INVENTOR ASSIGNMENT AGREEMENT**

This Inventor Assignment Agreement ("Inventor Assignment"), Annex 1 to the Invention Assignment Agreement between IPROVA SARL and NOKIA TECHNOLOGIES OY ("Agreement"), is made by and between

Name	City	Country
Christopher John Wright	Lausanne	Switzerland
Harry Michael Cronin	Cambridge	United Kingdom
Phil Peter Catton	Cambridge	United Kingdom
William Andrew Schnabel	Surrey	United Kingdom

(Full legal name, city and country of each inventor) ("Assignor(s)")

and

# **Iprova**

Building I EPFL Innovation Park 1015 Lausanne Switzerland ("Assignee")

#### WHEREAS:

(A) Assignor(s) own(s) an interest in the invention identified below by the inventors' names and the title of the invention or the application number and filing date ("Invention"). The Invention was created in a research/collaboration project between Iprova Sàrl and Nokia Technologies Ltd. Assignor(s) are employed by Assignee;

Nokia internal reference: NC321982

Inventors: Christopher John Wright, Harry Michael Cronin, Phil Peter Catton, William

Andrew Schnabel

Title of invention disclosure: NSPC11 - Physical layer video-audio linking

Application Title: METHOD AND APPARATUS FOR PROVIDING VERIFICATION

Application number: EP <u>21170811.0</u> Filing date: <u>2021-04-28</u>

(YYYY-MM-DD)

Iprova hereby authorizes and requests a representative of Nokia to insert the application title, application number and filing date when known/received, even after the execution of this document.

Annex 1

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(B) Assignee desires to acquire Assignor(s)'s entire right, title and interest in and to the Invention which Assignor(s) has/have agreed to assign.

#### **NOW THEREFORE IT IS HEREBY AGREED:**

- 1. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor(s) agree to assign and hereby assign, sell, transfer and set over to the Assignee and its successors, assigns and legal representatives, the entire right, title and interest, for United States of America and for all other countries, jurisdictions and political entities of the world in and to (1) the Invention, and (2) any and all related inventions ("Related Inventions" as defined below).
- 2. The Assignor(s) hereby acknowledge and agree that Related Inventions include all national, regional and international patent applications filed and to be filed in any and all jurisdictions, that claim priority to the Invention, said patent applications include all divisionals, continuations, extensions, re-issues, re-examinations, and continuations-in-part applications, and Related Inventions include all rights and privileges in said patent applications and under any and all letters patent that may be granted in the United States of America and in all other countries resulting from said patent applications. Furthermore, Related Inventions include any other applications that may be filed for protection including, without limitation, applications for certificates of invention, utility models, industrial design protection, design patent protection, and provisional patent applications wherever filed, that may be granted, registered, or issued with respect to the Invention.
- 3. The Assignor(s) hereby assign to Assignee and its successors, assigns and legal representatives all causes of action and enforcement rights related to the Invention and Related Inventions, including, without limitation, the right to sue and to pursue damages, injunctive relief, or other remedies for past, present, or future infringement, misappropriation, or violation of rights related thereto.
- 4. The Assignor(s) hereby authorize the Assignee and its successors, assigns and legal representatives to make applications for such protection in its own name and maintain such protection in any and all countries including the United States of America, and to invoke and claim for any application for patent or other form of protection for the Invention, without further authorization from Assignor(s), any and all benefits, including the rights of priority provided by any and all treaties, conventions, or agreements.
- 5. The Assignor(s) hereby consent that a copy of this Inventor Assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of the Assignee and its successors, assigns and legal representatives to apply for patent or other form of protection for the Invention and to claim the aforesaid benefit of the right of priority.

Annex 1

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6. The Assignor(s) request the respective patent office or governmental agency in each jurisdiction to issue any and all patents or other type of protection for the Invention to the Assignee, its/their successors, assigns and legal representatives, in the United States of America and in all other countries, or to such nominees as the Assignee may designate.

- 7. The Assignor(s) agree that, when requested, we shall, without charge to the Assignee, its/their successors, assigns and legal representatives sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.
- 8. The terms and conditions of this Inventor Assignment will inure to the benefit of Assignee, its successors or assigns, and anyone properly designated by them and will be binding upon Assignor(s), its successors or assigns, and anyone properly designated by them.
- 9. In the event that a clause or term of this Inventor Assignment is regarded invalid, illegal or unenforceable, such invalidity shall not affect the validity of the remaining clauses or terms. The Assignor(s) and Assignee must replace such invalid, illegal or unenforceable clauses or terms with valid clauses or terms that best express the Assignor(s) and the Assignee's intent at the time of signing the Inventor Assignment.
- 10. The Assignor(s) and Assignee agree that this Inventor Assignment may be executed by either handwritten signatures, including the exchange of scanned representations of handwritten signatures, or e-signatures. By using e-signature to sign this Inventor Assignment, the Assignor(s) and Assignee acknowledge that execution in this manner creates a binding contract between the Assignor(s) and Assignee.

**IN WITNESS** whereof the Assignor(s) and Assignee have caused this Inventor Assignment to be duly signed and executed on the date of the last signature below or on the date of the last signature of the Agreement, whichever occurs later:

Inventor (First Middle Last)	Signature	Date
Christopher John Wright	C. Wright C. Wright (1962, 202), 08:46 CMT)	Feb 2, 2021
Harry Michael Cronin	H. Cronin N. Cronin (Feb 2, 2021 08:54 GMT)	Feb 2, 2021
Phil Peter Catton	Phil Catton Phil Catton (Feb 22, 2021 09:25 GMT)	Feb 22, 2021
William Andrew Schnabel	W. Schnabel	Feb 2, 2021

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IPROVA SÀRL  Name Julian Nolan  Title Director	Signature Feb 2, 2021
Name	Signature
Title	Date

RECORDED: 05/11/2022 REEL: 059887 FRAME: 0721