508429880 03/11/2024

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI83770

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
AURO TECHNOLOGIES NV	03/30/2023

## **RECEIVING PARTY DATA**

Company Name:	NewAuro BV
Street Address:	Oplombeekstraat 6
City:	Gooik
State/Country:	BELGIUM
Postal Code:	1755

# **PROPERTY NUMBERS Total: 4**

Property Type	Number
Patent Number:	9100767
Patent Number:	8620465
Patent Number:	8009837
Patent Number:	8626494

## **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.

**Phone:** 7168564000

**Email:** ipdocketing@hodgsonruss.com

Correspondent Name: Hodgson Russ LLP Address Line 1: 140 Pearl Street

Address Line 2: Suite 100

Address Line 4: Buffalo, NEW YORK 14202

ATTORNEY DOCKET NUMBER:	087628.00090
NAME OF SUBMITTER:	Blair Andrews
SIGNATURE:	Blair Andrews
DATE SIGNED:	03/11/2024

# **Total Attachments: 4**

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PATENT 508429880 REEL: 066713 FRAME: 0172

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# **DEED OF ASSIGNMENT**

#### Parties:

AURO TECHNOLOGIES NV (in bankruptcy), with registered offices at Kievitstraat 42, 2400 Mol legally represented by its bankruptcy administrators, i) Mr. Geert NAULAERTS, attorney at law, with offices at 2300 Turnhout, de Merodelei 83, and ii) Mr. Christophe GEUKENS, attorney at law, with offices at 2490 Balen, Lindestraat 2, appointed as administrators of the bankruptcy proceedings by court decision of the Company Court of Antwerp ("Ondernemingsrechtbank Antwerpen, afdeling Turnhout") of 3 June 2022, hereinafter referred to as Assignor,

and

**NewAuro BV** with registered offices at Oplombeekstraat 6, 1755 Gooik, legally represented by Lahaya BV, p.r. Luc Osselaer, and their successors, legal representatives and assigns, hereinafter referred to as **Assignee**,

### considering that,

Assignor has rights to the patent applications/patents in Annex 1 (hereinafter "Patents"):

Assignee wishes to acquire the Patents;
Assignor wishes to transfer the Patents to Assignee;

### declare to have agreed as follows:

- In consideration of the sum of One Euro (1.00€) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the Assignor, the Assignor hereby transfers to the Assignee, who declares to accept this transfer, free of all liens, charges, options and encumbrances, all right, title and interest in the Patents, including but not limited to all present and future rights pertaining to the invention claimed and described in said Patents, including foreign counterpart thereof, as well as continuations, continuations-in-part, divisional applications and renewals thereof.
- 2. This Assignment includes all rights and benefits deriving from the Patents including priority rights, the right to apply for, prosecute and obtain Patents or similar rights of protection in respect of any of the Invention described in the Patents, anywhere in the world, the right to bring actions and claim relief (and retain any awards made) in respect of any infringement of the Application and the Patents whether occurring before, on, or after the date of this Deed of Assignment.

PP.

## Signed by Assignor for AURO TECHNOLOGIES NV (in bankruptcy) at

	aulaerts, attorney at law or of the bankruptcy ologies NV	Administra	ophe Geukens ator of the bankruptcy nologies NV
Place:	The company of the co	Date:	Tuencour 30/07/2023
Signature:		Function:	
Signed by A	Assignee, Lahaya BV, sole dire	ctor, p.r. Luc	: Osselaer for NewAuro BV at
Place: Signature:	Gooile 31/03/2023	5	

13 Oct 2006   US00025121   15 Oct 2006   POINT-2006   DEADLY STATE   POINT-2017	EP18701193.7 11 Aug 2021	20 Aug 2019 E	PCT/EP2018/052160	29 Jan 2018	EP17153650.1	27 Jan 2017	Granted (active) Processing method and system for panning audio objects	FR Granted	AUTE-006-EPprov-WO-EP-FR F
15 Oct 2006			1	15 Jul 2016	EP15003698.6	03 Jan 2016	Granted (active) A signal encoder, decoder and methods using predictor models.	FR Granted	AUTE-005-EP-WO-EP-FR
11 Nov 2009   Sequisoria   10 col 2007   Sequisoria   10 no 2007   S	23 May 2012		EP05009434.1	8	60/567,041	30 Apr 2004	d (active) Multi-channel compatible stereo recording	FR Granted	AUTE-004-US-EP-FR
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21 Nov 2008			0980	1	US60829321	13 Oct 2006	Granted (active) A method and encoder for combining digital data sets, a decoding method and decoder for such combined digital data sets and a record carrier for storing such combined digital data set.	FR Granted	AUTE-003-US-WO-EP-FR
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21 Nov 2008   SPESSORIAN   20 Nov 2009   SPESS	03 Jul 2019		EP11305977.8	27 Jul 2011			Granted (active) Method for sound signal processing, and computer program for implementing the method	FR Granted	AUTE-001-EP-FR
	EP16707701.5		PCT/EP2016/054157	26 Feb 2016	PCT/EP2015/054222	27 Feb 2015		EP Examined	AUTE-008-WO-WO-EP
21 Nov 2008				16 Oct 2017	EP16002210.9	14 Oct 2016	Granted (active) Recording and playback devices with avoidance of missynchronisation by scrambling a payload with a modified payload checksum	DE Granted	AUTE-009-EP-WO-EP-DE
Fauth combined         12 Nov 2008         EPOBLISATE A         20 Nov 2009         FOLKER/2004/0005887         21 Nov 2001         EPOBLISATE A         20 Nov 2009         FOLKER/2004/0005887         21 Nov 2001         EPOBLISATE A         20 Nov 2009         FOLKER/2004/0005887         21 Nov 2001         EPOBLISATE A         20 Nov 2003         COLUMN 2013         Aug 2013         EPOBLISATE A         20 Nov 2012         20 Nov 2012         20 Nov 2013         20 Nov 2012				29 Jan 2018	EP17153650.1	27 Jan 2017	Granted (active) Processing method and system for panning audio objects	DE Granted	AUTE-006-EPprov-WO-EP-DE
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21 Nov 2008   5008150729.4   20 Nov 2007   50181507040005587   21 Jun 2011   500801675.1   29 Nov 2019	08 Jan 2020		EP10171810.4	Aug 20	US60829321	13 Oct 2006	and decoder for set	DE Granted	AUTE-003-US-WO-EP-EPDIV3-DE
21 Nov 2008	01 Jul 2020		EP10171809.6	Oct 20	US60829321	13 Oct 2006	A method and encoder for combining digital data sets, a decoding method and decoder for digital data sets and a record carrier for storing such combined digital data set.		
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Tor such combined 13 Oct 2006 US60829321 15 Oct 2007 PC/TE/2007/060980 13 May 2009 EP07821347.7 04 Aug 2010 Tor such combined 13 Oct 2006 US60829321 15 Oct 2007 PC/TE/2007/060980 13 May 2009 EP07821347.7 04 Aug 2010 Tor such combined 13 Oct 2006 US60829321 15 Oct 2007 PC/TE/2007/060980 10/T797.3 14 Nov 2012 Tor such combined 13 Oct 2006 US60829321 15 Oct 2007 PC/TE/2007/060980 10/T797.3 14 Nov 2012 Tor such combined 13 Oct 2006 US60829321 15 Oct 2007 PC/TE/2007/060980 10/T797.3 14 Nov 2012 Oct 2006 US60829321 15 Oct 2007 PC/TE/2007/060980 10/T797.3 14 Nov 2012 Oct 2007 PC/TE/2007/060980 10/T797.3 14 Nov 2012 Oct 2007 PC/TE/2007/060980 10/T797.3 14 Nov 2012 Oct 2007 PC/TE/2007/060980 13 Oct 2008 US60829321 15 Oct 2007 PC/TE/2007/060980 10/T797.3 14 Nov 2012 Oct 2007 PC/TE/2007/060980 13 Oct 2008 US60829321 15 Oct 2007 PC/TE/2007/060980 10/T797.3 14 Nov 2012 Oct 2007/060980 10/T797.3 14 Nov 2012 Oct				29 Jan 2018	EP17153650.I	27 Jan 2017	Granted (active) Processing method and system for panning audio objects	BE Granted	AUTE-006-EPprov-WO-EP-BE
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21 Nov 2008	01 Jul 2020		EP10171809.6	Oct 20	US60829321	13 Oct 2006	(active)	Granted	
21 Nov 2008			PCT/EP2007/060980	20	US60829321	13 Oct 2006	Granked (active) A method and encoder for combining digital data sets, a decoding method and decoder for such combined digital data sets and a record carrier for storing such combined digital data set		
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F. unit court.			PCT/EP2009/065587	Nov 20	EP08169729.4	21 Nov 2008	Granted (active) Converter and method for converting an audio signal	BE Granted	AUTE-002-EP-WO-EP-BE
27 to 2012 to 2012 to 2012 to 2012			EP11305977.8	27 Jul 2011			d (active) Method for sound signal processing, and computer program for implementing the method	BE Granted	AUTE-001-EP-BE
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US11398834	26 Jul 2022	US16/341,S77	12 Apr 2019	PCT/EP2017/076361	16 Oct 2017	EP16002210.9	14 Oct 2016	Recording and playback devices with avoidance of missynchronisation by scrambling a payload with a modified payload checksum	Granted (active)	S	AUTE-009-EP-WO-US
US10,262,664	16 Apr 2019	US15/550,928	14 Aug 2017	PCT/EP2016/054157	26 Feb 2016	PCT/EP2015/054222	27 Feb 2015	Encoding and decoding digital data sets	Granted (active)	SU	AUTE-008-WO-WO-US
US11,012,803	18 May 2021	US16/481,205	26 Jul 2019	PCT/EP2018/052160	29 Jan 2018	EP17153650.1	27 Jan 2017	Processing method and system for panning audio objects	Granted (active)	S	AUTE-006-EPprov-WO-US
US10530388	07 Jan 2020	US16/068,016	03 Jul 2018	PCT/EP2016/066981	15 Jul 2016	EP15003698.6	03 Jan 2016	A signal encoder, decoder and methods using predictor models.	Granted (active)	SU	AUTE-005-EP-WO-US
US8626494	07 Jan 2014			US12/652,406	05 Jan 2010	US60/567,041	30 Apr 2004	Multi-channel compatible stereo recording	Granted (active)	S	AUTE-004-US-US-US
US8009837	30 Aug 2011			US11/116,216	28 Apr 2005	US60/567,041	30 Apr 2004	Mutti-channel compatible stereo recording	Granted (active)	SU	AUTE-004-US-US
US8620465	31 Dec 2013	12/445,232	13 Oct 2009	PCT/EP2007/060980	15 Oct 2007	US60829321	13 Oct 2006	A method and encoder for combining digital data sets, a decoding method and decoder for such combined digital data sets and a record carrier for storing such combined digital data set	Granted (active)	us	AUTE-003-US-WO-US
US9100767	04 Aug 2015	US13/130,737	01 Dec 2011	20 Nov 2009 PCT/EP2009/065587	20 Nov 2009	EP08169729.4	21 Nov 2008	Converter and method for converting an audio signal	Granted (active)	SU	AUTE-002-EP-WO-US
		KR10-2018-7022444	03 Aug 2018	PCT/EP2016/066981	15 Jul 2016	EP15003698.6	03 Jan 2016	ed A signal encoder, decoder and methods using predictor models.	Published/Advertised	Ŕ	AUTE-005-EP-WO-KR
KR10-1646540	02 Aug 2016	KR20117014254	21 Jun 2011	20 Nov 2009   PCT/EP2009/065587	20 Nov 2009	EP08169729.4	21 Nov 2008	Converter and method for converting an audio signal	Granted (active)	KR	AUTE-002-EP-WO-KR
JP7189868	06 Dec 2022	JP2019-520115	12 Apr 2019	PCT/EP2017/076361	16 Oct 2017	EP16002210.9	14 Oct 2016	Recording and playback devices with avoidance of missynchronisation by scrambling a payload with a modified payload checksum	Granted (active)	'n	AUTE-009-EP-WO-JP
JP,6798999,B	24 Nov 2020	JP2017-544907	24 Aug 2017	PCT/EP2016/054157	26 Feb 2016	PCT/EP2015/054222	27 Feb 2015	Encoding and decoding digital data sets	Granted (active)	JP	ALTE-008-WO-WO-JP
JP7140766	12 Sep 2022	JP2019-540554	26 Jul 2019	29 Jan 2018 PCT/EP2018/052160	29 Jan 2018	EP17153650.1	27 Jan 2017	Processing method and system for panning audio objects	Granted (active)	JP	AUTE-006-EPprov-WO-JP
JP7082056	30 May 2022	JP2018-534975	03 Jul 2018	PCT/EP2016/066981 (	15 Jul 2016	EP15003698.6	03 Jan 2016	A signal encoder, decoder and methods using predictor models.	Granted (active)	JP	AUTE-005-EP-WO-JP
JP5325108	26 Jul 2013	JP2009-531862	15 ປັນກ 2009	PCT/EP2007/060980	15 Oct 2007	US60829321	13 Oct 2006	A method and encoder for combining digital data sets, a decoding method and decoder for such combined digital data sets and a record carrier for storing such combined digital data set	Granted (active)	JP	AUTE-003-US-WO-JP
JP5611970	12 Sep 2014	JP2011-536881	20 May 2011	20 Nov 2009   PCT/EP2009/065587	20 Nov 2009	EP08169729.4	21 Nov 2008	Converter and method for converting an audio signal	Granted (active)	Ä	AUTE-002-EP-WO-JP
EP3526901	02 Dec 2020	EP17794902.1	15 Apr 2019	PCT/EP2017/076361	16 Oct 2017	EP16002210.9	14 Oct 2016	Recording and playback devices with avoidance of missynchronisation by scrambling a payload with a modified payload checksum	Granted (active)	89	AUTE-009-EP-WO-EP-GB
EP3574661	11 Aug 2021	EP18701193.7	20 Aug 2019	PCT/EP2018/052160 20 Aug 2019	29 Jan 2018	EP17153650.1	27 Jan 2017	Processing method and system for panning audio objects	Granted (active)	- GB	AUTE-006-EPprov-WO-EP-GB
EP3898191	28 Apr 2021	EP16744682.2	03 Aug 2018	PCT/EP2016/066981	15 Jul 2016	EP15003698.6	03 Jan 2016	A signal encoder, decoder and methods using predictor models.	Granted (active)	GB.	AUTE-005-EP-WO-EP-G8
EP1592008	23 May 2012			29 Apr 2005 EP05009434.1	29 Apr 2005	60/567,041	30 Apr 2004	Multi-channel compatible stereo recording	Granted (active)	ଜୁ	AUTE-004-US-EP-GB
EP2337029	26 Aug 2015			EP10183793.8	29 Apr 2005	60/567,041	30 Apr 2004	Multi-channel compatible stereo recording	Granted (active)	68	AUTE-004-US-EP-EPDIV2-GB
EP2337028	16 Sep 2015			EP10183788.8	29 Apr 2005	60/567,041	30 Apr 2004	Multi-channel compatible stereo recording	Granted (active)	SE.	AUTE-004-US-EP-EPDIV1-GB
EP2092791	04 Aug 2010	EP07821347.7	13 May 2009	PCT/EP2007/060980	15 Oct 2007	US60829321	13 Oct 2006	A method and encoder for combining digital data sets, a decoding method and decoder for such combined digital data sets and a record carrier for storing such combined digital data set	Granted (active)	68	AUTE-003-US-WO-EP-GB
EP2337380	08 Jan 2020			03 Aug 2010 EP10171810.4	03 Aug 2010	US60829321	13 Oct 2006	A method and encoder for combining digital data sets, a decoding method and decoder for such combined digital data sets and a record carrier for storing such combined digital data set	Granted (active)	GB	AUTE-003-US-WO-EP-EPDIV3-GB
EP2328364	01 Jul 2020			EP10171809.6	15 Oct 2007	US60829321	13 Oct 2006	A method and encoder for combining digital data sets, a decoding method and decoder for such combined digital data sets and a record carrier for storing such combined digital data set	Granted (active)	89	AUTE-003-US-WO-EP-EPDIV2-GB
EP2299734	14 Nov 2012	10171797,3		PCT/EP2007/060980	15 Oct 2007	US60829321	13 Oct 2006	A method and encoder for combining digital data sets, a decoding method and decoder for such combined digital data sets and a record carrier for storing such combined digital data set	Granted (active)	88	AUTE-003-US-WO-EP-EPDIV1-GB
EP2368375	29 May 2019	EP09801675.1	21 Jun 2011	20 Nov 2009 PCT/EP2009/065587	20 Nov 2009	EP08169729.4	21 Nov 2008	Converter and method for converting an audio signal	Granted (active)	ଥି	AUTE-002-EP-WO-EP-GB
EP2552130	03 Jul 2019			EP11305977.8	27 Jul 2011			Method for sound signal processing, and computer program for implementing the method	Granted (active)	89	AUTE-001-EP-GB
EP3526901	02 Dec 2020	EP17794902.1	15 Apr 2019	PCT/EP2017/076361	16 Oct 2017	EP16002210.9	14 Oct 2016	Recording and playback devices with avoidance of missynchronisation by scrambling a payload with a modified payload checksum	Granted (active)	FR	AUTE-009-EP-WO-EP-FR

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