504359276 05/10/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAN JANTO SKOWRONEK	03/22/2017
ALEXANDER RAAKE	03/10/2017
MARKUS VAALGAMAA	03/14/2017
MATTIAS NILSSON	02/24/2017
BERNHARD FEITEN	02/27/2017

RECEIVING PARTY DATA

Name:	DEUTSCHE TELEKOM AG	
Street Address:	FRIEDRICH-EBERT-ALLEE 140	
City:	BONN	
State/Country:	GERMANY	
Postal Code:	53113	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15511726	

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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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Email: assignments@leydig.com

Correspondent Name: LEYDIG, VOIT & MAYER, LTD.

Address Line 1: TWO PRUDENTIAL PLAZA, SUITE 4900

Address Line 2: 180 NORTH STETSON AVENUE Address Line 4: CHICAGO, ILLINOIS 606016731

ATTORNEY DOCKET NUMBER: 815716

NAME OF SUBMITTER: BRENT A. CHATHAM

SIGNATURE: /Brent A. Chatham/

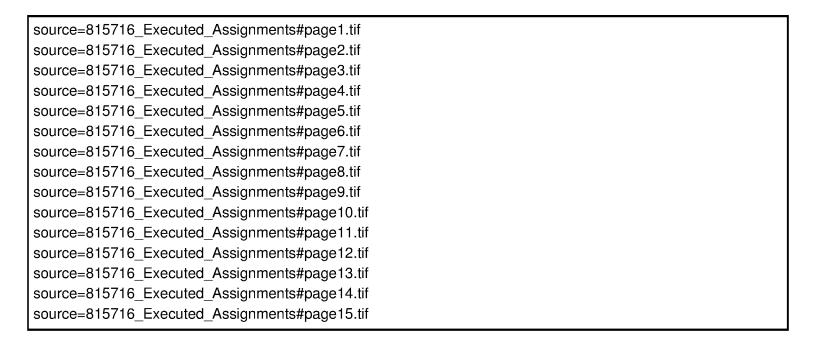
DATE SIGNED: 05/10/2017

Total Attachments: 15

PATENT REEL: 042311 FRAME: 0848

EPAS ID: PAT4405967

504359276



PATENT REEL: 042311 FRAME: 0849

I, Jan Janto Skowronek, residing at Sesenheimer Strasse 18; 10627 Berlin; GERMANY; and

I, Alexander Raake, residing at Chodowieckistrasse 23; 10405 Berlin; GERMANY; and

I, Markus Vaalgamaa, residing at Kotipolku 1; 00600 Helsinki; FINLAND; and

I, Mattias Nilsson, residing at Egnahemsvaegen 5; 17446 Sundbyberg; SWEDEN; and

I, Adriana Dumitras, residing at Flat 14; 139 Abbotsbury Road; London Greater London W14 8EN; GREAT BRITAIN; and

I, Bernhard Feiten, residing at Am Triftpark 13; 13437 Berlin; GERMANY;

and each of us, if more than one person is identified above, have invented and own a certain invention entitled:

METHOD AND APPARATUS FOR COMPUTING THE PERCEIVED QUALITY OF A MULTIPARTY AUDIO OR AUDIOVISUAL TELECOMMUNICATION SERVICE OR SYSTEM

for which invention International Application No. PCT/EP2014/069809 was filed on September 17, 2014, designating the U.S. and

WHEREAS,

Deutsche Telekom AG

having an address at Friedrich-Ebert-Allee 140; 53113 Bonn; Germany,

hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the above patent application.

Now, Therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns my/our full and exclusive rights in and to the invention in the U.S. and every foreign country and my/our entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

UPON SAID CONSIDERATION, I/we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

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Date <u>March</u> 22,2017	Jan Jamio Skowrónek, Inventor
Date	Alexander Raake, Inventor
Datë	Markus Vaalgamaa, Inventor
Date	Mattias Nilsson, Inventor
Date	Adriana Dumitras, Inventor
Date	Rembart Feiten Inventor

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-Attorney Docket No. 815716 (Client Ref. X2889 US)

Date	
	Jan Janto Skowronek, Inventor
Date	ALD C
	Alexander Raake, Inventor
Date	
	Markus Vaalgamaa, Inventor
Date	<u> </u>
	Mattias Nilsson, Inventor
,	
Date	
	Adriana Dumitras, Inventor
	•
Date	
	Bernhard Feiten, Inventor

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PATENT REEL: 042311 FRAME: 0856

14/10

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Page 2 of 3

PATENT REEL: 042311 FRAME: 0857

Date	
	Jan Janto Skowronek, Inventor
Date	
	Alexander Raake, Inventor
Date 1414 ach 2012	<u> </u>
	Markus Vaalgamaa, Inventor
Date	
	Mattias Nilsson, Inventor
Date	
b.	Adriana Dumitras, Inventor
Date	
	Bernhard Feiten, Inventor

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PATENT REEL: 042311 FRAME: 0860

Date	
	Jan Janto Skowronek, Inventor
Date	
	Alexander Raake, Inventor
Date	
Data 24/2 2017	Markus Vaalgamaa, Inventor
Date <u>24/2-2017</u>	Mattias Nilsson, Inventor
Date	
	Adriana Dumitras, Inventor
Date	
	Bernhard Feiten Inventor

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		Jan Janto Skowronek, Inventor
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Date _		
		Markus Vaalgamaa, Inventor
Date _		
٠.		Mattias Nilsson, Inventor
Date _		
Date_	27.2.7017	Adriana Dumitras, Inventor
		Bernhard Feiten, Inventor