# 504239101 02/22/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			
CONVEYING PARTY DATA				
	Name	Execution Date		
BERNHARD GRILL		03/15/2011		
ROCH LEFEBVRE		02/17/2011		
BRUNO BESSETTE		02/17/2011		
JIMMY LAPIERRE		02/17/2011		
PHILIPPE GOURNAY		02/17/2011		
REDWAN SALAMI		02/21/2011		
STEFAN BAYER		03/30/2011		
GUILLAUME FUCHS		03/28/2011		
STEFAN GEYERSBERGER		03/18/2011		
RALF GEIGER		03/11/2011		
JOHANNES HILPERT		03/18/2011		
ULRICH KRAEMER		02/18/2011		
JEREMIE LECOMTE		03/18/2011		
MARKUS MULTRUS		03/18/2011		
MAX NEUENDORF		04/04/2011		
HARALD POPP		03/17/2011		
NIKOLAUS RETTELBACH		03/22/2011		

## **RECEIVING PARTY DATA**

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State/Country:	CANADA	
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### **PROPERTY NUMBERS Total: 1**

PATENT REEL: 041338 FRAME: 0064

504239101

Property Type Number			
Application Number:14580179			
CORRESPONDENCE DATA			
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ATTORNEY DOCKET NUMBER: 110971-8499.US02			
NAME OF SUBMITTER: EMI RHODES			
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<b>DATE SIGNED:</b> 02/22/2017			
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#### ASSIGNMENT

WHEREAS, We/I, <u>Bernhard GRILL, Roch LEFEBVRE, Bruno BESSETTE, Jimmy LAPIERRE, Philippe</u> <u>GOURNAY, Redwan SALAMI, Stefan BAYER, Guillaume FUCHS, Stefan GEYERSBERGER, Ralf</u> <u>GEIGER, Johannes HILPERT, Ulrich KRAEMER, Jeremie LECOMTE, Markus MULTRUS, Max</u> <u>NEUENDORF, Harald POPP, and Nikolaus RETTELBACH</u>, hereinafter referred to as "ASSIGNOR(S)", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent entitled:

### LOW BITRATE AUDIO ENCODING/DECODING SCHEME HAVING CASCADED SWITCHES

Filing Date: <u>11 January 2011</u> Serial No. <u>13/004,385</u>

WHEREAS,

- Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V., a corporation duly
  organized under and pursuant to the laws of the country of Germany, having its principal place of
  business at <u>Hansastrasse 27c, 80686 Munich, Germany</u>, and
- 2. <u>VoiceAge Corporation</u>, a corporation duly organized under and pursuant to the laws of the country of Canada, having its principal place of business at <u>750 Lucerne Road</u>, <u>Suite 250</u>, <u>Montreal</u>, <u>Quebec H3R 2H6</u>, <u>Canada</u>.

hereinafter referred to as "ASSIGNEE'S", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNOR(S) have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR(S) had this assignment and transfer not been made, for all time.

ASSIGNOR(S) further agrees that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

ASSIGNOR(S) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

IN TESTIMONY WHEREOF, ASSIGNOR(S) has hereunto signed his name to the assignment on the date indicated below.

**Bernhard GRIL** 

15.03.11 DATE

Roch LEFEBVRE

Bruno BESSETTE

Jimmy LAPIERRE

Philippe GOURNAY

Redwan SALAMI

Guillaume FUCHS

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Ralf GEIGER

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Ulrich KRAEMER Jeremie LEC

Markus MULTRUS

DATE

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30.03. 2011 DATE

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18.3.11 DATE

DATE

<u>18-07-2011</u> DATE

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PATENT REEL: 041338 FRAME: 0067

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Max NEUENI

Hoall Cy Harald POPF

NV.H

Nikolaus RET ELBACH

4.4.20M

<u>17.3.2011</u> DATE <u>72.3.7011</u> DATE

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### PATENT REEL: 041338 FRAME: 0069

Bernhard GRILL Roch LEFEBVRE NE Bruno BESSETTE Jimmy LAPIERRE Philip Redwan SALAMI Stefan BAYER **Guillaume FUCHS** Stefan GEYERSBERGER Ralf GEIGER Johannes HILPERT Ulrich KRAEMER Jeremie LECOMTE Markus MULTRUS

DATE <u>(7 FEB 2011</u> DATE <u>17 Feb. 2011</u> DATE 17 Feb 2011 DATE <u>17 Feb. 2011</u> DATE 21/02/2011 DATE DATE DATE DATE DATE DATE DATE DATE DATE

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PATENT \_\_\_\_\_ REEL: 041338 FRAME: 0070

Max NEUENDORF

Harald POPP

Nikolaus RETTELBACH

DATE

DATE

DATE

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# PATENT REEL: 041338 FRAME: 0071

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WHEREAS, We/I, <u>Bernhard GRILL, Roch LEFEBVRE, Bruno BESSETTE, Jimmy LAPIERRE, Philippe GOURNAY, Redwan SALAMI, Stefan BAYER, Guillaume FUCHS, Stefan GEYERSBERGER, Raif GEIGER, Johannes HILPERT, Ulrich KRAEMER, Jeremie LECOMTE, Markus MULTRUS, Max NEUENDORF, Harald POPP, and Nikolaus RETTELBACH, hereinafter referred to as "ASSIGNOR(S)", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent entitled:</u>

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Guillaume FUCHS	DATE
Stefan GEYERSBERGER	DATE
Ralf GEIGER	DATE
Johannés HILPERT	DATE 18-Feb-2011 DATE
Jeremie LECOMTE	DATE

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Markus MULTRUS	DATE
Max NEUENDORF	DATE
Harald POPP	DATE
Nikołaus RETTELBACH	DATE

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