PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIDIOM SA	01/01/2011

RECEIVING PARTY DATA

Name:	ADVANCED DIGITAL BROADCAST S.A.
Street Address:	AVENUE DE TOURNAY 7
City:	PREGNY-CHAMBESY
State/Country:	SWITZERLAND
Postal Code:	1292

PROPERTY NUMBERS Total: 4

Property Type	Number
Patent Number:	7394466
Patent Number:	8306364
Application Number:	10616584
Application Number:	10648569

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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Email: J.Dobryniewski@adbglobal.com

Correspondent Name: JACEK DOBRYNIEWSKI
Address Line 1: TRASA POLNOCNA 16

Address Line 4: ZIELONA GORA, POLAND 65-119

NAME OF SUBMITTER:	JACEK DOBRYNIEWSKI	
SIGNATURE:	/Jacek Dobryniewski/	
DATE SIGNED:	09/08/2014	

Total Attachments: 5

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PATENT

502965514 REEL: 033685 FRAME: 0480

FIRST AMENDMENT TO THE CPE Application Software, CPE Know-How and Brand Purchase Agreement

This first amendment to the CPE Application Software, CPE Know-How and Brand Purchase Agreement (the "First Amendment") is entered into as of this 1st day of January 2011 (the "Effective Date") by and between:

Vidiom SA, a Swiss company registered in Switzerland, having its principal office at Avenue de Tournay 7, 1292 Chambesy, Switzerland (hereinafter referred to as the "Seller" or "Vidiom")

and

Advanced Digital Broadcast S.A., a Swiss company having its principal office at avenue de Tournay 7, 1292 Chambésy, Switzerland (hereinafter referred to as the "Buyer" or "ADB"),

Hereinafter, the "Parties".

WHEREAS, the Parties are all members of the ADVANCED DIGITAL BROADCAST GROUP of companies;

WHEREAS, the Parties entered into a CPE Application Software, CPE Know-How and Brand Purchase Agreement dated 1st November 2010 (the "Agreement") pursuant to which Seller sold to Buyer, and Buyer purchased from Seller, all of Seller's intellectual property rights related to customer premises devices ("CPEs");

WHEREAS, the Parties also agreed that the sale of the Middleware shall be completed no later than by the end of the year 2012;

WHEREAS, the Parties have now agreed to finalize the sale of the Middleware and Application Software, together with related Know-How and intellectual property rights based on the agreed upon final sale price as per the terms and conditions of this First Amendment.

NOW, THEREFORE, the Parties hereto agree as follows:

Seller hereby sells to Buyer all Middleware and Application Software, together with related Know-How and all intellectual property rights including, but not limited to, copyrights, patents and patent applications (collectively "Middleware IPR" and "Application Software IPR", respectively) and the Buyer purchases all Application Software IPR and all Middleware IPR.

- The sale of all Application Software IPR, as listed in Appendix 1 to this Amendment, is concluded for the price and in consideration of an amount of USD only).
- The sale of all Middleware IPR, as listed in Appendix 2 to this Amendment, is concluded for the price and in consideration of an amount of USD only).

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- 3. All amounts stated under paragraphs 1 and 2 here above shall be paid by Buyer to Seller within 60 days from the Effective Date, unless otherwise agreed between the Parties.
- 4. The sale of the Application Software IPR and Middleware IPR is exclusive. Seller waives any and all rights it holds to the Application Software IPR and Middleware IPR and shall not sell or otherwise pass the Application Software IPR or Middleware IPR to any other party at any time after the Effective Date.

Except as completed herein, all terms of the Agreement shall remain in full force and effect between the Parties hereto.

Made in Geneva, on 28 September, 2011

Vidiom SA

William Luehrs Title: Director Advanced Digital Broadcast SA

Port Licol

Pierre-Alain Nicati

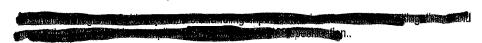
Title: Director

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APPENDIX 1

LIST OF APPLICATION SOFTWARE IPR

1. EPG



2. MHP-PS



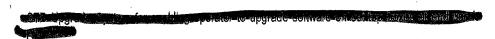
3. TARGET OSD ADS



4. STB MAM



5. STB-US



6. PVOD



7. TRAILER SERVER



8. MMP M2-M6



9. ITI 2011 PHASE 1



10. VIDIOM US IP CABLE SYSTEM PHASE II

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Customer-specific set of software applications.

11. PATENTS AND PATENT APPLICATIONS

- Method and apparatus for validation of network applications
 Patent application No. US10/616584
- Network policy apparatus and method
 Patent application No. US10/648569

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APPENDIX 2

LIST OF MIDDLEWARE IPR

- 1. MHP
- 2. PATENTS AND PATENT APPLICATIONS
 - 1. Method for memory allocation for images

Patent No. TW-1234760 Patent No. US7,394,466

2. Method for rotating images

Patent No. EP2034444B1 Patent No. DE/ EP2034444B1 Patent No. FR/ EP2034444B1 Patent No. GB/ EP2034444B1

3. Method for drawing graphical shapes

Patent Application No. US12/205300 Patent No. EP2034445B1 Patent No. DE/EP2034445B1 Patent No. FR/EP2034445B1 Patent No. GB/EP2034445B1

4. Method for sorting graphical objects

Patent Application No. US12/329598

5. Method for colour interpolation

Patent Application No. US12/249929 Patent No. EP2048869B1 Patent No. DE/EP2048869B1 Patent No. FR/EP2048869B1 Patent No. GB/EP2048869B1 Patent No. NL/EP2048869B1

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RECORDED: 09/08/2014