503907884 07/10/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3954536

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| JACEK DOBRYNIEWSKI | 07/10/2016 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15206275 |

CORRESPONDENCE DATA

Fax Number: (987)654-3210

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: 972-3-6114100

Email: patents@friedpat.com

Correspondent Name: DR. MARK M. FRIEDMAN

Address Line 1: MOSHE AVIV TOWER, 54TH FLOOR

Address Line 2: 7 JABOTINSKY STREET

Address Line 4: RAMAT GAN, ISRAEL 5252007

| ATTORNEY DOCKET NUMBER: | 4293/81 | |
|-------------------------|------------------|--|
| NAME OF SUBMITTER: | MARK M. FRIEDMAN | |
| SIGNATURE: | /MMF/ | |
| DATE SIGNED: | 07/10/2016 | |

Total Attachments: 1

source=S75BW-5e16071005330#page1.tif

PATENT 503907884 REEL: 039297 FRAME: 0824

-ASSIGNMENT - AGE - CONTROL

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Jacek Dobryniewski

3.30.20

(hereinafter called the "assignor(s)"), hereby sell(s), assign(s) and transfer(s) to:

ADVANCED DIGITAL BROADCAST S.A. Avenue de Tournay, 7 CH-1292 Chambesy Switzerland

(hereinafter called the "assignee(s)"), its/his successors, assignees, nominees or other legal representatives, the assignor's entire right, title and interest in and to the invention entitled:

SYSTEM AND METHOD FOR MANAGING DISPLAY-RELATED RESOURCES

described and claimed in the following patent applications:

U.S. Patent Application identified as Attorney Docket No. 4293/81 , filed concurrently

and in and to said Patent Applications, and all original and reissued Patents granted therefore, and all divisions and continuations thereof, including the right to apply and obtain Patents in all other countries, the priority rights under International Conventions, and the Letters Patent which may be granted thereon.

Signed and sealed this 10th day of July 2015

Jacek Dohrvojewski

PATENT REEL: 039297 FRAME: 0825

RECORDED: 07/10/2016