

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4280609

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DEXTER PAUL BRADSHAW	02/16/2017
JEFFREY STAMERJOHN	02/17/2017
JINJIANG ZENG	02/17/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HOME BOX OFFICE, INC.
<b>Street Address:</b>	1100 AVENUE OF THE AMERICAS
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10036
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15435979
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)696-8731
<i>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.</i>	
<b>Phone:</b>	425-836-3030
<b>Email:</b>	epas@thepatentattorneys.com
<b>Correspondent Name:</b>	AMIN, TUROCY & WATSON, LLP (HBO)
<b>Address Line 1:</b>	127 PUBLIC SQUARE
<b>Address Line 2:</b>	57TH FL.
<b>Address Line 4:</b>	CLEVELAND, OHIO 44114
<b>ATTORNEY DOCKET NUMBER:</b>	HBO.00179.US/HBOXP161US
<b>NAME OF SUBMITTER:</b>	ALBERT S. MICHALIK
<b>SIGNATURE:</b>	/Albert S. Michalik/
<b>DATE SIGNED:</b>	02/17/2017
<b>Total Attachments: 6</b>	
source=HBO.00179.US_Assignment#page1.tif	
source=HBO.00179.US_Assignment#page2.tif	
source=HBO.00179.US_Assignment#page3.tif	

source=HBO.00179.US\_Assignment#page4.tif

source=HBO.00179.US\_Assignment#page5.tif

source=HBO.00179.US\_Assignment#page6.tif

ASSIGNMENT

WHEREAS, **Dexter Paul Bradshaw, Jeffrey Stamerjohn and Jinjiang Zeng**, (referred to as "ASSIGNOR"), has invented certain new and useful improvements in an invention entitled SERVICE DISCOVERY USING ATTRIBUTE MATCHING,

- ☐ for which a utility application for a United States Patent was filed with the United States Patent and Trademark Office on \_\_\_\_\_; Serial No. \_\_\_\_\_;
- ☒ for which an application for a United States Patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, **Home Box Office, Inc.**, a corporation doing business at 1100 Avenue of the Americas, New York, New York 10036 (hereinafter referred to as the "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells and transfers to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any patent application claiming priority to the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term of terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and

will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>
1)	<u>Dexter P. Bradshaw</u> Dexter Paul Bradshaw	<u>16<sup>th</sup> February, 2017.</u>
2)	<u>Jeffrey Stamerjohn</u>	<u></u>
3)	<u>Jinjiang Zeng</u>	<u></u>

ASSIGNMENT

WHEREAS, **Dexter Paul Bradshaw, Jeffrey Stamerjohn and Jinjiang Zeng**, (referred to as "ASSIGNOR"), has invented certain new and useful improvements in an invention entitled SERVICE DISCOVERY USING ATTRIBUTE MATCHING,

- ☐ for which a utility application for a United States Patent was filed with the United States Patent and Trademark Office on \_\_\_\_\_; Serial No. \_\_\_\_\_;
- ☒ for which an application for a United States Patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, **Home Box Office, Inc.**, a corporation doing business at 1100 Avenue of the Americas, New York, New York 10036 (hereinafter referred to as the "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells and transfers to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any patent application claiming priority to the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term of terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

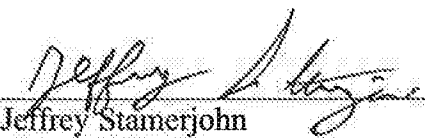
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and

will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

## SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>
1)	Dexter Paul Bradshaw	
2)	 Jeffrey Stamerjohn	2-17-2017
3)	Jinjiang Zeng	

ASSIGNMENT

WHEREAS, Dexter Paul Bradshaw, Jeffrey Stamerjohn and Jinjiang Zeng, (referred to as "ASSIGNOR"), has invented certain new and useful improvements in an invention entitled SERVICE DISCOVERY USING ATTRIBUTE MATCHING,

- ☐ for which a utility application for a United States Patent was filed with the United States Patent and Trademark Office on \_\_\_\_\_; Serial No. \_\_\_\_\_;
- ☒ for which an application for a United States Patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, Home Box Office, Inc., a corporation doing business at 1100 Avenue of the Americas, New York, New York 10036 (hereinafter referred to as the "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells and transfers to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any patent application claiming priority to the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term of terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.


ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and

will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>
1)	_____ Dexter Paul Bradshaw	_____
2)	_____ Jeffrey Stamerjohn	_____
3)	 _____ Jinjiang Zeng	<u>2/17/2017</u>