

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7625166

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DEREK GATTS	01/09/2019
DANIEL LEACH	11/02/2022
CHRISTINE WOO	01/09/2019
EVAN YEATTS	01/09/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BLOOMBERG FINANCE L.P.
<b>Street Address:</b>	731 LEXINGTON AVENUE
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10022
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16217544
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(973)907-7035
<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>	9735302028
<b>Email:</b>	patent@csglaw.com
<b>Correspondent Name:</b>	JEFFREY M. WEINICK
<b>Address Line 1:</b>	CHIESA SHAHINIAN & GIANTOMASI PC
<b>Address Line 2:</b>	ONE BOLAND DRIVE
<b>Address Line 4:</b>	WEST ORANGE, NEW JERSEY 07052
<b>ATTORNEY DOCKET NUMBER:</b>	18604.0693
<b>NAME OF SUBMITTER:</b>	DIKLA BOROCHOV
<b>SIGNATURE:</b>	/Dikla Borochov/
<b>DATE SIGNED:</b>	11/02/2022
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

WHEREAS We, *Derek Gatts*, a citizen of the United States, residing in *Bloomfield, New Jersey*; *Daniel Leach*, a citizen of the United Kingdom, residing in *Astoria, New York*; *Christine Woo*, a citizen of the United States, residing in *New York, New York*; *Evan Yeatts*, a citizen of the United States, residing in *Morrisville, Pennsylvania*, hereinafter, individually and collectively, together with my heirs, executors, administrators and legal representatives referred to as “Assignor”) am a listed inventor on, and have invented one or more inventions (hereinafter referred to as “said Invention(s)”) disclosed in, United States Application No. **16/217,544**, titled **CONTENT DELIVERY SYSTEM FOR TELEVISION BROADCAST SYSTEMS**, filed **December 12, 2018**, (hereinafter referred to as “said Application(s)”; and

WHEREAS, Bloomberg Finance L.P. (hereinafter together with its successors and assigns referred to as “Assignee”), a limited partnership organized and existing under the laws of Delaware, having a place of business at 731 Lexington Avenue, New York, New York 10022, is desirous of obtaining all right, title and interest in, to and under said Invention(s) and said Applications; and

WHEREAS, Assignee is a subsidiary of Bloomberg L.P., a limited partnership organized and existing under the laws of Delaware, having a place of business at 731 Lexington Avenue, New York, New York 10022, and Assignor is employed by Bloomberg L.P. or a subsidiary thereof (Bloomberg L.P. and its subsidiaries collectively referred to hereinafter as “BLP,” and Assignor’s employment by BLP referred to hereinafter as “said Employment”).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which Assignor hereby acknowledges, Assignor has sold, assigned, transferred and set over, and by these presents hereby sells, assigns, transfers and sets over to Assignee, its lawful successors and assigns, all of Assignor’s right, title and interest in, to and under said Invention(s) and said Application(s), including (a) the right to apply for patents in the United States of America, in all foreign countries and in international and regional patent offices and authorities (hereinafter referred to as “Foreign Countries”) for said Invention(s), (b) all applications for patents for said Invention(s) or based on said Application(s) in the United States and all Foreign Countries, now filed or to be filed, including all provisional, non-provisional, divisional, renewal, substitute, continuation, continuation-in-part, international and convention applications based in whole or in part upon said Invention(s) or upon said Application(s), (c) all patents which may issue on said Invention(s) and on any applications transferred by this Assignment in the United States and all Foreign Countries, and any and all reissues, extensions, divisions, renewals, substitutes, continuations, continuations-in-part and post-grant certificate review, inter partes review and reexamination certificates of patents granted for said Invention(s) or upon such applications, for the full term or terms for which the patents may be issued, and (d) every priority right that is or may be predicated upon or arise from said Invention(s), said Application(s) and such patents under any applicable international or bilateral treaty, agreement or convention. Assignor hereby authorizes Assignee to file patent applications in the United States and all Foreign Countries for any or all of said Invention(s) in Assignor’s name or names, or in Assignee’s name, or otherwise as Assignee may deem advisable, under any international or bilateral treaty, agreement or convention, or otherwise.

Assignee agrees to indemnify and defend Assignor from and against all claims, law suits, expenses, liabilities, awards, damages, judgments, sanctions, or losses ("Claims") which Assignor may incur or to which Assignor may become subject and which relate to or arise out of Assignee's or BLP's use of said Invention(s). Assignee also agrees to reimburse Assignor for all expenses (including reasonable counsel fees) as they are incurred by Assignor in defending against or providing evidence relating to any such Claims; provided that Assignee shall have the exclusive right to select counsel to defend Assignor against any such Claims. Assignee shall have no indemnification or defense obligation to Assignor with respect to any action arising out of Assignor's breach of contract, bad faith, willful or reckless misconduct, or arising out of the violation of any written policy, procedure or instruction of said Employment, or to the extent that the Claims arise as a result of Assignor's conduct outside the ordinary course of said Employment. Assignor hereby agrees promptly to notify Assignee in the event Assignor receives actual notice of any such Claims. Assignor also agrees to cooperate with Assignee in Assignee's defense against Claims by making himself available at reasonable times and reasonable places to representatives of Assignee and/or Assignee's legal counsel.

Assignor hereby covenants and agrees that Assignor will, upon reasonable request of Assignee, subject to Assignor's prior commitments, and without further consideration but at the expense of the Assignee, communicate any facts known to Assignor relating to said Invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers required to effect the foregoing, and generally do all further acts which may be deemed necessary by Assignee to obtain and enforce proper patent protection for said Invention(s) in the United States and all Foreign Countries.

Assignor hereby covenants and agrees that Assignor has the full right to convey the interest(s) assigned by this Assignment, and has not and will not execute any assignment, sale, license, agreement, or encumbrance that is, will be, or may reasonably be interpreted to be, in conflict with this Assignment.

If any part of this Assignment shall be held by a court of competent jurisdiction to be void, invalid or inoperative, the remaining provisions of this Assignment shall not be affected and shall continue in effect, and the invalid provision shall be deemed modified to the least degree necessary to remedy such invalidity.

This Assignment shall be deemed to be made in the State of New York, and shall be governed by and construed and interpreted in accordance with the laws of the United States and the State of New York. Any action arising hereunder shall be brought in New York State courts in New York County or in the federal court in the Southern District of New York. The parties hereby stipulate that jurisdiction and venue are proper in the Courts of the State of New York in and for New York County, and in the United States District Court for the Southern District of New York.

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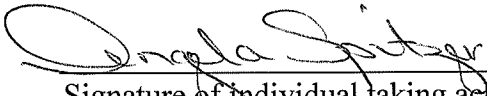
IN TESTIMONY WHEREOF, Assignor has executed this document on the date indicated below.

Date: 1/9/2019

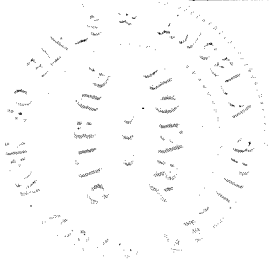
  
Derek Gatts

STATE OF New York )  
COUNTY New York ) ss.:

On January 9, 2019, before me, the undersigned, personally appeared, **Derek Gatts**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

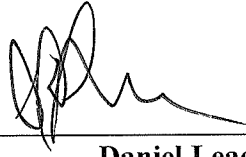
  
Signature of individual taking acknowledgment  
Notary Stamp

**ANGELA SPITZER**  
Notary Public, State of New York  
Registration #01SP6296445  
Qualified In New York County  
Commission Expires Feb. 3, 2022



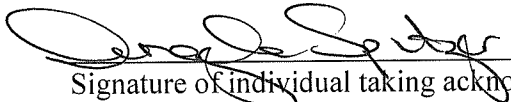
IN TESTIMONY WHEREOF, Assignor has executed this document on the date indicated below.

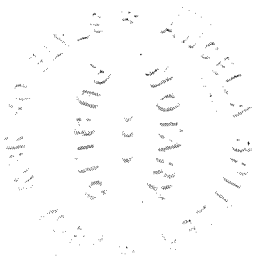
Date: 11/2/22

  
\_\_\_\_\_  
**Daniel Leach**

STATE OF New York )  
COUNTY New York ) ss.:

On November 2, 2022, before me, the undersigned, personally appeared, **Daniel Leach**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

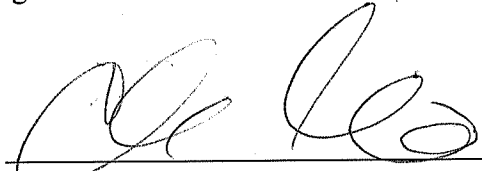
  
\_\_\_\_\_  
Signature of individual taking acknowledgment  
Notary Stamp



ANGELA SPITZER  
NOTARY PUBLIC, STATE OF NEW YORK  
Registration No. 01SP6296445  
Qualified in New York County  
Commission Expires Feb. 3, 2026

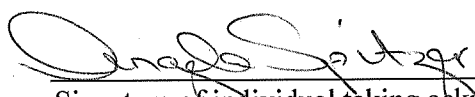
IN TESTIMONY WHEREOF, Assignor has executed this document on the date indicated below.

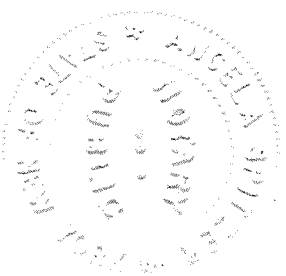
Date: 1/9/19

  
\_\_\_\_\_  
Christine Woo

STATE OF New York )  
COUNTY New York ) ss.:

On January 9, 2019, before me, the undersigned, personally appeared, **Christine Woo**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

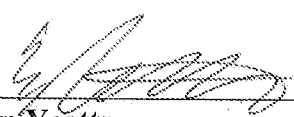
  
\_\_\_\_\_  
Signature of individual taking acknowledgment  
Notary Stamp



**ANGELA SPITZER**  
Notary Public, State of New York  
Registration #01SP6296445  
Qualified In New York County  
Commission Expires Feb. 3, 2022

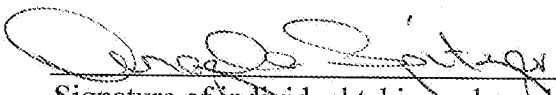
IN TESTIMONY WHEREOF, Assignor has executed this document on the date indicated below.

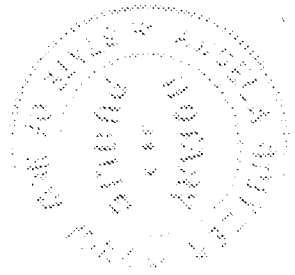
Date: 1/9/19

  
\_\_\_\_\_  
Evan Yeatts

STATE OF New York )  
COUNTY New York ) ss.:

On January 9, 2019, before me, the undersigned, personally appeared, **Evan Yeatts**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

  
\_\_\_\_\_  
Signature of individual taking acknowledgment  
Notary Stamp



**ANGELA SPITZER**  
Notary Public, State of New York  
Registration #01SP6296445  
Qualified in New York County  
Commission Expires Feb. 3, 2022