

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6253224

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the PATENT NUMBER 9865497 SHOULD BE 9565497 previously recorded on Reel 053435 Frame 0885. Assignor(s) hereby confirms the RELEASE OF SECURITY INTEREST.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KAON MEDIA CO., LTD	08/07/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CAAVO INC.
<b>Street Address:</b>	1525 MCCARTHY BLVD., #1182
<b>City:</b>	MILPITAS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	9565497
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(800)404-3970
<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>	7132213306
<b>Email:</b>	docketing@bracewell.com
<b>Correspondent Name:</b>	CONSTANCE GALL RHEBERGEN
<b>Address Line 1:</b>	711 LOUISIANA STREET, STE. 2300
<b>Address Line 4:</b>	HOUSTON, TEXAS 77002
<b>ATTORNEY DOCKET NUMBER:</b>	0002694.000001
<b>NAME OF SUBMITTER:</b>	CONSTANCE GALL RHEBERGEN
<b>SIGNATURE:</b>	/Constance Gall Rhebergen/
<b>DATE SIGNED:</b>	08/17/2020
<b>Total Attachments: 7</b>	
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*Electronic Patent Assignment System*

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**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1  
Stylesheet Version v1.2

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KAON MEDIA CO., LTD	08/07/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CAAVO INC.
<b>Street Address:</b>	1525 MCCARTHY BLVD., #1182
<b>City:</b>	MILPITAS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 30</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	10038936
<b>Patent Number:</b>	10038941
<b>Patent Number:</b>	10158810
<b>Patent Number:</b>	10203801
<b>Patent Number:</b>	10204511
<b>Patent Number:</b>	10282979
<b>Patent Number:</b>	10284954

<b>Patent Number:</b>	10299060
<b>Patent Number:</b>	10565153
<b>Application Number:</b>	14945201
<b>Patent Number:</b>	10051204
<b>Patent Number:</b>	9832524
<b>Patent Number:</b>	9838584
<b>Patent Number:</b>	10671253
<b>Application Number:</b>	15248978
<b>Patent Number:</b>	10440491
<b>Patent Number:</b>	10726003
<b>Patent Number:</b>	10594508
<b>Patent Number:</b>	10680846
<b>Application Number:</b>	15483883
<b>Application Number:</b>	15808683
<b>Application Number:</b>	15808510
<b>Application Number:</b>	15857205
<b>Application Number:</b>	15857282
<b>Patent Number:</b>	10701284
<b>Application Number:</b>	15892188
<b>Application Number:</b>	16168134
<b>Application Number:</b>	16219342
<b>Application Number:</b>	16257966
<b>Patent Number:</b>	9865497

**CORRESPONDENCE DATA**

**Fax Number:** (800)404-3970  
**Phone:** 7132213306  
**Email:** docketing@bracewell.com  
*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.*  
**Correspondent Name:** CONSTANCE GALL RHEBERGEN  
**Address Line 1:** 711 LOUISIANA STREET, STE. 2300  
**Address Line 4:** HOUSTON, TEXAS 77002

<b>ATTORNEY DOCKET NUMBER:</b>	0002694.000001
<b>NAME OF SUBMITTER:</b>	CONSTANCE GALL RHEBERGEN
<b>Signature:</b>	/Constance Gall Rhebergen/
<b>Date:</b>	08/07/2020

**Total Attachments: 4**

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**RECEIPT INFORMATION****EPAS ID:** PAT6240889**Receipt Date:** 08/07/2020

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### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Kaon Media Co., Ltd.  
884-3 Seongnam-daero  
Bundang-gu Seongnam-si  
Gyeonggi-do, Republic of Korea 463-839

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Caavo Inc.

Internal Address: \_\_\_\_\_

Street Address: 1525 McCarthy Blvd., #1182

City: Milpitas

State: California

Country: United States Zip: 95035

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) \_\_\_\_\_

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other Release of Security Interest

**4. Application or patent number(s):**

This document serves as an Oath/Declaration (37 CFR 1.63).

**A. Patent Application No.(s)**

Please see attached Exhibit 1 for application numbers

**B. Patent No.(s)**

Please see attached Exhibit 1 for patent numbers

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Patrick Connolly

Internal Address: Bracewell LLP

Street Address: 701 Fifth Ave. Suite 6200

City: Seattle

State: Washington Zip: 98104-7018

Phone Number: (206) 204-6231

Docket Number: 0002694.000001

Email Address: patrick.connolly@bracewell.com

**6. Total number of applications and patents involved:** 30**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 0.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized UserName \_\_\_\_\_

**9. Signature:**

/s/ Patrick Connolly

08/07/2020

Signature

Date

Patrick Connolly

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## Exhibit 1

## Intellectual Property Assets

Description	Registration/Application Number	Registration/Application Date
Source device detection	US-10038936-B2	1/4/2017
Network-based control of a media device	US-10038941-B2	12/6/2016
Remote control activity detection	US-10158810-B2	10/6/2017
Remote control	US-10203801-B2	1/4/2017
Remote control device usage detection based on power consumption	US-10204511-B2	3/31/2017
Transmission of infrared signals over a high-definition multimedia interface cable	US-10282979-B2	12/28/2017
Loudspeaker with optional extender for production of high-frequency audio	US-10284954-B2	1/4/2017
Determining distances and angles between speakers and other home theater components	US-10299060-B2	12/28/2017
Auto detection and adaptive configuration of hdmi ports	US-2016140075-A1	11/18/2015
Automatic detection of a power status of an electronic device and control schemes based thereon	US-2016141810-A1	11/18/2015
Seamless setup and control for home entertainment devices and content	US-2016142648-A1	11/18/2015
Configuring television speakers	US-2016142849-A1	11/18/2015
Audio/video synchronization using a device with camera and microphone	US-2016150129-A1	11/18/2015
Systems and methods for guided user interface navigation	US-2017060388-A1	8/26/2016
System and method for personalizing and recommending content	US-2017064405-A1	8/26/2016
Multi-channel audio over a wireless network	US-2017142535-A1	11/17/2016
Simultaneous search on multiple living room devices	US-2017193035-A1	1/4/2017
Hdmi smart switch	US-2017288894-A1	3/30/2017
Method and apparatus for implementing hdmi cec	US-2017288895-A1	3/31/2017
Cascaded hdmi connectors	US-2017293584-A1	4/10/2017

Smart media cable	US-2018131142-A1	11/9/2017
Soft universal remote controller	US-2018131891-A1	11/9/2017
Targeted crawler to develop and/or maintain a searchable database of media content across multiple content providers	US-2018189409-A1	12/28/2017
Sharing of content viewed by a user	US-2018191653-A1	12/28/2017
Determining state signatures for consumer electronic devices coupled to an audio/video switch	US-2018234637-A1	2/8/2018
Personalized identification of items of media content from across multiple content-providing entities	US-2018234715-A1	2/8/2018
Automatic screen navigation for media device configuration and control	US-2019058914-A1	10/23/2018
Adaptive multi-protocol control of a media device	US-2019191017-A1	12/13/2018
Obtaining enhanced metadata for media content	US-2019236090-A1	1/25/2019
Enhancing audio using a mobile device	US-9565497-B2	8/1/2014



**UCC FINANCING STATEMENT AMENDMENT**

FOLLOW INSTRUCTIONS

**A. NAME & PHONE OF CONTACT AT FILER (optional)**  
 MARY KEARNEY 212-508-6162

**B. E-MAIL CONTACT AT FILER (optional)**  
 MARY.KEARNEY@BRACEWELL.COM

**C. SEND ACKNOWLEDGMENT TO: (Name and Address)**

CAPITOL SERVICES, INC.  
 PO BOX 1831  
 AUSTIN, TX 78767  
 US

Delaware Department of State  
 U.C.C. Filing Section  
 Filed: 05:15 PM 08/05/2020  
 U.C.C. Initial Filing No: 2020 0233777  
 Amendment No: 2020 5392701  
 Service Request No: 20206600189

THE ABOVE SPACE IS FOR FILING OFFICE USE ONLY

1a. INITIAL FINANCING STATEMENT FILE NUMBER  
 20200233777

1b.  This FINANCING STATEMENT AMENDMENT is to be filed [for record] (or recorded) in the REAL ESTATE RECORDS  
 Filer: attach Amendment Acknowledgment (Form UCC3Ad) and provide Debtor's name in item 13

2.  **TERMINATION:** Effectiveness of the Financing Statement identified above is terminated with respect to the security interest(s) of Secured Party authorizing this Termination Statement

3.  **ASSIGNMENT** (full or partial): Provide name of Assignee in item 7a or 7b, and address of Assignee in item 7c and name of Assignor in item 9  
 For partial assignment, complete items 7 and 9 and also indicate affected collateral in item 8

4.  **CONTINUATION:** Effectiveness of the Financing Statement identified above with respect to the security interest(s) of Secured Party authorizing this Continuation Statement is continued for the additional period provided by applicable law

5.  **PARTY INFORMATION CHANGE:**  
 Check one of these two boxes:  Debtor or  Secured Party of record  
 AND Check one of these three boxes to:  
 CHANGE name and/or address: Complete item 6a or 6b, and item 7a or 7b and item 7c  
 ADD name: Complete item 7a or 7b, and item 7c  
 DELETE name: Give record name to be deleted in item 8a or 6b

6. **CURRENT RECORD INFORMATION:** Complete for Party Information Change - provide only one name (6a or 6b)

6a. ORGANIZATION'S NAME

OR

6b. INDIVIDUAL'S SURNAME FIRST PERSONAL NAME ADDITIONAL NAME(S)/INITIAL(S) SUFFIX

7. **CHANGED OR ADDED INFORMATION:** Complete for Assignment or Party Information Change - provide only one name (7a or 7b) (use exact, full name; do not omit, modify, or abbreviate any part of the Debtor's name)

7a. ORGANIZATION'S NAME

OR

7b. INDIVIDUAL'S SURNAME  
 INDIVIDUAL'S FIRST PERSONAL NAME  
 INDIVIDUAL'S ADDITIONAL NAME(S)/INITIAL(S) SUFFIX

7c. MAILING ADDRESS CITY STATE POSTAL CODE COUNTRY

8.  **COLLATERAL CHANGE:** Also check one of these four boxes:  ADD collateral  DELETE collateral  RESTATE covered collateral  ASSIGN collateral  
 Indicate collateral:

9. **NAME OF SECURED PARTY OF RECORD AUTHORIZING THIS AMENDMENT:** Provide only one name (9a or 9b) (name of Assignor, if this is an Assignment)  
 If this is an Amendment authorized by a DEBTOR, check here  and provide name of authorizing Debtor

9a. ORGANIZATION'S NAME  
 KAON MEDIA COMPANY LTD.

OR

9b. INDIVIDUAL'S SURNAME FIRST PERSONAL NAME ADDITIONAL NAME(S)/INITIAL(S) SUFFIX

10. **OPTIONAL FILER REFERENCE DATA:**  
 0002694.000001 - CAavo INC - DE - STATE