

## Cloud to Cable TV - Intellectual Property Portfolio

### What can CLOUD to CABLE can do for you?

For patent litigation matters, owning a license to our portfolio and patents brings value to your company, enhances the future and enables better positioning in the market.

In summary: ● Cloud & VOD Broadcast ● Cable TV and Satellite Broadcast

Cloud to Cable delivers a **one-stop-shop to "Amplify your Reach®"**

#### Appliance for Operators:



Patented technology

- VOD Broadcast
- Linear TV Broadcast

#### Mobile, Connected Apps



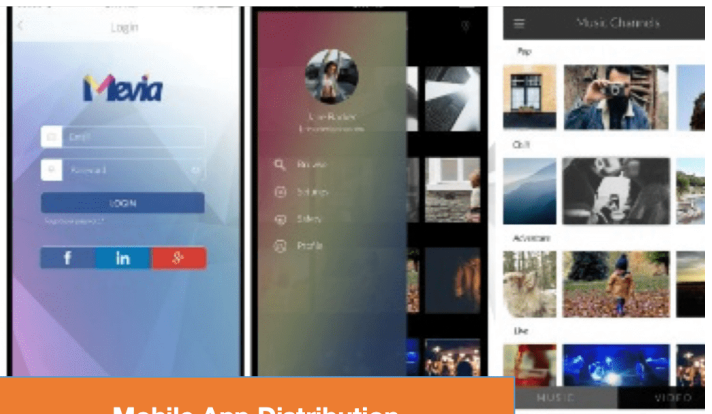
Reference implementations for Apps

- iOS, Android

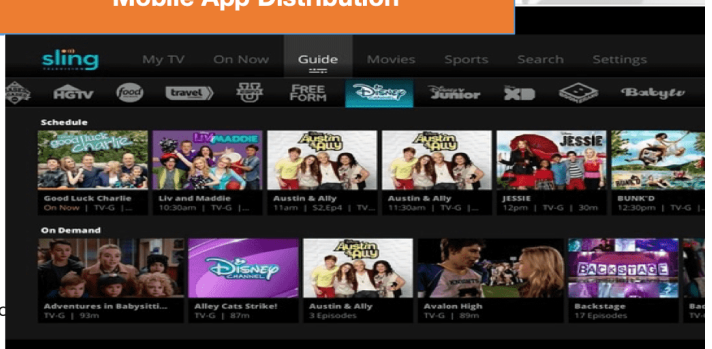
Cloud to Cable TV is the platform that makes it easy to send music channels, video channels, video on demand, and any other multimedia streaming content to millions of subscribers. Cloud to Cable enables a friendly distribution system for media owners, content providers, to subscribers in IPTV, Cable TV, OTT, or even satellite operators.



Cable TV Distribution



Mobile App Distribution




### Mobile and Cable TV distribution

We have developed a technology that sim greatly simplifies multimedia delivery of deliver music & TV content to cable operators and mobile devices, all in one-stop shop. Upload your content to our online drive or cloud storage, and get ready for distribution and monetization.;

# Overview of Patents

**Utility Patent Issued**  
**10,123,074 18 Claims**



**(12) United States Patent**  
**Hernandez-Mondragon**

(16) Patent No.: **US 10,123,074 B2**  
(45) Date of Patent: **Nov. 6, 2018**

(54) **METHOD, SYSTEM, AND APPARATUS FOR MULTIMEDIA CONTENT DELIVERY TO CABLE TV AND SATELLITE OPERATORS**

(71) Applicant: **Edwin A. Hernandez-Mondragon, Coral Springs, FL (US)**

(72) Inventor: **Edwin A. Hernandez-Mondragon, Coral Springs, FL (US)**

(\* \*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

**CLASSIFICATION**

(51) Int. Cl. No.: **H04N 21/2303**

(52) U.S. Cl. No.: **H04N 21/2303**

(53) Patent Classification: **H04N 21/2303**

(54) Field of Classification Search: **CPC — H04N 21/2303; H04N 21/2303; H04N 21/2303; H04N 21/2303** (Continued)

**REFERENCES CITED**

U.S. PATENT DOCUMENTS

6,986,129 A1 (2003) Mas et al. (2004) H04N 21/2303

7,309,888 B2 (2008) Reynolds et al. (Continued)

**OTHER PUBLICATIONS**

Justin P. "New Video From Any Site—Even Netflix—With Apple's Roku Capable Now", *Inc.*, 3, 2014 (Dec. 3, 2014), 201401216. Retrieved from the Internet, <http://www.venturebeat.com/2014/12/03/apple-roku-capable-now/> (retrieved on May 3, 2018).

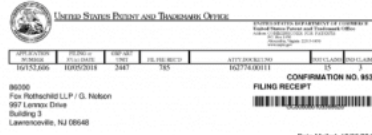
(Continued)

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(57) **ABSTRACT**

Systems, methods, and computer readable media for delivering multimedia content from the cloud to cable operators are disclosed. A device located at the cable headend or implemented in the cloud can receive a request for at least one media stream for playback on a client device. Content corresponding to the plurality of multimedia files in the media stream can be obtained from the internet or a cloud-based service. The content can be used to generate the multimedia file in a format that is compatible with the cable operator. The multimedia file can be used to assemble the at least one media stream which can be provided to the cable operator for broadcast on the broadcast media channel.

**US Patent Continuation**  
**16/152,608 14 Claims**



**United States Patent and Trademark Office**

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Case Name: Patent and Trademark Office  
Case No.: 16/152,608  
Filing Date: 11/06/2017

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FILING RECEIPT

86202  
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Date Mailed: 10/06/2018

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections.

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**Power of Attorney:** None

**Domestic Priority data as claimed by applicant**  
This application is a CONTINUATION OF 15/326,911 06/22/2017 PAT 10123074 which is a 371 of PCT/US2015/067464 12/22/2015 which claims benefit of 62/016,504 12/22/2014

**Foreign Applications for which priority is claimed** (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None  
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

**European**  
**EP3238457A1 23 Claims**

Method, system, and apparatus for multimedia content delivery to cable tv and satellite operators

**Abstract**

Systems, methods, and computer readable media for delivering multimedia content from the cloud to cable operators are disclosed. A device located at the cable headend or implemented in the cloud can receive a request for at least one media stream for playback on a client device. Content corresponding to the plurality of multimedia files in the media stream can be obtained from the internet or a cloud-based service. The content can be used to generate the multimedia file in a format that is compatible with the cable operator. The multimedia file can be used to assemble the at least one media stream which can be provided to the cable operator for broadcast on the broadcast media channel.

**Classification**

H04N 21/2303 (2013.01)

**Family**

Date	App. No.	Status
2015-12-22	EP1538457A1	Pending
2017-11-20	EP3238457A1	Application
2018-01-18	EP3238457A1	Application

**Info:** Patent Attorneys / Legal Events / Patent Accounts / Pending and Related Applications

**External Data:** European / USPTO / IP Rights / Global Databases / Services

 **Web-based technologies in Cable TV**

 **Music & TV Broadcasting**

 **Virtualization and Cloud-based claims**

Our intellectual property portfolio includes the following assets:

- US patents
- European patents
- Software and trade secrets

Our patented innovative technology is called: **CLOUD to CABLE**

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For patent litigation matters, owning a license to our portfolio and patents brings value to your company, enhances the future and enables better positioning in the market.

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### Appliance for Operators:



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 Linear TV Broadcast

### Mobile, Connected Apps



Reference implementations for Apps  
 iOS, Android

In essence, cloud to cable brings value by bringing to you, an easy way to do:

- Music broadcasting to Operators, mobile, IPTV, cable TV, or even satellite,
- Modern virtualization and cloud technologies integrated into our software,
- Broadcasting with fault-tolerance, ready for high-reliability, and great quality of service.
- Parallel transcoding meaning you can deliver 5, 10, 50, even 100 music or TV channels depending on the hardware chosen, number of instances, and bandwidth purchased from us,
- Web-based approach, yes all is web-based, no funky DIGICIPHER II, MPEG TS, or any of that, all if works on the web, works with Cable TV, Satellite, all and all.
- Interactive and VOD integration
- TV & Music all in one Platform

PDF file with our presentation slide deck:

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