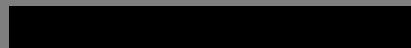




**Yealink (USA) Network Technology Co., LTD., and Yealink
Network Technology Co., LTD. v. Barco N.V.**

**Case No. IPR2025-0491 (U.S. Patent No. 10,684,972)
Patent Owner Demonstrative Slides**

Thursday, April 16, 2026
1:00 PM Eastern



- Demonstrative Only – Not Evidence

PO-1

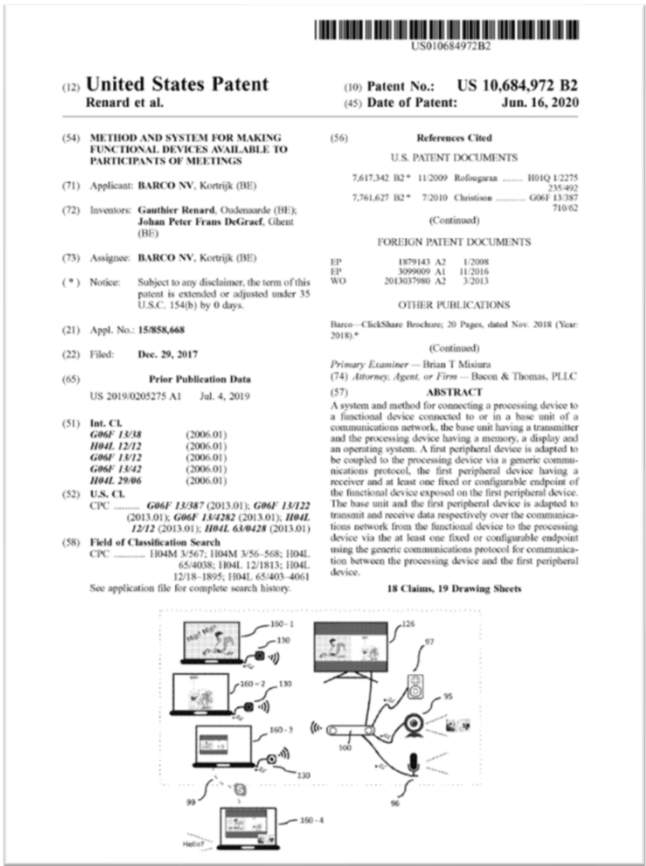
Overview

[REDACTED] - Demonstrative Only – Not Evidence

PO-2



US Patent No. 10,684,972



1. A system for connecting a processing device to a functional device connected to or in a base unit of a communications network, the processing device having a memory, a display and an operating system, the system comprising:

a first peripheral device being adapted to be coupled to the processing device via a generic communications protocol,

the base unit having a transmitter and the first peripheral device having a receiver and at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of the functional device exposed or made available on the first peripheral device;

the base unit and the first peripheral device being adapted to transmit and receive data respectively over the communications network from the functional device to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the first peripheral device,

wherein the processing device is adapted to host a unified communication between two or more processing devices.

Ex. 1001, Cl. 1

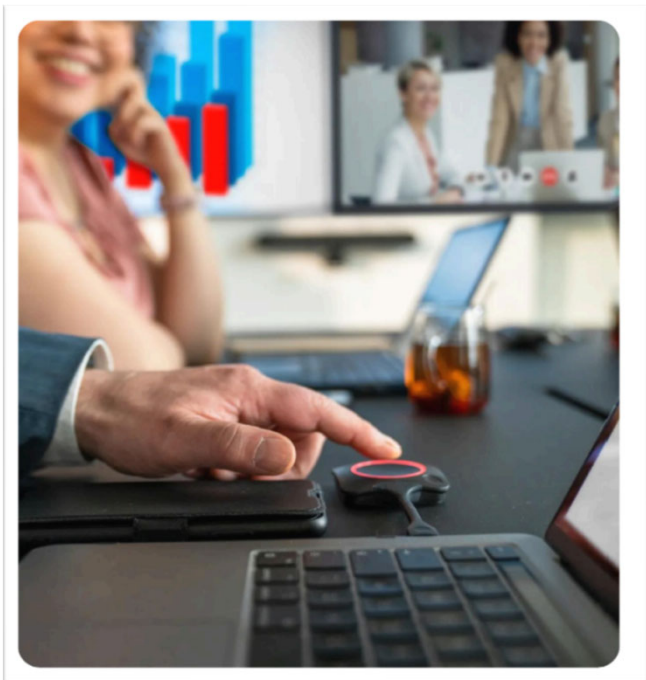
9. A method for connecting a processing device to a functional device connected to or in a base unit of a communications network, the processing device having a memory, a display and an operating system, the base unit having a transmitter and the first peripheral device having a receiver the method comprising:

coupling a first peripheral device to the processing device via a generic communications protocol,
 providing at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of the functional device exposed or made available on the first peripheral device;
 transmitting data from the base unit and receiving the data at the first peripheral device over the communications network from the functional device to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the first peripheral device,
 further comprising hosting a unified communication between two or more processing devices on the processing device.

15. A peripheral device adapted to be coupled to a processing device via a generic communications protocol, the peripheral device having a receiver and at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of a functional device exposed or made available on the first peripheral device;

the receiver of the first peripheral device being adapted to receive data over the communications network from the functional device and for sending the data to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the peripheral device,
 wherein the peripheral device is configured to present the processing device to host a unified communication between two or more processing devices.

Ex. 1001, Cls. 9, 15



Ex. 2014

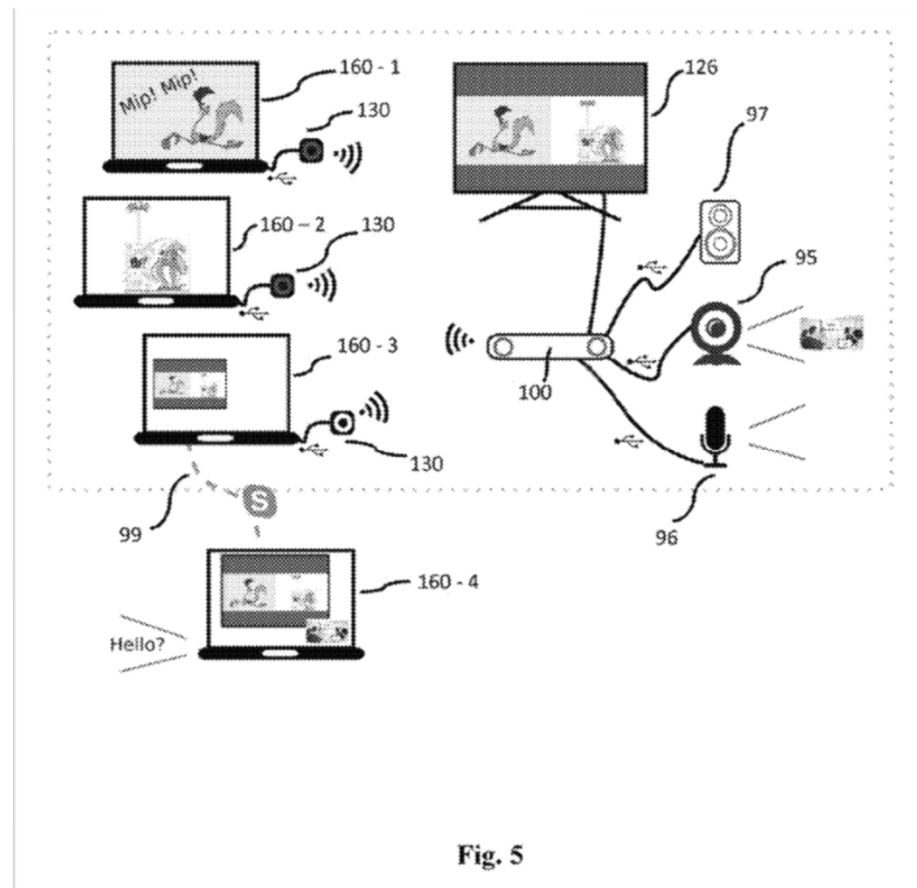


Fig. 5

Ex. 1001, '972 Patent, Fig. 5; POR, 5



- Demonstrative Only – Not Evidence

PO-5



POR, 49, Fn. 4





Competitors' Acquiescence – Crestron

Patents (current products)

Crestron has been a leading innovator in commercial and residential control and automation solutions for more than 40 years. Crestron employs over 450 engineers in its 150,000 square foot state-of-the-art research & development facility in Rockleigh, New Jersey. This commitment to innovation is evident in Crestron's large and growing patent portfolio.

In accordance with Section 287(a) of Title 35 of the United States Code, the reader is hereby placed on notice of Crestron Electronics' rights in the United States Patents listed on this site and associated with the following products.

The patents and patent applications referred to below as "Barco ClickShare Patents" include US 8756348, US 9083769, US 9722986, US 10050800, US 10585814, US 10684972, US 10762002, US 10795832, US 10904103, US 10965480, US 11151060, US 11216392, US 11258676, US 11403237, US 11422951, US 20210191893, US 20220173981, US 20220206963, US 20220269634, US 20220276974.

Ex. 2018; POR, 70–72

21 Crestron needed access to that. And Crestron is not a tiny
22 company. Crestron makes the display center in this conference room. This
23 screen right here is a Crestron screen. The base unit that's in this podium is
1 a Crestron base unit. Crestron is a giant company that recognized the value
2 of this technology and sought out the license.

IPR2024-01436 Hearing Tr. at 124:21–125:2; PO-SR, 24



- Demonstrative Only – Not Evidence

PO-7

Ground 1 – Beel, Dinka, and Christison

[REDACTED] - Demonstrative Only – Not Evidence

PO-8

“transmit and receive data respectively”

1. A system for connecting a processing device to a functional device connected to or in a base unit of a communications network, the processing device having a memory, a display and an operating system, the system comprising:

- a first peripheral device being adapted to be coupled to the processing device via a generic communications protocol,
- the base unit having a transmitter and the first peripheral device having a receiver and at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of the functional device exposed or made available on the first peripheral device;
- the base unit and the first peripheral device being adapted to transmit and receive data respectively over the communications network from the functional device to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the first peripheral device,

wherein the processing device is adapted to host a unified communication between two or more processing devices.

Ex. 1001, Cl. 1; POR, 14–19

- Demonstrative Only – Not Evidence

PO-9

“transmit and receive data respectively”

9. A method for connecting a processing device to a functional device connected to or in a base unit of a communications network, the processing device having a memory, a display and an operating system, the base unit having a transmitter and the first peripheral device having a receiver the method comprising:

coupling a first peripheral device to the processing device via a generic communications protocol, providing at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of the functional device exposed or made available on the first peripheral device;

transmitting data from the base unit and receiving the data at the first peripheral device over the communications network from the functional device to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the first peripheral device,

further comprising hosting a unified communication between two or more processing devices on the processing device.

15. A peripheral device adapted to be coupled to a processing device via a generic communications protocol, the peripheral device having a receiver and at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of a functional device exposed or made available on the first peripheral device;

the receiver of the first peripheral device being adapted to receive data over the communications network from the functional device and for sending the data to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the peripheral device,

wherein the peripheral device is configured to present the processing device to host a unified communication between two or more processing devices.

Ex. 1001, Cls. 9, 15; POR, 14–19

Ex. 1005, ¶120, Fig. 1a; POR, 15–18



Beel Fails To Teach “transmit and receive data respectively”

[0119] The display node **36** is coupled to and adapted to allow display of media on some kind of display **44**. The display node is in embodiments of the present invention a base node of the communications network **50**. The display **44** may be a projector and/or screen, the projector being coupled to the base node **36**. A whiteboard **45** can optionally be provided that can be optionally coupled to the display **44** and/or the base node **36**, e.g. when the whiteboard can record electronically what is written on it. Optionally, a camera **35** may be provided to record the entries on the whiteboard **45**. The camera **35** may have a third connection unit **52** for connecting the camera **35** to the network **50** so that the data from the whiteboard can be recorded and stored or transmitted to other networks via router **42**. The connection unit **52** may have an input device **53** as described above for the connection unit **47**.

[0121] Any or all of the outputs of the processing devices 31, the cameras, the whiteboard, etc. can be recorded and stored digitally, e.g. in node 36 or elsewhere to provide a complete record with correct time sequence.

Ex. 1005, ¶¶119, 121, Fig. 1a; POR, 15–18

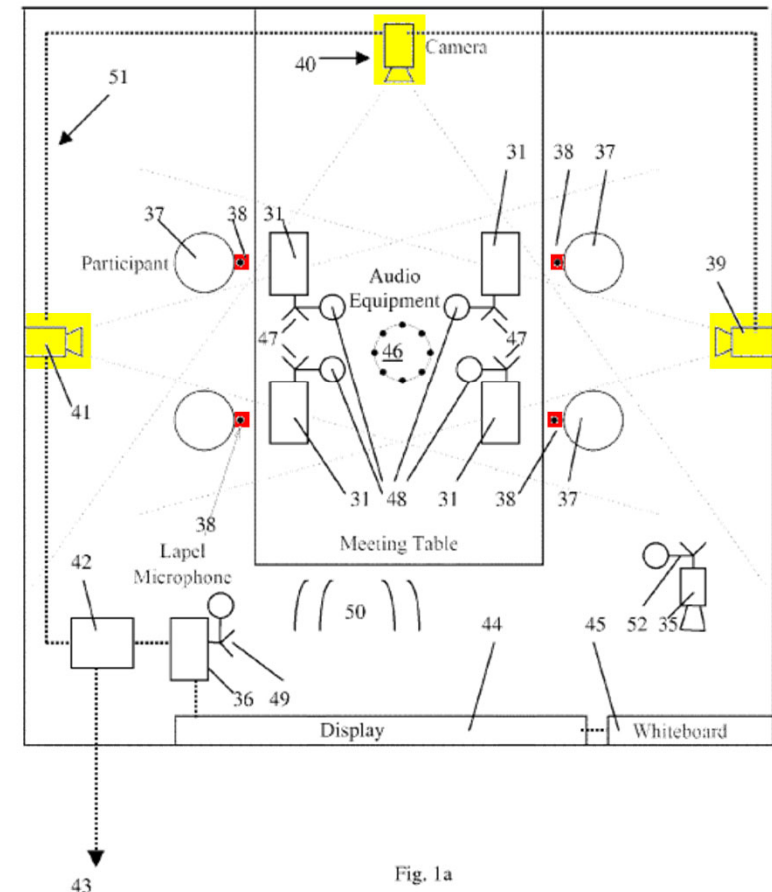


Fig. 1a

Beel's Conference Room

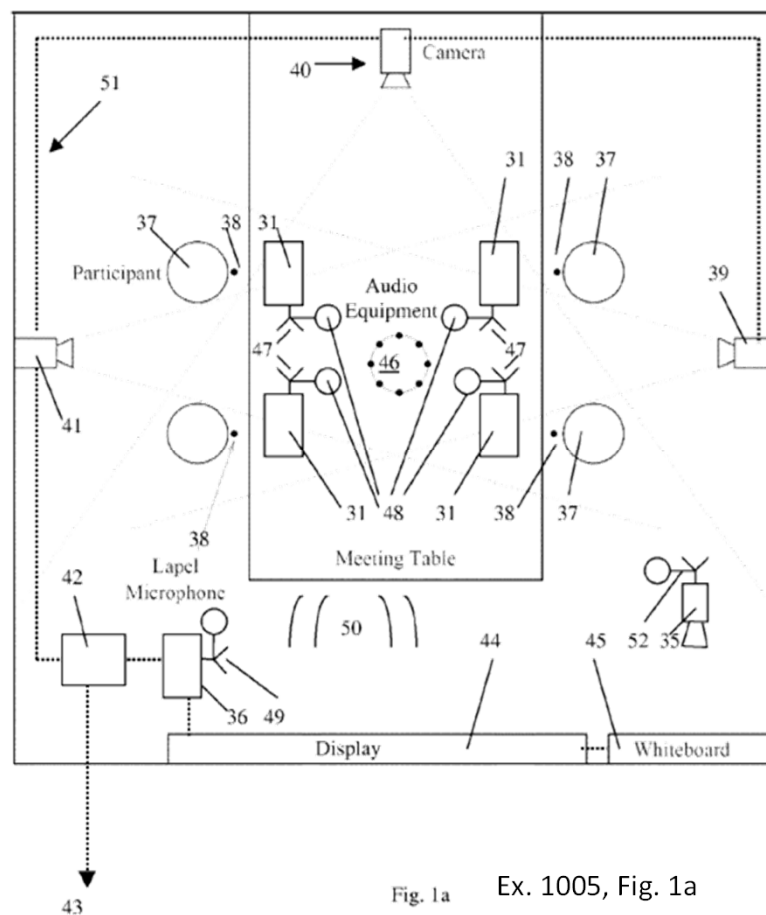
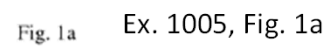


Fig. 1a Ex. 1005, Fig. 1a

- Demonstrative Only – Not Evidence

PO-13



Dr. Almeroth's Unsupported Hindsight Interpretation

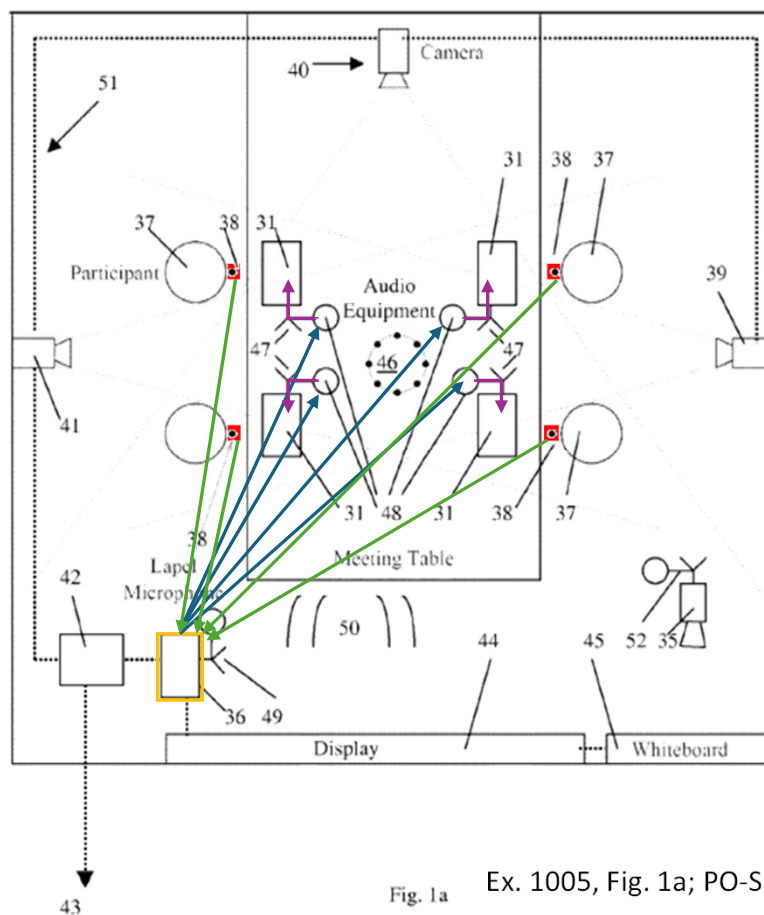


Fig. 1a Ex. 1005, Fig. 1a; PO-SR, 6

- Demonstrative Only – Not Evidence

PO-16



The Claimed Endpoints

1. A system for connecting a processing device to a functional device connected to or in a base unit of a communications network, the processing device having a memory, a display and an operating system, the system comprising:

- a first peripheral device being adapted to be coupled to the processing device via a generic communications protocol,
- the base unit having a transmitter and the first peripheral device having a receiver and at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of the functional device exposed or made available on the first peripheral device;
- the base unit and the first peripheral device being adapted to transmit and receive data respectively over the communications network from the functional device to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the first peripheral device,
- wherein the processing device is adapted to host a unified communication between two or more processing devices.

Ex. 1001, Cl. 1; POR, 19–24

- Demonstrative Only – Not Evidence

PO-17

The Claimed Endpoints

9. A method for connecting a processing device to a functional device connected to or in a base unit of a communications network, the processing device having a memory, a display and an operating system, the base unit having a transmitter and the first peripheral device having a receiver the method comprising:

coupling a first peripheral device to the processing device via a generic communications protocol,

providing at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of the functional device exposed or made available on the first peripheral device;

transmitting data from the base unit and receiving the data at the first peripheral device over the communications network from the functional device to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the first peripheral device,

further comprising hosting a unified communication between two or more processing devices on the processing device.

15. A peripheral device adapted to be coupled to a processing device via a generic communications protocol, the peripheral device having a receiver and at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of a functional device exposed or made available on the first peripheral device;

the receiver of the first peripheral device being adapted to receive data over the communications network from the functional device and for sending the data to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the peripheral device,

wherein the peripheral device is configured to present the processing device to host a unified communication between two or more processing devices.

Ex. 1001, Cls. 9, 15; POR, 19–24

Dinka Teaches Away From The Claimed Invention

A problem with packet-based communications is that their accessibility to users is limited. In particular, such communications are most commonly accessed using a personal computer. This has the disadvantage that the user must be sufficiently technically competent to download, install and operate the packet-based communication client software on their personal computer, which provides a barrier to the take-up. Even when the communication client is installed and executed on a personal computer, its use may be limited because personal computers are often not located in a place where the user is either familiar or comfortable with communicating. For example, a personal computer is often located in a study which for many users is not the most natural or comfortable environment for making phone calls.

Whilst packet-based communication systems can also be accessed via certain mobile devices, these generally do not have processing resources or display screens available to offer a full range of features, such as video calling.

It would therefore be desirable to make packet-based communications more accessible to users. One way to do this would be to run a packet-based communication client on a processor embedded in a familiar household media appliance like a television set or set-top box for plugging into a television. Embedded in this context means within the casing of the appliance. The ability to integrate an embedded processor into a television set or set-top box is known, and indeed many modern televisions and boxes already contain a processor for performing at least some of the digital signal processing required to decode and output viewable television signals to the screen.

Ex. 1006, 2:1–30; POR, 25–28

Ground 2 — Kaplan, Van de Laar, and Christison

[REDACTED] - Demonstrative Only – Not Evidence

PO-21

“transmit and receive data respectively”

1. A system for connecting a processing device to a functional device connected to or in a base unit of a communications network, the processing device having a memory, a display and an operating system, the system comprising:

- a first peripheral device being adapted to be coupled to the processing device via a generic communications protocol,
- the base unit having a transmitter and the first peripheral device having a receiver and at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of the functional device exposed or made available on the first peripheral device;
- the base unit and the first peripheral device being adapted to transmit and receive data respectively over the communications network from the functional device to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the first peripheral device,
- wherein the processing device is adapted to host a unified communication between two or more processing devices.

Ex. 1001, Cl. 1; POR, 33–34

- Demonstrative Only – Not Evidence

PO-22

Kaplan Fails To Teach “transmit and receive data respectively”

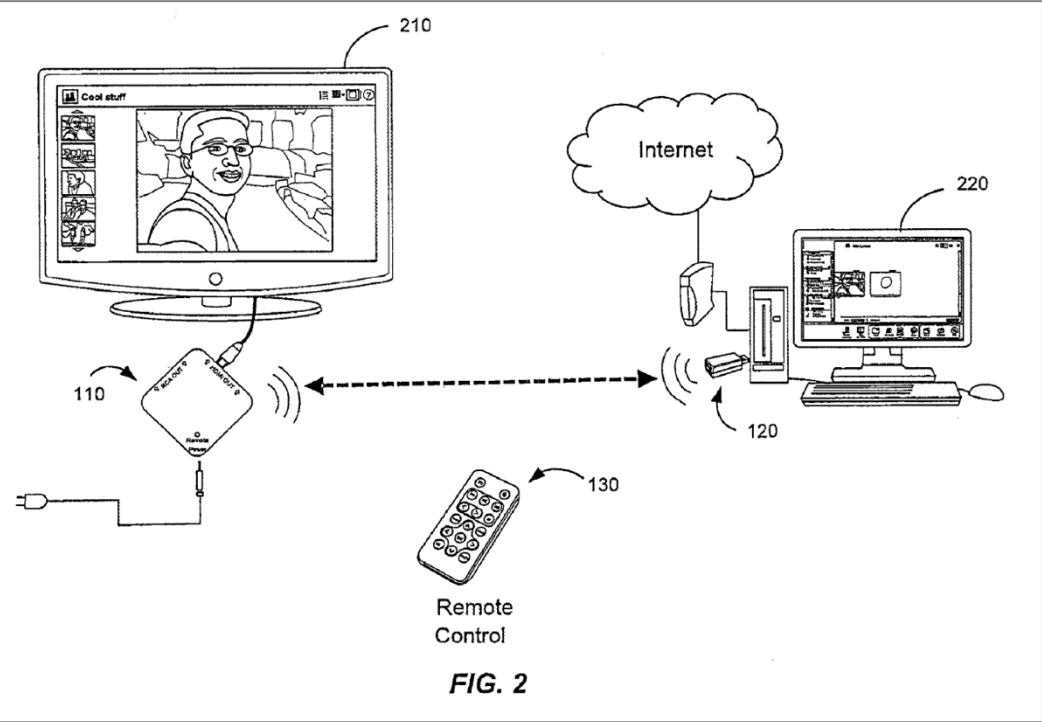


TABLE 1	
Feature	Specification
Wireless Range	Up to 200 ft with clear line of sight with up to 50 ft reduction per wall (construction material dependent)
Wireless Bandwidth	12 Mbits/sec
Wireless Security	Proprietary streams; No access to computer through transmitter
Wireless Interference	Compliance with FCC and WiFi requirements
Pairing	Pre-pairing of receiver, transmitter, and remote control as a component of the manufacturing process
Response Durations	No longer than 3 seconds of latency for starting playback on the display device; Minimal latency for selection/navigation, preferably less than 1/10th of a second; Pause and continue playing - nearly instantaneous; Skip next/previous - up to 3 seconds; Enter new folder (populate one screen's worth of

Ex. 1008, Table 1, Fig. 2; PO-SR, 12–13

Van De Laar Fails To Teach “transmit and receive data respectively ”

[0055] The invention is also based on the following recognition. Traditionally docking assumes that the dockee gets access to a peripheral so as to control the peripheral to perform its intended function, i.e. the peripheral “as it is”. The inventors have seen that the above problems of interference between dockees when attempting to dock to a same peripheral are overcome by distinguishing at least two types of dockees, and providing control over the peripheral to only a primary dockee. The secondary dockee gets a different, restricted access to the peripheral, or, in effect, a different peripheral function is presented to the secondary dockee to represent the access to the original peripheral. For example, the primary dockee gets access to a display, whereas the secondary dockee is enabled to monitor the output on the display by receiving a video data stream of a peripheral similar to a camera function.

[0096] In an embodiment of the docking system, the WDH device is further configured to create and provide a video and/or audio stream representing the video and/or audio output that is sent by primary dockees to the one or more display and/or audio peripherals. This allows all dockees (primary and secondary) to monitor the merged display output and/or audio output and follow the presentation on their own screen and/or headphones. This is very useful for large meeting/lecture rooms, which may be noisy and where not everyone may have a good clear visibility and readability of the display peripheral(s) being driven by the primary dockees, and is useful to get better visibility and control over the screen for users of other primary dockees who may wish to simultaneously share the screen in order to collaborate.

Ex. 1007, ¶¶55, 96; POR, 33–34

Van De Laar Fails To Teach “transmit and receive data respectively ”

[0060] Optionally, the docking processor is arranged for, upon instruction of a primary and/or secondary dockee device, transforming a secondary device into a primary dockee device, or a primary dockee device into a secondary device. Advantageously, in a group of dockees, the assignment of the primary and secondary dockee function can be modified later. Furthermore, the docking processor may be arranged for accommodating direct communication between two dockee devices, for example to enable an exchange of questions and answers, or data. Such direct communication may be applied to enable messaging as a user function. Furthermore, the docking processor may be arranged for assigning multiple dockee devices to a group and accommodating direct communication between dockee devices of the group. Within such group, all members are now enabled to communicate. Also, a number of groups and/or subgroups may be formed having respective communication facilities. Furthermore, the docking processor may be arranged for sharing of content or messages between all dockee devices. Furthermore, the docking processor may be arranged for using local network broadcast or content scaling for transferring shared content to multiple dockee devices.

[0103] In an embodiment of the docking system, a dockee device may connect to the video and/or audio stream provided by the WDH that represents the video and/or audio output that is sent by primary dockees to the one or more display and/or audio peripherals, the dockee device rendering the respective stream being received on its screen and/or audio output devices. This allows all dockees (primary and secondary) to monitor the merged display output and/or audio output and follow the presentation on their own screen and/or headphones. This is very useful for large meeting/lecture rooms, which may be noisy and where not everyone may have a good clear visibility and readability of the display peripheral(s) being driven by the primary dockees, and is useful to get better visibility and control over the screen for users of other primary dockees who may wish to collaborate and share the screen.

Ex. 1007, ¶¶60, 103; POR, 33-34; PO-SR, 12-14



The Claimed Endpoints

1. A system for connecting a processing device to a functional device connected to or in a base unit of a communications network, the processing device having a memory, a display and an operating system, the system comprising:
a first peripheral device being adapted to be coupled to the processing device via a generic communications protocol,
the base unit having a transmitter and the first peripheral device having a receiver and at least one fixed or a configurable endpoint, where the at least one fixed or a configurable endpoint is a data source or a data sink which is able to store or emit data, of the functional device exposed or made available on the first peripheral device;
the base unit and the first peripheral device being adapted to transmit and receive data respectively over the communications network from the functional device to the processing device via the at least one fixed or configurable endpoint using the generic communications protocol for communication between the processing device and the first peripheral device,
wherein the processing device is adapted to host a unified communication between two or more processing devices.

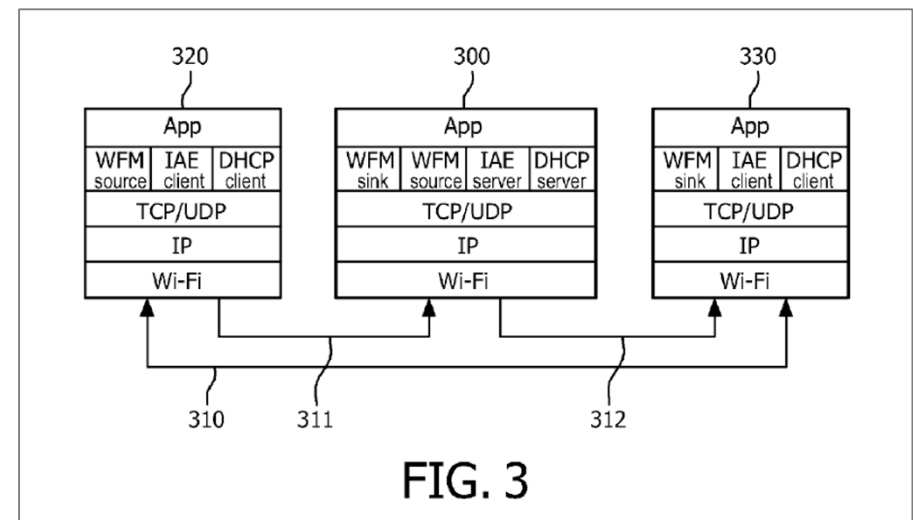
Ex. 1001, Cl. 1; POR, 34–37

- Demonstrative Only – Not Evidence

PO-26

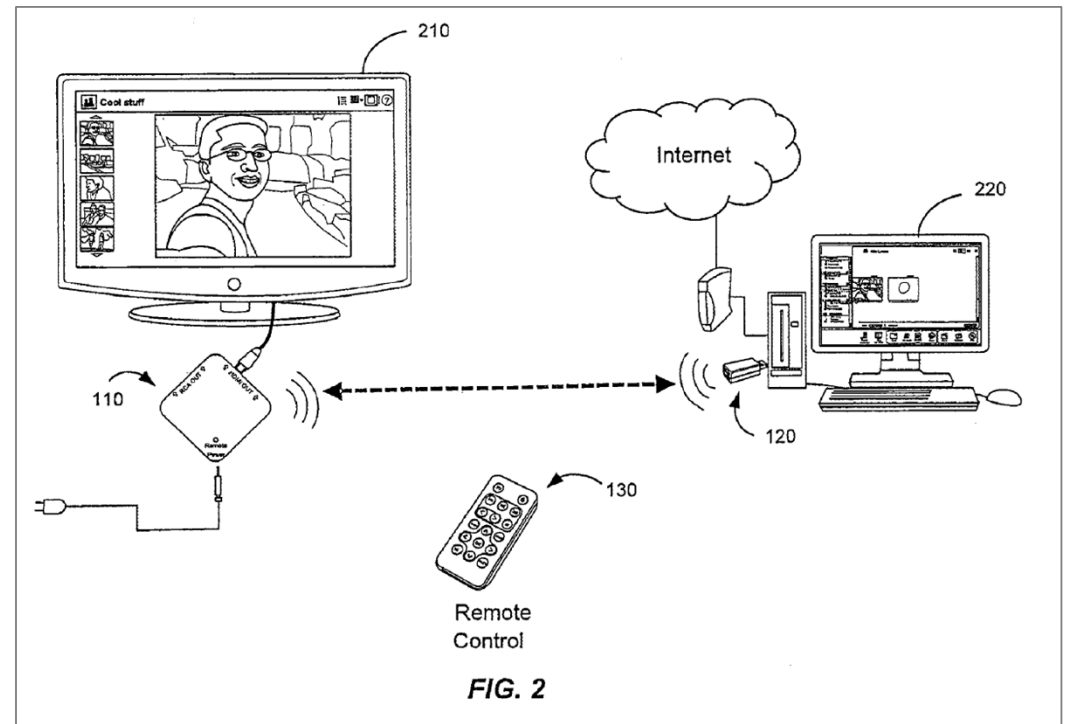
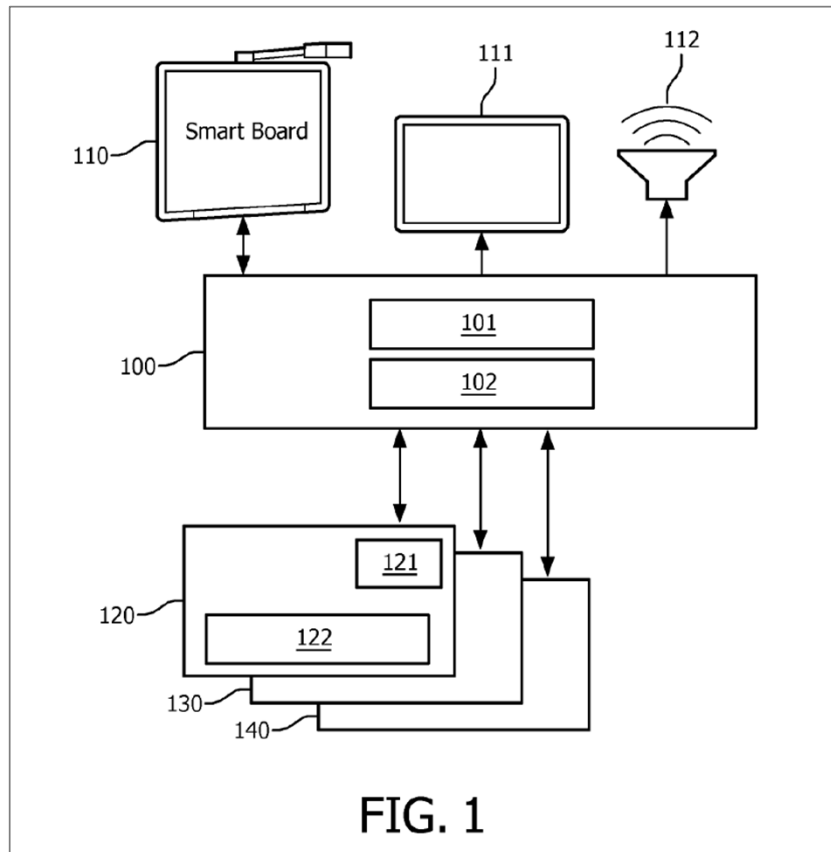
Van de Laar Fails To Teach The Claimed Endpoints

[0126] The figure illustrates a primary dockee running a docking application using Wi-Fi Miracast (WFM) over IP and connected to a WDH functioning as group owner (GO) in a Wi-Fi Direct network, for example in intra BSS mode. The primary dockee will function as a WFM source and the WDH as both a WFM sink and source. In order to allow the secondary dockee(s) to function as a WFM sink the WDH should forward the WFM packets in broadcast mode. Optionally the WDH may scale the audio/video data to constrain bandwidth.



Ex. 1007, ¶126, Fig. 3; POR, 36–37; PO-SR, 14–16

There Is No Motivation To Combine



Ex. 1008, Fig. 2; Ex. 1007, Fig. 1; POR, 38–44; PO-SR, 16–18



- Demonstrative Only – Not Evidence

PO-28

There Is No Motivation To Combine

[0116] The description below provides further practical embodiments and implementation options using Wi-Fi Direct (a.k.a. Wi-Fi Peer to Peer), known from the document “Wi-Fi Wi-Fi Peer-to-Peer (P2P) Technical Specification, Version 1.1, 2010”, from the Wi-Fi Alliance. Wi-Fi Direct is a standard that allows Wi-Fi devices to connect to each other with no need for a wireless access point. Wi-Fi Direct plays an important role for connecting standalone wireless devices and peripherals, such as display devices/peripherals supporting Wi-Fi Miracast, and I/O devices/peripherals supporting Wi-Fi Serial Bus (e.g. wireless mouse, keyboard, printer, USB hub). It is therefore an important technology for wireless docking, a technology to enable a portable device to connect to a multitude of wireless peripherals. In Wi-Fi Direct, a user pairing step typically needs to be performed for every new Wi-Fi Direct connection that is created. When two Wi-Fi Direct devices want to communicate, one of them becomes the so-called Group Owner (GO). The other device takes the client role. Together they form a so-called P2P group. If all Wi-Fi Direct devices in the group connect to the same GO, and if the GO supports the so-called Intra-BSS distribution feature of Wi-Fi Direct, it is sufficient for the other wireless device to connect to this GO to be able to communicate with all the devices in the group. An Intra-BSS Distribution field indicates if a device is hosting, or intends to host, a Group that provides a data distribution service between clients in the Group.

[0021] FIG. 2 is a simplified illustration of an exemplary use of the communications system, according to an embodiment of the present invention. As shown, the receiver 110 is connected to display device 210, for example, a television or other video display monitor. The embodiment illustrated in

...

the proximity of communication system 100. However, embodiments of the present invention provide a “walled garden” approach in which no configuration actions on the part of the user are needed. Because the receiver 110, the transmitter 120, and/or the remote control 130 are pre-paired prior to shipment from the manufacturer and/or delivery to the user, the user does not need to configure these devices and the user experience is more streamlined—the user just plugs-in the devices and the operate as intended. As an example, the receiver 110 is coupled to a television using an HDMI cable, the transmitter 120 is inserted into the USB port of a computer containing video files, and with no wireless setup actions, the user is able to watch the videos on the television. This contrasts sharply with conventional wireless networking system setup procedures.

Ex. 1007, ¶116; Ex. 1008, ¶21; POR, 38–44; PO-SR, 16–18

Objective Indicia of Non-Obviousness

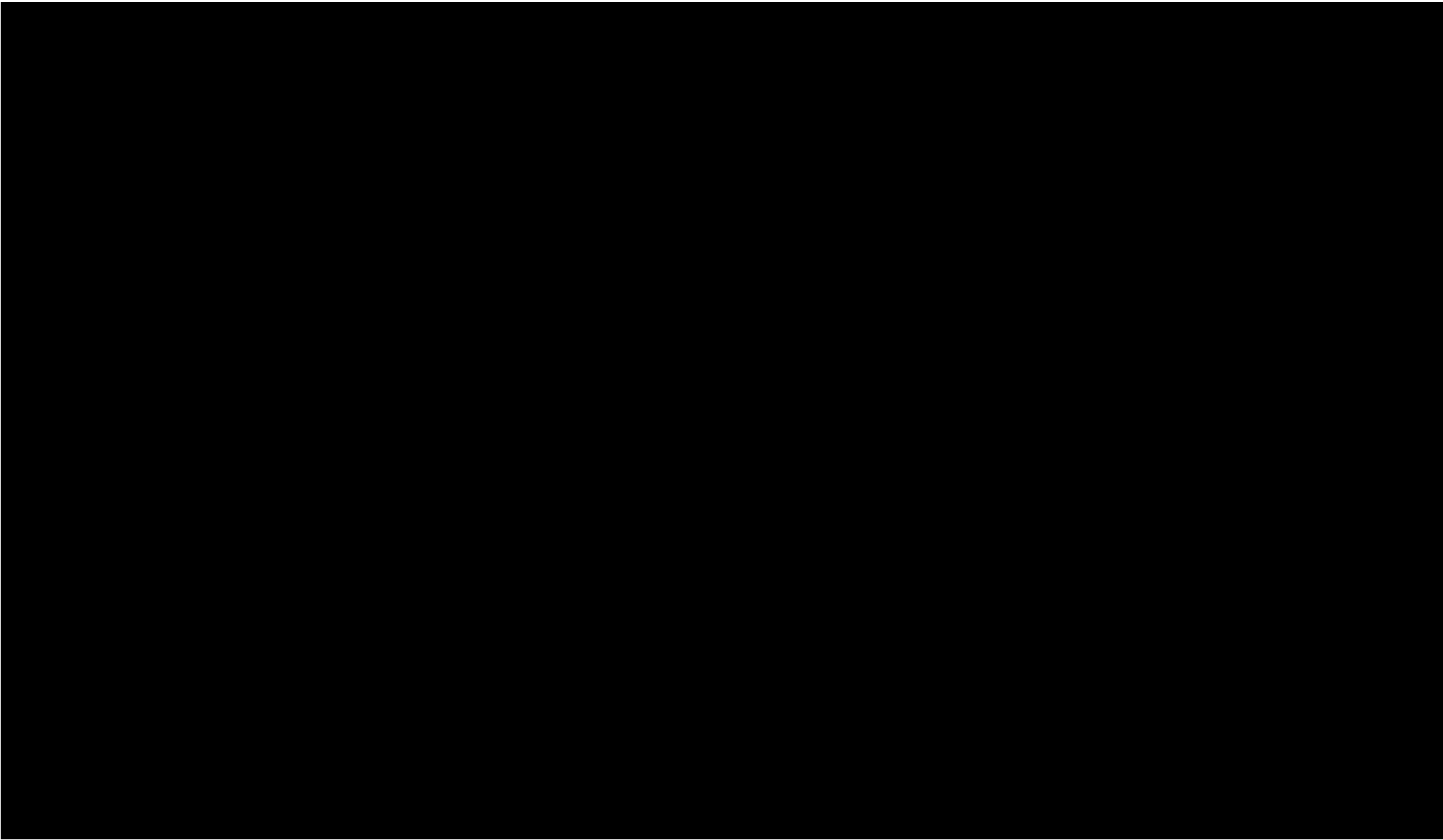
[REDACTED] - Demonstrative Only – Not Evidence

PO-30

SEAL HEARING

[REDACTED] - Demonstrative Only – Not Evidence

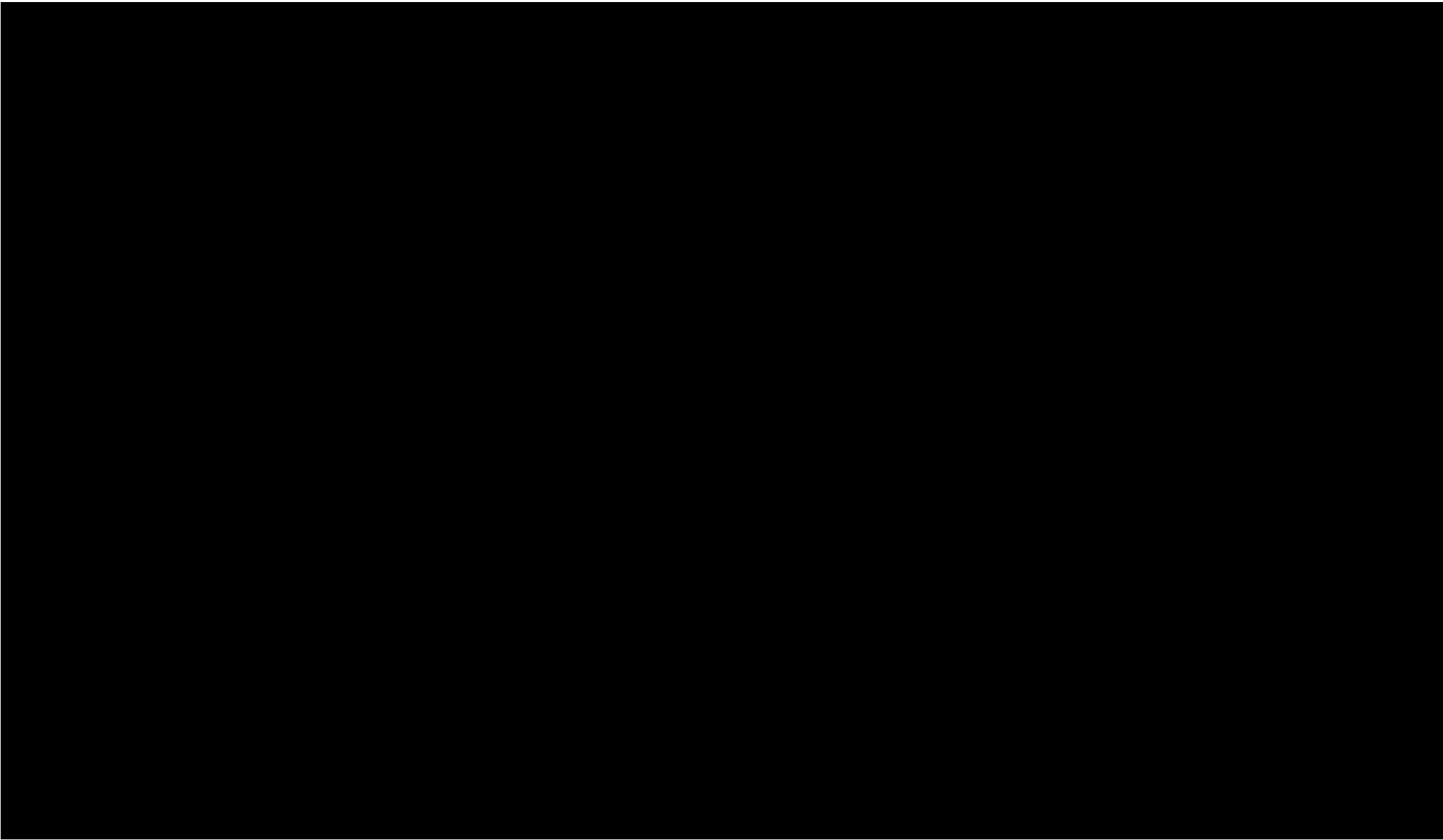
PO-31



[Redacted]

- Demonstrative Only – Not Evidence

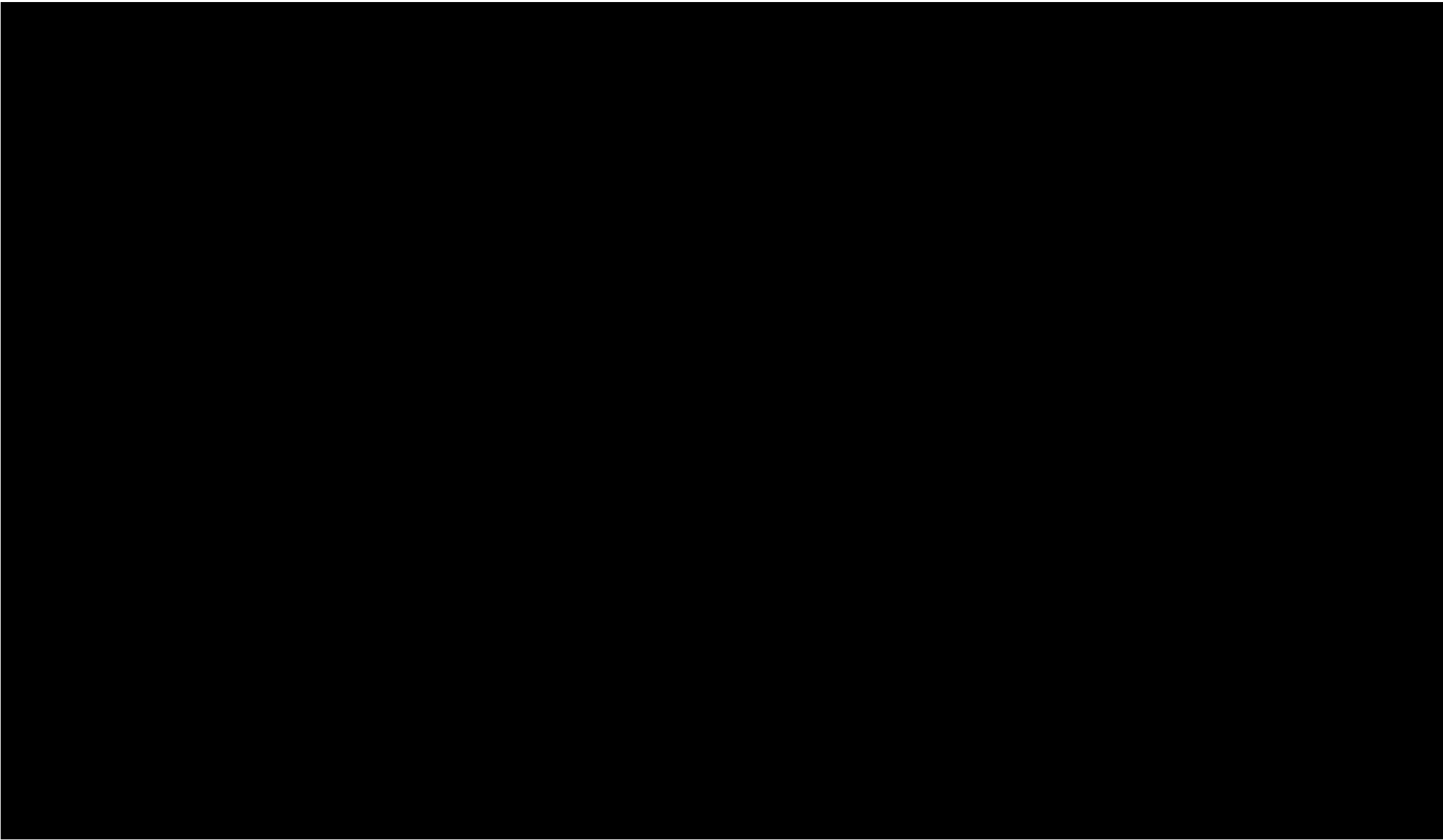
PO-32



[Redacted]

- Demonstrative Only – Not Evidence

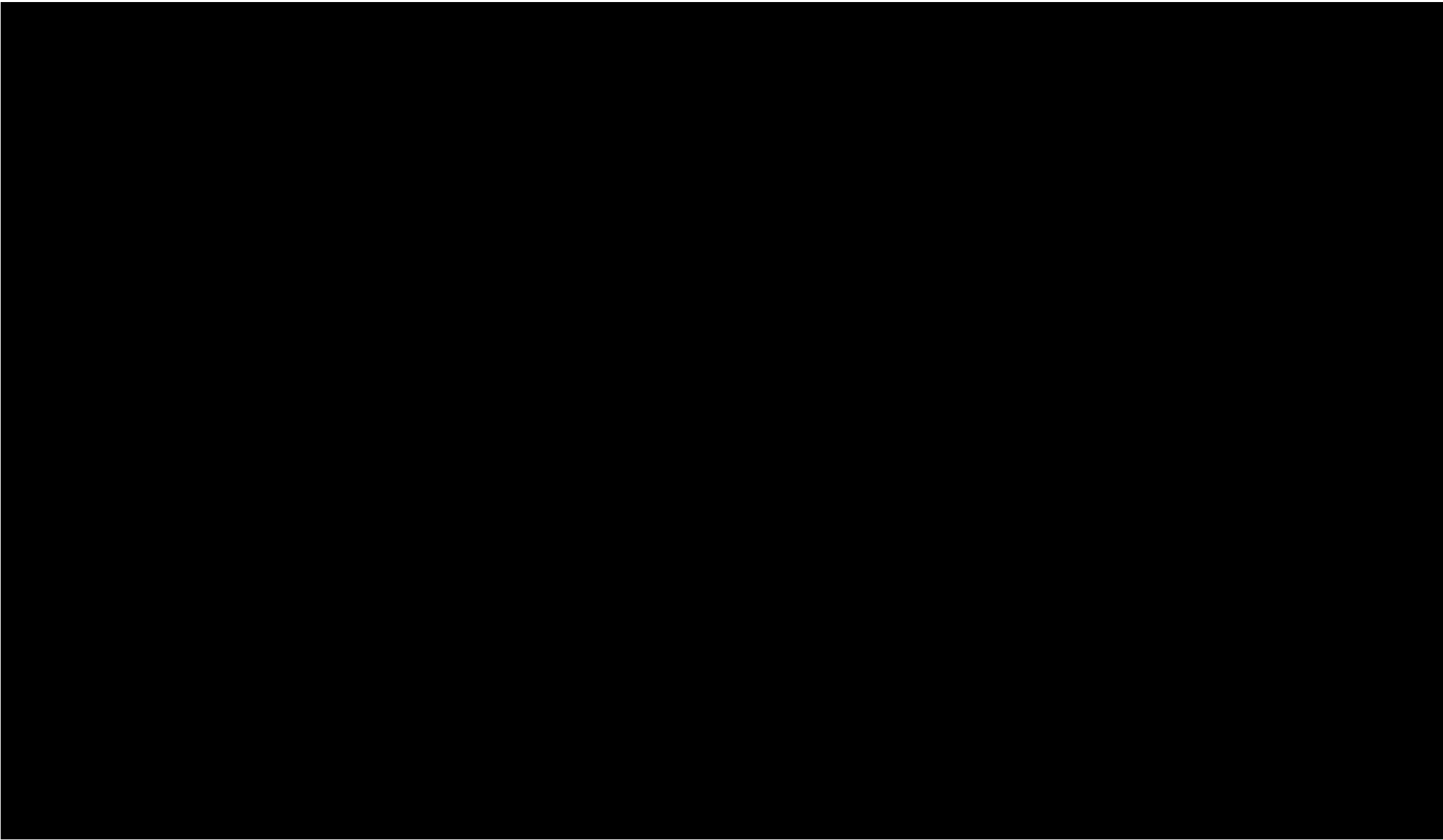
PO-33



[Redacted]

- Demonstrative Only – Not Evidence

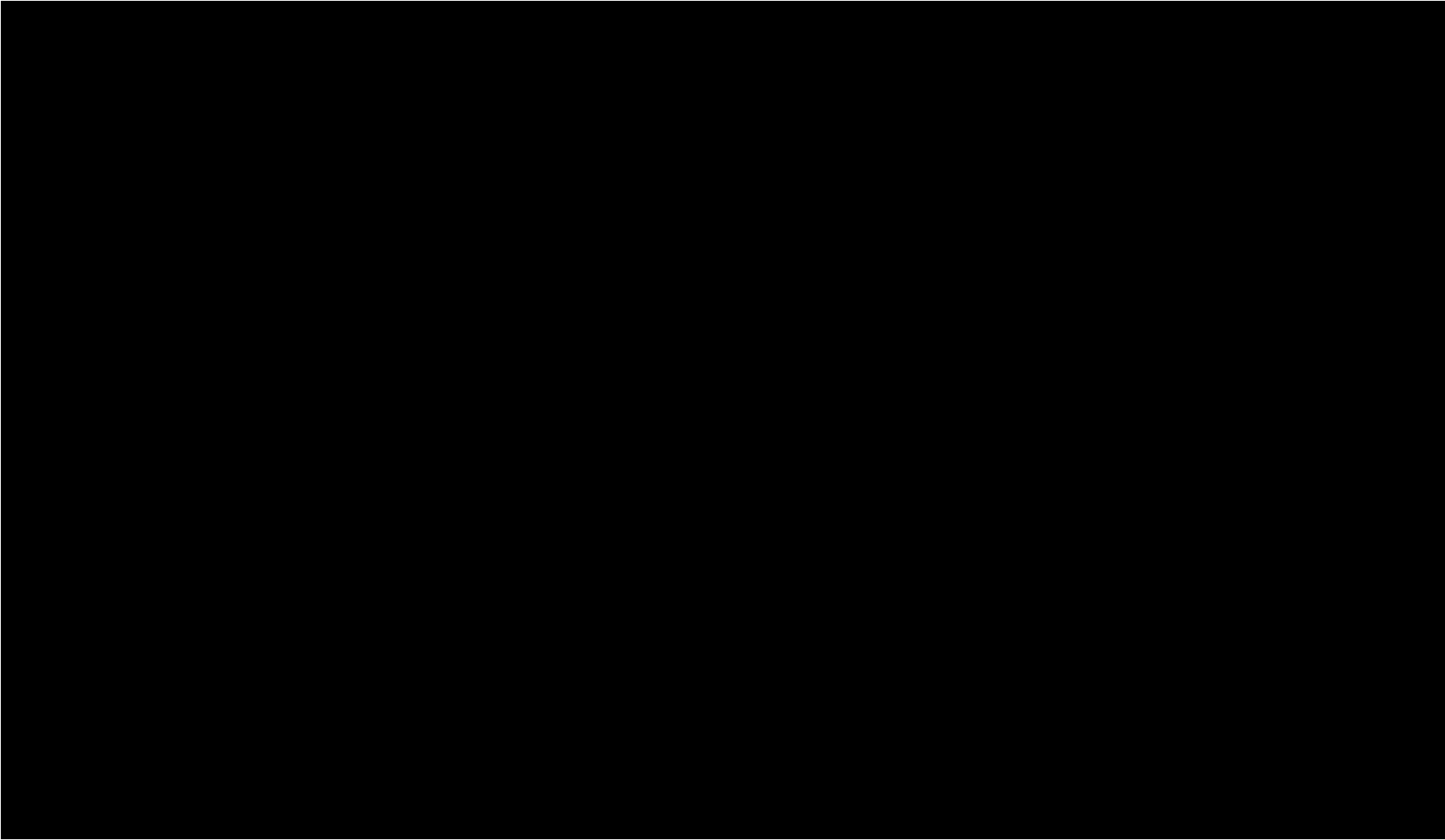
PO-34



[Redacted]

- Demonstrative Only – Not Evidence

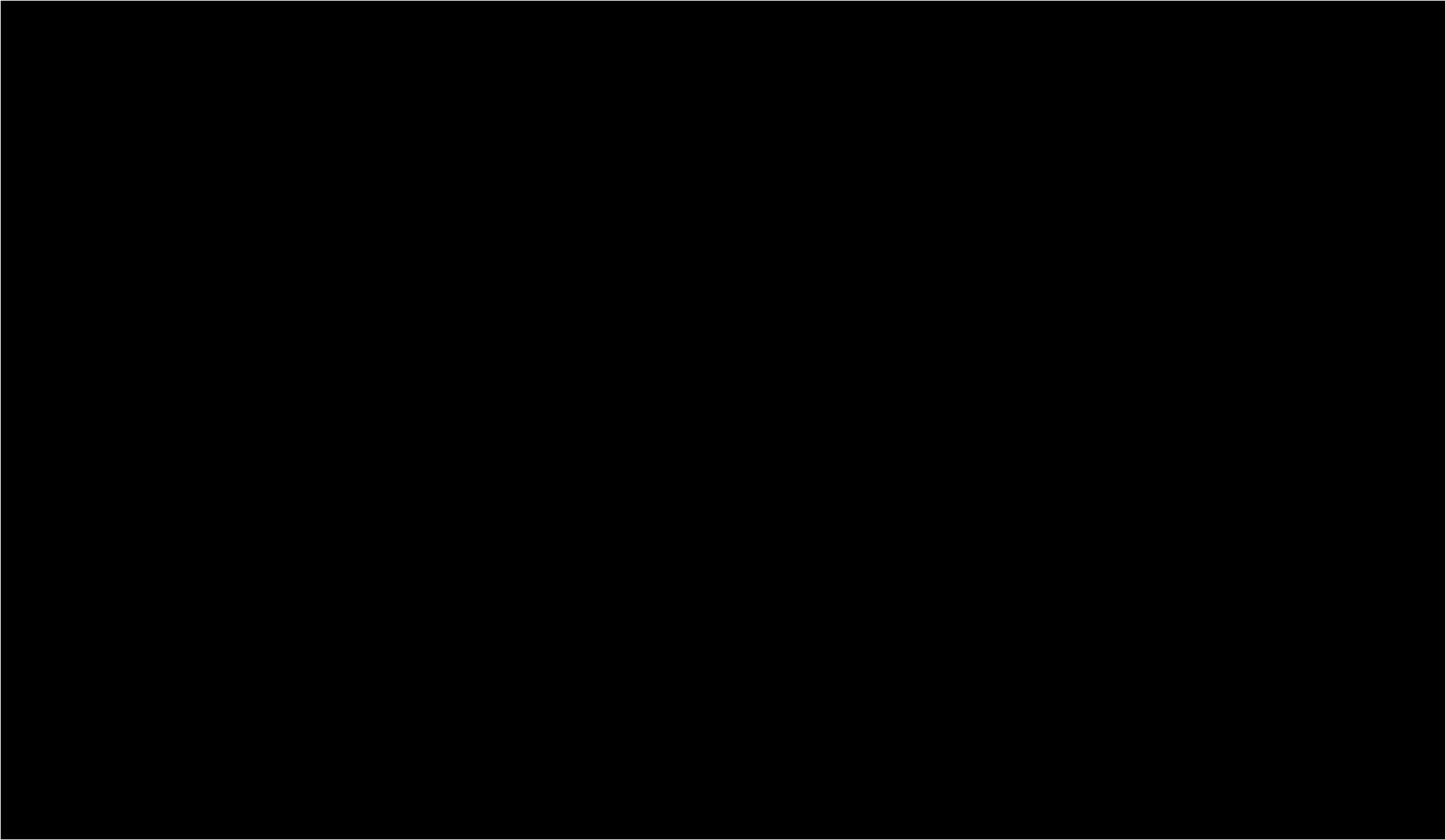
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[Redacted]

- Demonstrative Only – Not Evidence

PO-36



[Redacted]

- Demonstrative Only – Not Evidence

PO-37

UNSEAL

[REDACTED] - Demonstrative Only – Not Evidence

PO-38



The Crestron License

SCHEDULE I	
LICENSED PATENTS	
Patent / App/ No.	Title
US 10,684,972 B2 US Pat. Appl.: 16/771,068 US Pat. Appl.: 17/664,147 US Pat. Appl.: 17/742,166	Method and System for Making Functional Devices Available to Participants of Meetings
US 10,050,800 B2 US 10,762,002 B2 US 11,403,237 B2 US Pat. Appl.: 17/698,860	Electronic Tool and Methods with Audio for Meetings
US 8,756,348 B2 US 9,083,769 B2 US 9,722,986 B2 US 10,585,814 B2 US 10,795,832 B2 US 10,904,103 B2 US 10,965,480 B2 US 11,151,060 B2 US 11,216,392 B2 US 11,258,676 B2 US 11,422,951 US Pat. Appl. 17/675,641	Electronic Tool and Methods for Meetings

Ex. 2011, 64-66; POR, 70-72



- Demonstrative Only – Not Evidence

PO-39



Competitors' Acquiescence – Crestron's Patent Marking

Patents (current products)

Crestron has been a leading innovator in commercial and residential control and automation solutions for more than 40 years. Crestron employs over 450 engineers in its 150,000 square foot state-of-the-art research & development facility in Rockleigh, New Jersey. This commitment to innovation is evident in Crestron's large and growing patent portfolio.

In accordance with Section 287(a) of Title 35 of the United States Code, the reader is hereby placed on notice of Crestron Electronics' rights in the United States Patents listed on this site and associated with the following products.

The patents and patent applications referred to below as "Barco ClickShare Patents" include US 8756348, US 9083769, US 9722986, US 10050800, US 10585814, US 10684972, US 10762002, US 10795832, US 10904103, US 10965480, US 11151060, US 11216392, US 11258676, US 11403237, US 11422951, US 20210191893, US 20220173981, US 20220206963, US 20220269634, US 20220276974.

Ex. 2018; POR, 70–72

- Demonstrative Only – Not Evidence

PO-40

END

 - Demonstrative Only – Not Evidence

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US Patent No. 10,684,972

(12) United States Patent Renard et al. (54) METHOD AND SYSTEM FOR MAKING FUNCTIONAL DEVICES AVAILABLE TO PARTICIPANTS OF MEETINGS (71) Applicant: BARCO NV, Kortrijk (BE) (72) Inventors: Gauthier Renard, Oudenaarde (BE); Johan Peter Frans DeGraf, Ghent (BE) (73) Assignee: BARCO NV, Kortrijk (BE) (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days. (51) Appl. No.: 15/858,668 (22) Filed: Dec. 29, 2017 (65) Prior Publication Data US 2019/0205275 A1 Jul. 4, 2019 (51) Int. Cl. G06F 15/48 (2006.01) H04L 12/12 (2006.01) G06F 15/12 (2006.01) H04L 13/42 (2006.01) H04L 29/66 (2006.01) (52) U.S. CL.	(10) Patent No.: US 10,684,972 B2 (45) Date of Patent: Jun. 16, 2020 (56) References Cited U.S. PATENT DOCUMENTS 7,617,342 B2 * 11/2009 Reifgenauer B01Q 12/275 7,616,627 B2 * 7/2010 Christensen G06F 13/387 (Continued) FOREIGN PATENT DOCUMENTS JP 1879143 A2 1/2008 JP 2009009 A1 11/2014 WO 201307590 A2 3/2013 OTHER PUBLICATIONS Barco—ClickShare Brochure, 20 Pages, dated Nov. 2017 (Year: 2018). (Continued) Primary Examiner — Brian T. Mistura (74) Attorney, Agent, or Firm — Bacon & Thomas, PLLC (57) ABSTRACT A system and method for connecting a processing device to a functional device connected to or in a base unit of a communications network, the base unit having a transmitter and the processing device having a memory, a display and an operating system. A first peripheral device is adapted to be coupled to the processing device via a generic communications protocol, the first peripheral device having a receiver and at least one fixed or configurable endpoint of the functional device exposed on the first peripheral device. The device is adapted to be coupled to the communications network via the processing device through a configurable endpoint of the communications network for communications.
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2010 Christison G06F 13/387
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See application file for complete search history.

FIG. 1

US 10,684,972 B2	
Page 2	
(56)	References Cited
U.S. PATENT DOCUMENTS	
8,316,138 B2*	11/2012 Chung G06F 3/1452
8,756,348 B2*	6/2014 Beel H04M 3/567
8,896,656 B2*	11/2014 Epstein H04N 5/208
9,083,569 B2*	7/2015 Beel G06F 3/0442
9,183,164 B2*	11/2015 Brubaker G06F 13/10
9,201,825 B2*	12/2015 Huang G06F 13/36
9,538,138 B2*	12/2017 Lott, III H04N 7/152
9,722,086 B2*	8/2017 Brands H04L 63/08
9,804,977 B2*	10/2017 Ghosh G06F 1/266
9,934,166 B2*	4/2018 Griffin G06F 13/102
2002/0196378 A1	12/2002 Shkolnik et al.
2005/0573180 A1	4/2006 Stach
2009/0198339 A1*	8/2009 Banerjee G06F 9/4411
	710/10
	2010/0115145 A1* 5/2010 Banerjee G06F 9/4413
	710/10
	2010/0302130 A1* 12/2010 Kakuchi G06F 3/0481
	349/13
	2014/0148152 A1* 5/2014 Polyshear et al. H04N 5/152
	2014/0302104 A1* 12/2014 Lott, III H04L 63/08
	349/13
	2015/0121406 A1* 4/2015 Brands H04L 63/08
	726/4
	2016/0902153 A1* 3/2016 DCMR G06F 3/1454
	434/509
OTHER PUBLICATIONS	
International Search Report in corresponding PCT Application No. PCT/JP2018/086537, dated Aug. 10, 2019.	
Written Opinion in corresponding PCT Application No. PCT/JP2018/086537, dated Apr. 10, 2019.	
* cited by examiner	
8,756,348 B2* 6/2014 Beel H04M 3/567	
710/20	

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