

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

EPAS ID: PAT3642453

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE NAME previously recorded on Reel 036609 Frame 0889. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.

**CONVEYING PARTY DATA**

Name	Execution Date
Z-BAND, INC.	08/21/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	CHANBOND LLC
<b>Street Address:</b>	2633 MCKINNEY AVE.
<b>Internal Address:</b>	SUITE 130-501
<b>City:</b>	DALLAS
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75204

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	14679678

**CORRESPONDENCE DATA**

**Fax Number:** (408)773-6177

*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.*

**Phone:** 866-877-4883

**Email:** patents@ascendalaw.com

**Correspondent Name:** ASCENDA LAW GROUP

**Address Line 1:** 333 W. SAN CARLOS ST.

**Address Line 2:** SUITE 200

**Address Line 4:** SAN JOSE, CALIFORNIA 95110

<b>ATTORNEY DOCKET NUMBER:</b>	5361-CHANB-0001-C5
<b>NAME OF SUBMITTER:</b>	TAREK N. FAHMI
<b>SIGNATURE:</b>	/Tarek N. Fahmi/
<b>DATE SIGNED:</b>	12/03/2015

**Total Attachments: 5**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3534427

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Z-BAND, INC.	08/21/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CHANDBOND LLC
<b>Street Address:</b>	2633 MCKINNEY AVE.
<b>Internal Address:</b>	SUITE 130-501
<b>City:</b>	DALLAS
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75204
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14679678
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)773-6177
<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>	866-877-4883
<b>Email:</b>	patents@ascendalaw.com
<b>Correspondent Name:</b>	ASCENDA LAW GROUP
<b>Address Line 1:</b>	333 W. SAN CARLOS ST.
<b>Address Line 2:</b>	SUITE 200
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95110
<b>ATTORNEY DOCKET NUMBER:</b>	5361-CHANB
<b>NAME OF SUBMITTER:</b>	TAREK N. FAHMI
<b>SIGNATURE:</b>	/Tarek N. Fahmi/
<b>DATE SIGNED:</b>	09/21/2015
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

This Assignment is made as of AUG 11/2015 by Z-BAND INC., a corporation having an address at 848 North Hanover St., Carlisle, PA 17013 ("Assignor"), to CHANBOND LLC, a limited liability company having an address at 2633 McKinney Ave., Suite 130-501, Dallas, TX 75204 ("Assignee").

### RECITALS

A. Assignor is the owner of the United States Patents and Patent Applications set forth on Exhibit A hereto (the "Patents").

B. Assignor now desires to assign to Assignee all of Assignor's right, title and interest in and to the Patents and Assignee desired to receive said assignment.

### AGREEMENT

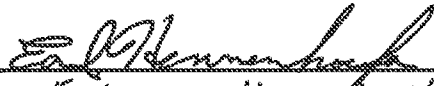
NOW, THEREFORE, in consideration of the foregoing premises, and the covenants and agreements in this Assignment, Assignor and Assignee agree as follows:

1. Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, title and interest for the United States and all foreign countries in and to the Patents and any patents that may issue therefrom, including any foreign counterparts, divisions, continuations or reissues thereof, and any and all improvements that are disclosed therein, the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all claims for damages by reason of past, present and/or future infringements of the Patents, along with the right to sue for and collect such damages for the use and benefit of Assignee and its successors, assigns and other legal representatives.


2. Assignor hereby authorizes and requests the Commissioner for Patents of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.

IN WITNESS WHEREOF, the parties have executed this Assignment on the date first above written.

Assignor: Z-BAND INC.

By:   
Name: EARL HENNRICH  
Title: PRESIDENT & CEO

Assignee: CHANBOND LLC

By:   
Name: DEBRA LEANE  
Title: MANAGER

**EXHIBIT A  
TO ASSIGNMENT**

<b>Description</b>	<b>Patent Application Number</b>	<b>Filing Date</b>
INTELLIGENT DEVICE SYSTEM AND METHOD FOR DISTRIBUTION OF DIGITAL SIGNALS ON A WIDEBAND SIGNAL DISTRIBUTION SYSTEM	14/679,678	04-06-2015

## ASSIGNMENT

This Assignment is made as of AUG 21, 2015 by CBV, INC., corporation having an address at 848 North Hanover St., Carlisle, PA 17013 ("Assignor"), to CHANBOND LLC, a limited liability company having an address at 2633 McKinney Ave., Suite 130-501, Dallas, TX 75204 ("Assignee").

### RECITALS

- A. Assignor is the owner of the United States Patents and Patent Applications set forth on Exhibit A hereto (the "Patents").
- B. Assignor now desires to assign to Assignee all of Assignor's right, title and interest in and to the Patents and Assignee desired to receive said assignment.

### AGREEMENT

NOW, THEREFORE, in consideration of the foregoing premises, and the covenants and agreements in this Assignment, Assignor and Assignee agree as follows:

1. Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, title and interest for the United States and all foreign countries in and to the Patents and any patents that may issue therefrom, including any foreign counterparts, divisions, continuations or reissues thereof, and any and all improvements that are disclosed therein, the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all claims for damages by reason of past, present and/or future infringements of the Patents, along with the right to sue for and collect such damages for the use and benefit of Assignee and its successors, assigns and other legal representatives.
2. Assignor hereby authorizes and requests the Commissioner for Patents of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.

IN WITNESS WHEREOF, the parties have executed this Assignment on the date first above written.

Assignor: CBV, INC.

By: Earl Hennelhoefer  
Name: EARL HENNELHOEFER  
Title: PRESIDENT & CEO

Assignee: CHANBOND LLC

By: DARRELL LEANE  
Name: DARRELL LEANE  
Title: MANAGER

**EXHIBIT A  
TO ASSIGNMENT**

<u>Description</u>	<u>Patent Number</u>	<u>Issue Date</u>
INTELLIGENT DEVICE SYSTEM AND METHOD FOR DISTRIBUTION OF DIGITAL SIGNALS ON A WIDEBAND SIGNAL DISTRIBUTION SYSTEM	7,346,918	03-18-2008
INTELLIGENT DEVICE SYSTEM AND METHOD FOR DISTRIBUTION OF DIGITAL SIGNALS ON A WIDEBAND SIGNAL DISTRIBUTION SYSTEM	7,941,822	05-10-2011
INTELLIGENT DEVICE SYSTEM AND METHOD FOR DISTRIBUTION OF DIGITAL SIGNALS ON A WIDEBAND SIGNAL DISTRIBUTION SYSTEM	8,341,679	12-25-2012
INTELLIGENT DEVICE SYSTEM AND METHOD FOR DISTRIBUTION OF DIGITAL SIGNALS ON A WIDEBAND SIGNAL DISTRIBUTION SYSTEM	8,984,565	03-17-2015
INTELLIGENT DEVICE SYSTEM AND METHOD FOR DISTRIBUTION OF DIGITAL SIGNALS ON A WIDEBAND SIGNAL DISTRIBUTION SYSTEM	9,015,774	04-21-2015

<u>Description</u>	<u>Patent Application Number</u>	<u>Filing Date</u>
INTELLIGENT DEVICE SYSTEM AND METHOD FOR DISTRIBUTION OF DIGITAL SIGNALS ON A WIDEBAND SIGNAL DISTRIBUTION SYSTEM	13/799,749	03-13-2013
INTELLIGENT DEVICE SYSTEM AND METHOD FOR DISTRIBUTION OF DIGITAL SIGNALS ON A WIDEBAND SIGNAL DISTRIBUTION SYSTEM	14/167,289	01-29-2014