

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3676653

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	09/03/2015
CONVEYING PARTY DATA	
Name	Execution Date
RESOLUTE FOCUS LIMITED LIABILITY COMPANY	08/26/2015
RECEIVING PARTY DATA	
Name:	XENOGENIC DEVELOPMENT LIMITED LIABILITY COMPANY
Street Address:	2711 CENTERVILLE RD
Internal Address:	SUITE 400
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	14553077
Patent Number:	7831672
Patent Number:	RE45326
CORRESPONDENCE DATA	
Fax Number:	(425)679-0580
<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>	
Email:	ivrecording@intven.com
Correspondent Name:	PANITCH SCHWARZE BELLISARIO & NADEL LLP
Address Line 1:	ONE COMMERCE SQUARE
Address Line 2:	2005 MARKET STREET, SUITE 2200
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103-7013
NAME OF SUBMITTER:	JOANN REYNOLDS
SIGNATURE:	/Joann Reynolds/
DATE SIGNED:	12/30/2015
Total Attachments: 10	
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PATENT

REEL: 037383 FRAME: 0882

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"ACCELERANDO DEVELOPMENT L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"ACTUALNIZE TELECOM DE L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"ADZUKI FOUNDATION PTE. LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"ALTIAM SERVICES LTD. LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AORISTIC TRANSFER LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"ASTER RISK MANAGEMENT LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AYECON REMOTE LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"BEAUFORT PROCESSING L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"BEEK FUND B.V. L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

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151253708




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2702858

DATE: 09-03-15

You may verify this certificate online
at corp.delaware.gov/authver.shtml

PATENT
REEL: 037383 FRAME: 0883

Delaware

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The First State

"BONANZA TECHNOLOGIES LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"BRICOLAGE FUND LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"BRUMAL SOLUTIONS A.B. LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"CHAFFER AUDIO, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"CORUSCATING DATA NY LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DEGAGE LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"DIRECT REIN LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"ECAN AUDIO LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"EFFACED TECHNOLOGIES LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"EMENDABLE ASSETS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"ENGRAM NETWORKING LLC", A DELAWARE LIMITED LIABILITY

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Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2702858

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The First State

COMPANY,

"ENTROPY PROCESSING NV LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"ESTIVATION PROPERTIES LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"EXACTA DATA DEVELOPMENT LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

"FANTOD AUDIO LIMITED LIABILITY COMPANY", A DELAWARE LIMITED
LIABILITY COMPANY,

"FAROUCHE SOLUTIONS AG L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"FLAXEN HOLDINGS L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"GERSHWIN TELECOM A.B. L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

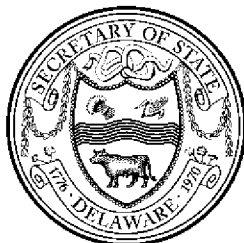
"GR EIGHT NETWORKING L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"HUI CHU TECHNOLOGIES L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"HYACINTH AUDIO LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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The First State

"IMAGO RESEARCH LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"INEFFABLE CELLULAR LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"IRIS TEMPEST, L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"JETA REMOTE, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"KITH NETWORKING LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"LAEZER SOLUTIONS LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"LUPINE INVESTMENTS LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"LYON REMOTE L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"MANA TRANSFER LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"MANZE PROPERTIES LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"MAUM MGMT. LIMITED LIABILITY COMPANY", A DELAWARE LIMITED
LIABILITY COMPANY,

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The First State

"MURMURATION TECHNOLOGIES L.L.C.", A DELAWARE LIMITED
LIABILITY COMPANY,

"NESKE RESEARCH K.G. L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"NITID ACQUISITIONS LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"NOVA ACQUISITIONS L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"NTH DATA PROCESSING L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"OLIO ASSETS L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"PARSED CAPITAL CO., L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"PEA TREE FOUNDATION L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"PICCATA FUND LIMITED LIABILITY COMPANY", A DELAWARE LIMITED
LIABILITY COMPANY,

"PIZZICATO WIRELESS AG LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"RELIABLE TACK ACQUISITIONS LLC", A DELAWARE LIMITED

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Delaware

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The First State

LIABILITY COMPANY,

"RESOLUTE FOCUS LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"SEONG CAPITAL LTD. LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"SEVERO HOLDINGS A.B. LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"SITO PROCESSING LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"SQUARE HALT SOLUTIONS, LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

"TEEMING DATA LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"TORQUE CAPITAL SOLUTIONS, LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

"ULLAGE MANAGEMENT LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"UPLINK REMOTE LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"U.T.D. REMOTE LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"WASSAIL GROUP LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"WHILOM PROCESSING, L.L.C.", A DELAWARE LIMITED LIABILITY

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DATE: 09-03-15

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Delaware

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The First State

COMPANY,

"WUYI FOUNDATION LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"X TCHAI Z LTD. LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"ZAMORANO APPLICATIONS LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"ZENITH MGMT. FOUNDATION LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

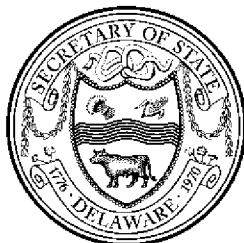
"ZETETIC FOUNDATION L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"ZFT CONSULTING LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

WITH AND INTO "XENOGENIC DEVELOPMENT LIMITED LIABILITY
COMPANY" UNDER THE NAME OF "XENOGENIC DEVELOPMENT LIMITED
LIABILITY COMPANY", A LIMITED LIABILITY COMPANY ORGANIZED AND
EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED
AND FILED IN THIS OFFICE THE THIRD DAY OF SEPTEMBER, A.D. 2015,
AT 10:56 O'CLOCK A.M.

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You may verify this certificate online
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Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2702858

DATE: 09-03-15

PATENT
REEL: 037383 FRAME: 0889

**CERTIFICATE OF MERGER
OF
NON-SURVIVING ENTITIES LISTED BELOW
INTO
XENOGENIC DEVELOPMENT LIMITED LIABILITY COMPANY**

The undersigned entity, organized and existing under and by virtue of the Delaware Limited Liability Company Act, does hereby certify as follows:

- I. The name and jurisdiction of formation of the constituent entities are as follows:

<u>Name</u>	<u>Jurisdiction of Formation</u>	<u>Type of Entity</u>
<i>The Surviving Entity:</i>		
Xenogenic Development Limited Liability Company	Delaware	Limited Liability Company
<i>The Non-Surviving Entities:</i>		
Accelerando Development L.L.C.	Delaware	Limited Liability Company
Actualnize Telecom DE L.L.C.	Delaware	Limited Liability Company
Adzuki Foundation Pte. LLC	Delaware	Limited Liability Company
Altiam Services Ltd. LLC	Delaware	Limited Liability Company
Aoristic Transfer LLC	Delaware	Limited Liability Company
Aster Risk Management LLC	Delaware	Limited Liability Company
Ayecon Remote LLC	Delaware	Limited Liability Company
Beaufort Processing L.L.C.	Delaware	Limited Liability Company
Beck Fund B.V. L.L.C.	Delaware	Limited Liability Company
Bonanza Technologies LLC	Delaware	Limited Liability Company
Bricolage Fund Limited Liability Company	Delaware	Limited Liability Company
Brumal Solutions A.B. Limited Liability Company	Delaware	Limited Liability Company
Chaffer Audio, L.L.C.	Delaware	Limited Liability Company
Coruscating Data NY LLC	Delaware	Limited Liability Company
Degage Limited Liability Company	Delaware	Limited Liability Company
Direct Rein Limited Liability Company	Delaware	Limited Liability Company
Ecan Audio LLC	Delaware	Limited Liability Company
Effaced Technologies LLC	Delaware	Limited Liability Company
Emendable Assets Limited Liability Company	Delaware	Limited Liability Company
Engram Networking LLC	Delaware	Limited Liability Company
Entropy Processing NV LLC	Delaware	Limited Liability Company
Estivation Properties LLC	Delaware	Limited Liability Company
Exacta Data Development Limited Liability Company	Delaware	Limited Liability Company
Fantod Audio Limited Liability Company	Delaware	Limited Liability Company
Farouche Solutions AG L.L.C.	Delaware	Limited Liability Company
Flaxen Holdings L.L.C.	Delaware	Limited Liability Company
Gershwin Telecom A.B. L.L.C.	Delaware	Limited Liability Company
GR Eight Networking L.L.C.	Delaware	Limited Liability Company
Hui Chu Technologies L.L.C.	Delaware	Limited Liability Company
Hyacinth Audio LLC	Delaware	Limited Liability Company

Phyllis Turner-Brim
E-signed 2015-08-26 03:11PM PDT
pturnerbrim@intven.com
Intellectual Ventures
VP Chief IP Counsel

Byron E Springer Jr
E-signed 2015-08-26 05:31PM PDT
bspringer@intven.com

<i>Jurisdiction of Formation</i>	<i>Type of Entity</i>
United States	Corporation
United States	Partnership
United States	Trust
United States	Other
Foreign	Corporation
Foreign	Partnership
Foreign	Trust
Foreign	Other

Imago Research Limited Liability Company	Delaware	Limited Liability Company
Ineffable Cellular Limited Liability Company	Delaware	Limited Liability Company
Iris Tempest, L.L.C.	Delaware	Limited Liability Company
Jeta Remote, LLC	Delaware	Limited Liability Company
Kith Networking Limited Liability Company	Delaware	Limited Liability Company
LaeZer Solutions Limited Liability Company	Delaware	Limited Liability Company
Lupine Investments LLC	Delaware	Limited Liability Company
Lyon Remote L.L.C.	Delaware	Limited Liability Company
Mana Transfer Limited Liability Company	Delaware	Limited Liability Company
Manze Properties LLC	Delaware	Limited Liability Company
Maum Mgmt. Limited Liability Company	Delaware	Limited Liability Company
Murmuration Technologies L.L.C.	Delaware	Limited Liability Company
Neske Research K.G. L.L.C.	Delaware	Limited Liability Company
Nitid Acquisitions Limited Liability Company	Delaware	Limited Liability Company
Nova Acquisitions L.L.C.	Delaware	Limited Liability Company
Nth Data Processing L.L.C.	Delaware	Limited Liability Company
Olio Assets L.L.C.	Delaware	Limited Liability Company
Parsed Capital Co., L.L.C.	Delaware	Limited Liability Company
Pea Tree Foundation L.L.C.	Delaware	Limited Liability Company
Piccata Fund Limited Liability Company	Delaware	Limited Liability Company
Pizzicato Wireless AG LLC	Delaware	Limited Liability Company
Reliable Tack Acquisitions LLC	Delaware	Limited Liability Company
Resolute Focus Limited Liability Company	Delaware	Limited Liability Company
Seong Capital Ltd. Limited Liability Company	Delaware	Limited Liability Company
Severo Holdings A.B. LLC	Delaware	Limited Liability Company
Sito Processing LLC	Delaware	Limited Liability Company
Square Halt Solutions, Limited Liability Company	Delaware	Limited Liability Company
Teeming Data LLC	Delaware	Limited Liability Company
Torque Capital Solutions, Limited Liability Company	Delaware	Limited Liability Company
U.F.D. Remote LLC	Delaware	Limited Liability Company
Ullage Management LLC	Delaware	Limited Liability Company
Uplink Remote Limited Liability Company	Delaware	Limited Liability Company
Wassail Group LLC	Delaware	Limited Liability Company
Whilom Processing, L.L.C.	Delaware	Limited Liability Company
Wuyi Foundation Limited Liability Company	Delaware	Limited Liability Company
X Tchai Z Ltd. Limited Liability Company	Delaware	Limited Liability Company
Zamorano Applications LLC	Delaware	Limited Liability Company
Zenith Mgmt. Foundation Limited Liability Company	Delaware	Limited Liability Company
Zetetic Foundation L.L.C.	Delaware	Limited Liability Company
ZFT Consulting Limited Liability Company	Delaware	Limited Liability Company

2. An agreement of merger has been approved and executed by each of the constituent entities in accordance with Section 18-209 of the Delaware Limited Liability Company Act.
3. The name of the surviving entity is Xenogenic Development Limited Liability Company.

Byron E Springer Jr

E-signed 2015-08-26 05:31PM PDT

bspringer@intven.com

VP Chief IP Counsel

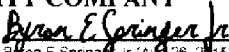
4. The Certificate of Formation of Xenogenic Development Limited Liability Company shall be the Certificate of Formation of the surviving limited liability company.

5. The executed agreement of merger is on file at the principal place of business of the surviving entity located at 3150 139th Avenue SE, Building 4, Bellevue, Washington 98005.

6. A copy of the agreement of merger will be furnished by the surviving entity, on request and without cost, to any member of any constituent limited liability company.

IN WITNESS WHEREOF, the surviving limited liability company has caused this certificate to be signed by an authorized person, dated August 28, 2015.

**XENOGENIC DEVELOPMENT LIMITED
LIABILITY COMPANY**

By: 
Byron E Springer Jr (Aug 28, 2015)
Name: **Byron E Springer Jr**
Its: Assistant Secretary

Phyllis Turner-Brim
E-signed 2015-08-26 03:11PM PDT
pturnerbrim@intven.com
Intellectual Ventures
VP Chief IP Counsel

Byron E Springer Jr
E-signed 2015-08-26 05:31PM PDT
bspringer@intven.com

 Document Integrity Verified

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PATENT

RECORDED: 12/30/2015

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