

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3667223

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	MERGER
<b>EFFECTIVE DATE:</b>	08/19/2015

**CONVEYING PARTY DATA**

Name	Execution Date
FAHRENHEIT THERMOSCOPE LLC	08/11/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	ZARBAÑA DIGITAL FUND LLC
<b>Street Address:</b>	2711 CENTERVILLE ROAD
<b>Internal Address:</b>	SUITE 400
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19808

**PROPERTY NUMBERS Total: 33**

Property Type	Number
Patent Number:	5885711
Patent Number:	5729487
Patent Number:	5883822
Patent Number:	5706380
Patent Number:	6157766
Patent Number:	5998289
Patent Number:	7259112
Patent Number:	6326302
Patent Number:	6999716
Patent Number:	6886122
Patent Number:	7079823
Patent Number:	7429859
Patent Number:	7838443
Patent Number:	7292764
Patent Number:	7555273
Patent Number:	7573263
Patent Number:	RE41841
Patent Number:	RE41764

PATENT

Property Type	Number
Patent Number:	RE41031
Patent Number:	RE44007
Patent Number:	RE40803
Patent Number:	5640366
Patent Number:	6653054
Patent Number:	RE42043
Patent Number:	6784518
Patent Number:	RE42387
Patent Number:	6668024
Patent Number:	6701445
Patent Number:	6826587
Patent Number:	6667513
Patent Number:	6607968
Patent Number:	6653958
Patent Number:	6791684

**CORRESPONDENCE DATA**

**Fax Number:** (425)679-0580

*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.*

**Email:** ivrecording@intven.com

**Correspondent Name:** MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZE

**Address Line 1:** 1120 SOUTH CAPITAL OF TEXAS HIGHWAY

**Address Line 2:** BUILDING 2, SUITE 300

**Address Line 4:** AUSTIN, TEXAS 78746

<b>NAME OF SUBMITTER:</b>	JANICE GOEBEL
<b>SIGNATURE:</b>	/Janice Goebel/
<b>DATE SIGNED:</b>	12/21/2015

**Total Attachments: 7**

source=++ ZARBANA DIGITAL FUND LLC - DE filed Merger Certificate\_19 Aug 2015#page1.tif  
source=++ ZARBANA DIGITAL FUND LLC - DE filed Merger Certificate\_19 Aug 2015#page2.tif  
source=++ ZARBANA DIGITAL FUND LLC - DE filed Merger Certificate\_19 Aug 2015#page3.tif  
source=++ ZARBANA DIGITAL FUND LLC - DE filed Merger Certificate\_19 Aug 2015#page4.tif  
source=++ ZARBANA DIGITAL FUND LLC - DE filed Merger Certificate\_19 Aug 2015#page5.tif  
source=++ ZARBANA DIGITAL FUND LLC - DE filed Merger Certificate\_19 Aug 2015#page6.tif  
source=++ ZARBANA DIGITAL FUND LLC - DE filed Merger Certificate\_19 Aug 2015#page7.tif

# 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:

"ALBERTI ANEMOMETER LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUSTEN SERVICES LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AYSCOUGH VISUALS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"BECKETT MINING LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"BELLOW BELLOWS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"BLANDING BRIDGES LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"BRADBURY PRESS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"BREWSTER KALEIDOSCOPE LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"BUCK INTERNATIONAL LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"CALUMET KEWEENAW LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"CAMRAS MAGNETIC RECORDS LLC", A DELAWARE LIMITED LIABILITY

4045671 8100M

151190148



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2659404

DATE: 08-19-15

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

PATENT  
REEL: 037338 FRAME: 0318

# Delaware

PAGE 2

*The First State*

COMPANY,

"CONGREVE ATMOSPHERIC LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"COPPER DATA RIVER LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"DARMATE GLASSWORKS LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"DICKENS COAL LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"ELLIOT CAPITAL LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"ELVERSON HOPEWELL LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"FAHRENHEIT THERMOSCOPE LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"FARADAY CHARGE LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"FAULKNER INTERSTICES LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"FOUCAULT GYROSCOPE LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"FREDERICK MONOCACY LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

4045671 8100M

151190148



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2659404

DATE: 08-19-15

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

PATENT  
REEL: 037338 FRAME: 0319

# Delaware

PAGE 3


*The First State*

"FRITCH ALIBATES LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"GOLDING LININGS LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"GUTENBERG PRINTING LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"HARINGTON VALVE LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"HEMINGWAY FISHERIES LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"HOLLERITH STATISTICS LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"HUYGENS COMBUSTION LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"IBSEN SQUARED LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"INDEPENDENCE MANZANAR LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"JANSSEN SCOPE LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"KHORSABAD LOCKDOWN LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"LEWIS SALES LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"LIPPERSHY CELESTIAL LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

4045671 8100M

151190148



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2659404

DATE: 08-19-15

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

PATENT  
REEL: 037338 FRAME: 0320

# Delaware

PAGE 4

*The First State*

"MAIMAN LASER SYSTEMS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"MARBLEMOUNT CASCADES LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"MOAB ARCHES LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"MORGAN SIGNALS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"NIPKOW DISK LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"OCHOA OPTICS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"OCHOPEE BIG CYPRESS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"PAICINES PINNACLES LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"PASTERNAK SOLUTIONS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"POULSEN TRANSMITTER LLC", A DELAWARE LIMITED LIABILITY COMPANY,

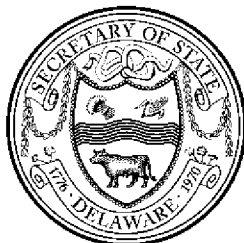
"RUSSELL EQUANIMITY LLC", A DELAWARE LIMITED LIABILITY COMPANY,

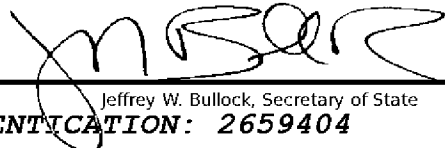
"SALMON ALAGNAK LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"SARTRE SATIRE LLC", A DELAWARE LIMITED LIABILITY COMPANY,

4045671 8100M

151190148



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2659404

DATE: 08-19-15

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

PATENT  
REEL: 037338 FRAME: 0321

# Delaware

PAGE 5

*The First State*

"SHARPSBURG ANTIETAM LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"SHAW PARSING LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"SMEATON PUMP LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"STEINBECK CANNERY LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"TWIN TYPESETTING LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"VALENTINE NIOBRARA LLC", A DELAWARE LIMITED LIABILITY COMPANY,


"WESTINGHOUSE BRAKER LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"WHITE AND BLACK LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
WITH AND INTO "ZARBANA DIGITAL FUND LLC" UNDER THE NAME OF  
"ZARBANA DIGITAL FUND LLC", A LIMITED LIABILITY COMPANY  
ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE,  
AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF  
AUGUST, A.D. 2015, AT 11:41 O'CLOCK A.M.

4045671 8100M

151190148



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2659404

DATE: 08-19-15

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

PATENT  
REEL: 037338 FRAME: 0322

**CERTIFICATE OF MERGER  
OF  
NON-SURVIVING ENTITIES LISTED BELOW  
INTO  
ZARBAÑA DIGITAL FUND LLC**

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>		
ZARBAÑA DIGITAL FUND LLC	Delaware	Limited Liability Company
<i>The Non-Surviving Entities :</i>		
Bellow Bellows LLC	Delaware	Limited Liability Company
Austen Services LLC	Delaware	Limited Liability Company
Beckett Mining LLC	Delaware	Limited Liability Company
Copper Data River LLC	Delaware	Limited Liability Company
Bradbury Press LLC	Delaware	Limited Liability Company
Golding Linings LLC	Delaware	Limited Liability Company
Dickens Coal LLC	Delaware	Limited Liability Company
Ibsen Squared LLC	Delaware	Limited Liability Company
Elliot Capital LLC	Delaware	Limited Liability Company
Faulkner Interstices LLC	Delaware	Limited Liability Company
Hemingway Fisheries LLC	Delaware	Limited Liability Company
Buck International LLC	Delaware	Limited Liability Company
Lewis Sales LLC	Delaware	Limited Liability Company
White and Black LLC	Delaware	Limited Liability Company
Russell Equanimity LLC	Delaware	Limited Liability Company
Pasternak Solutions LLC	Delaware	Limited Liability Company
Steinbeck Cannery LLC	Delaware	Limited Liability Company
Shaw Parsing LLC	Delaware	Limited Liability Company
Sartre Satire LLC	Delaware	Limited Liability Company
Congreve Atmospheric LLC	Delaware	Limited Liability Company
Harington Valve LLC	Delaware	Limited Liability Company
Janssen Scope LLC	Delaware	Limited Liability Company
Alberti Anemometer LLC	Delaware	Limited Liability Company
Gutenberg Printing LLC	Delaware	Limited Liability Company
Lippershy Celestial LLC	Delaware	Limited Liability Company
Westinghouse Braker LLC	Delaware	Limited Liability Company
Camras Magnetic Records LLC	Delaware	Limited Liability Company
Huygens Combustion LLC	Delaware	Limited Liability Company
Brewster Kaleidoscope LLC	Delaware	Limited Liability Company
Faraday Charge LLC	Delaware	Limited Liability Company
Darmate Glassworks LLC	Delaware	Limited Liability Company

Phyllis Turner-Brim  
E-signed 2015-08-11 03:54PM PDT  
pturnerbrim@intven.com  
Intellectual Ventures  
VP Chief IP Counsel

Byron E. Springer Jr.  
E-signed 2015-08-11 04:31PM PDT  
bspringer@intven.com



*The Non-Surviving Entities -- continuing*

	<b>Jurisdiction of Formation</b>	<b>Type of Entity</b>
Nipkow Disk LLC	Delaware	Limited Liability Company
Khorsabad Lockdown LLC	Delaware	Limited Liability Company
Foucault Gyroscope LLC	Delaware	Limited Liability Company
Poulsen Transmitter LLC	Delaware	Limited Liability Company
Hollerith Statistics LLC	Delaware	Limited Liability Company
Smeaton Pump LLC	Delaware	Limited Liability Company
Twain Typesetting LLC	Delaware	Limited Liability Company
Ayscough Visuals LLC	Delaware	Limited Liability Company
Ochoa Optics LLC	Delaware	Limited Liability Company
Fahrenheit Thermoscope LLC	Delaware	Limited Liability Company
Maiman Laser Systems LLC	Delaware	Limited Liability Company
Morgan Signals LLC	Delaware	Limited Liability Company
Salmon Alagnak LLC	Delaware	Limited Liability Company
Ochopee Big Cypress LLC	Delaware	Limited Liability Company
Sharpsburg Anticam LLC	Delaware	Limited Liability Company
Fritch Alibates LLC	Delaware	Limited Liability Company
Moab Arches LLC	Delaware	Limited Liability Company
Frederick Monocacy LLC	Delaware	Limited Liability Company
Calumet Keweenaw LLC	Delaware	Limited Liability Company
Elverson Hopewell LLC	Delaware	Limited Liability Company
Independence Manzanar LLC	Delaware	Limited Liability Company
Valentine Niobrara LLC	Delaware	Limited Liability Company
Marblemount Cascades LLC	Delaware	Limited Liability Company
Blanding Bridges LLC	Delaware	Limited Liability Company
Paicines Pinnacles LLC	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 Zarbaña Digital Fund LLC.
4. The Certificate of Formation of Zarbaña Digital Fund LLC 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, on August 12, 2015.

**ZARBAÑA DIGITAL FUND LLC**

By: Byron E. Springer Jr.  
Byron E. Springer Jr. (Aug 12 2015)  
Name: Byron Springer  
Its: Authorized Person

**Phyllis Turner-Brim**  
E-signed 2015-08-11 03:54PM PDT  
pturnerbrim@intven.com  
Intellectual Ventures  
VP Chief IP Counsel

**Byron E. Springer Jr.**  
E-signed 2015-08-11 04:31PM PDT  
bspringer@intven.com