

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

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3590375

<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
BISOFT ACQUISITION LLC	08/12/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	S. AQUA SEMICONDUCTOR, LLC
<b>Street Address:</b>	2711 CENTERVILLE RD
<b>Internal Address:</b>	SUITE 400
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19808

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Patent Number:	6401239

**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:** SCHWABE, WILLIAMSON, & WYATT, PC

**Address Line 1:** 700 WASHINGTON ST.

**Address Line 2:** SUITE 701

**Address Line 4:** VANCOUVER, WASHINGTON 98660

<b>NAME OF SUBMITTER:</b>	JOANN REYNOLDS
<b>SIGNATURE:</b>	/Joann Reynolds/
<b>DATE SIGNED:</b>	10/28/2015

**Total Attachments: 14**

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# 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:

"APTV. MESSAGING SYSTEM LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"ARMUNDI IL, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"AUCTNYC 1 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 10 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 11 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 13 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 16 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 17 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 19 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 2 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 20 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 3 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 4 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AUCTNYC 5 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

4267686 8100M

151192018



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

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

PATENT  
REEL: 036902 FRAME: 0837

# Delaware

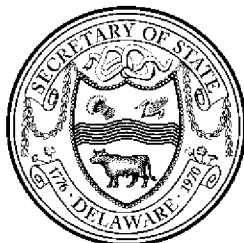
PAGE 2


*The First State*

"AUCTNYC 6 LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"AUCTNYC 7 LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"AUCTNYC 9 LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"BANNER NO. 155 GMBH, LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"BISOFT ACQUISITION LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"CALABRO SERVICES CO. L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"COMP SCI HOLDINGS, LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,  
"COOPER T.G.S. L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"CRUCIAL APEX COMMUNICATIONS LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,  
"DAITA FRONTIER FUND, LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"DC SOFTWARE ACQUISITIONS LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"DETELLE RELAY KG, LIMITED LIABILITY COMPANY", A DELAWARE

4267686 8100M

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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

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PATENT  
REEL: 036902 FRAME: 0838

# Delaware

PAGE 3

*The First State*

LIMITED LIABILITY COMPANY,

"DLPH IP LICENSING MI, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"DMVICH SOFTWARE, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DOT ASSETS NO. 1 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DOT ASSETS NO. 10 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DOT ASSETS NO. 11 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DOT ASSETS NO. 112 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DOT ASSETS NO. 13 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DOT ASSETS NO. 14 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DOT ASSETS NO. 15 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DOT ASSETS NO. 2 LLC", A DELAWARE LIMITED LIABILITY

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at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

PATENT  
REEL: 036902 FRAME: 0839

# Delaware

PAGE 4

*The First State*

COMPANY,

"DOT ASSETS NO. 3 LLC", A DELAWARE LIMITED LIABILITY

COMPANY,

"DOT ASSETS NO. 4 LLC", A DELAWARE LIMITED LIABILITY

COMPANY,

"DOT ASSETS NO. 6 LLC", A DELAWARE LIMITED LIABILITY

COMPANY,

"DOT ASSETS NO. 8 LLC", A DELAWARE LIMITED LIABILITY

COMPANY,

"DOT ASSETS NO. 9 LLC", A DELAWARE LIMITED LIABILITY

COMPANY,

"ESDR NETWORK SOLUTIONS LLC", A DELAWARE LIMITED LIABILITY

COMPANY,

"FASTFIXNET LIMITED LIABILITY COMPANY", A DELAWARE LIMITED  
LIABILITY COMPANY,

"FED. PT. INVESTMENT L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

"FIVE 2 SOLUTIONS LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,

"FREISEN N.L. LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

PATENT  
REEL: 036902 FRAME: 0840

# Delaware

PAGE 5

*The First State*

"FT. COMM REMOTE LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"HJW PATENT LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"H. & M. MASTHEAD, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"I COMMUNICATION SOLUTIONS, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"INET SPCH PROPERTY HLDG, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"INTELLECTUAL VENTURES VIDEO ON DEMAND LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"IPH ACQUISITION L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"IV LBS ASSETS 1 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"JR. SHADT ELECTRONICS, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"KLAPMAN IP ASSET 2006 LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,


"LANDIS SOFTWARE STORAGE L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,



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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

PATENT  
REEL: 036902 FRAME: 0841

# Delaware

PAGE 6

*The First State*

"LCTL WIRELESS INVESTMENT, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"LOT 18 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"LOT 19 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"LOT 24 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"LOT 25 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"LOT 25B ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"LOT 25D ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"LOT 25F ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,


"LOT 27 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"LOT 28 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

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DATE: 08-21-15

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PATENT  
REEL: 036902 FRAME: 0842



# Delaware

PAGE 7

*The First State*

"LOT 29 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 38 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 41 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 42 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 44 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 46 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 48A ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 49 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,


"MD FAB. CAPITAL L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

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

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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

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PATENT  
REEL: 036902 FRAME: 0843

# Delaware

PAGE 8

*The First State*

"MPL APPLICATIONS, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"MRD TELECOM SERVICES L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

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

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

"PCT SOFTWARE DATA, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"PLR TRANSFER HOLDINGS, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"PRESTON II HOLDINGS, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

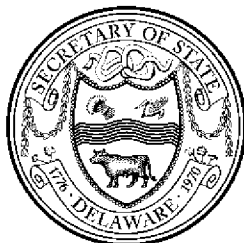
"PRIAXESS SOFTWARE, LLC", A DELAWARE LIMITED LIABILITY COMPANY,


"PROM KS MGMT LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"RISOLIA INVENTION LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

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PATENT  
REEL: 036902 FRAME: 0844

# Delaware

PAGE 9

*The First State*

"SANBORN RESEARCH, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"SCALE SEMICONDUCTOR FLG, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"SMS PROPERTY GROUP, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"SNK TECH INVESTMENT L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"SPEEDSTREAK, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"SRCH. NETWORKING LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"S.W. CALDWELL & COMPANY LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"TMSG. MOBILE FUND, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"TPL THREE LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"ULANOUS DIGITAL DE, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

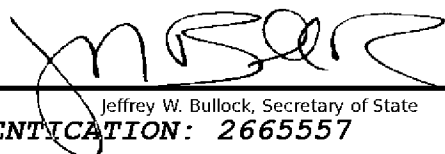
"VALUEPLUS TECHNOLOGIES, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

PATENT  
REEL: 036902 FRAME: 0845

# Delaware

PAGE 10

*The First State*

"VIDEOPRESSION LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"VIPP ELECTRONIC TRANSFER L.L.C.", A DELAWARE LIMITED  
LIABILITY COMPANY,

"WHITMAPS (US) FOUNDATION LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"WILLARD-MERRY, L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

"WILLIAMS PATENT LICENSING PLC, LIMITED LIABILITY COMPANY",  
A DELAWARE LIMITED LIABILITY COMPANY,

"XFAX TECH LIMITED LIABILITY COMPANY", A DELAWARE LIMITED  
LIABILITY COMPANY,

"XTNSL SEMICONDUCTOR ASSET HOLDING, LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

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

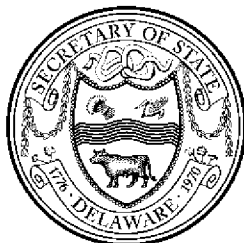
"YT NETWORKS CAPITAL, LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,


"ZH INTERACTIVE SYSTEMS L.L.C.", A DELAWARE LIMITED  
LIABILITY COMPANY,

"ZXTALK ASSETS L.L.C.", A DELAWARE LIMITED LIABILITY

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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

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PATENT  
REEL: 036902 FRAME: 0846

# Delaware

PAGE 11

*The First State*

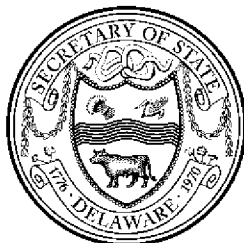
COMPANY,

WITH AND INTO "S. AQUA SEMICONDUCTOR, LLC" UNDER THE NAME OF  
"S. AQUA SEMICONDUCTOR, 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 3:03 O'CLOCK P.M.

4267686 8100M

151192018

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



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

PATENT  
REEL: 036902 FRAME: 0847

**CERTIFICATE OF MERGER  
OF  
NON-SURVIVING ENTITIES LISTED BELOW  
INTO  
S. AQUA SEMICONDUCTOR, LLC**

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

1. 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>		
S. AQUA SEMICONDUCTOR, LLC	Delaware	Limited Liability Company
<i>The Non-Surviving Entities :</i>		
SpeedStreak, L.L.C.	Delaware	Limited Liability Company
ValuePlus Technologies, L.L.C.	Delaware	Limited Liability Company
Willard-Merry, L.L.C.	Delaware	Limited Liability Company
Cooper T.G.S. L.L.C.	Delaware	Limited Liability Company
MPL Applications, L.L.C.	Delaware	Limited Liability Company
Priaxess Software, LLC	Delaware	Limited Liability Company
Mincin Cellular Limited Liability Company	Delaware	Limited Liability Company
Armundi II, LLC	Delaware	Limited Liability Company
Calabro Services Co. L.L.C.	Delaware	Limited Liability Company
Crucial Apex Communications LLC	Delaware	Limited Liability Company
FastFixNet Limited Liability Company	Delaware	Limited Liability Company
H. & M. Masthead, Limited Liability Company	Delaware	Limited Liability Company
Paonessa Research, Limited Liability Company	Delaware	Limited Liability Company
S.W. Caldwell & Company LLC	Delaware	Limited Liability Company
Auctnyc 1 LLC	Delaware	Limited Liability Company
Auctnyc 2 LLC	Delaware	Limited Liability Company
Auctnyc 3 LLC	Delaware	Limited Liability Company
Auctnyc 4 LLC	Delaware	Limited Liability Company
Auctnyc 5 LLC	Delaware	Limited Liability Company
Auctnyc 6 LLC	Delaware	Limited Liability Company
Auctnyc 7 LLC	Delaware	Limited Liability Company
Auctnyc 9 LLC	Delaware	Limited Liability Company
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Auctnyc 13 LLC	Delaware	Limited Liability Company
Auctnyc 16 LLC	Delaware	Limited Liability Company
Auctnyc 17 LLC	Delaware	Limited Liability Company
Auctnyc 19 LLC	Delaware	Limited Liability Company
Auctnyc 20 LLC	Delaware	Limited Liability Company
HIW Patent LLC	Delaware	Limited Liability Company
Williams Patent Licensing Plc, Limited Liability Company	Delaware	Limited Liability Company

Phyllis Turner-Brim  
E-signed 2015-08-12 12:58PM PDT  
pturnerbrim@intven.com  
Intellectual Ventures  
VP Chief IP Counsel

Byron E. Springer Jr.  
E-signed 2015-08-12 02:24PM PDT  
bspringer@intven.com

*The Non-Surviving Entities – continuing*

	<b>Jurisdiction of Formation</b>	<b>Type of Entity</b>
Diph IP Licensing MI, L.L.C.	Delaware	Limited Liability Company
Whitmaps (US) Foundation LLC	Delaware	Limited Liability Company
Freisen N.L. LLC	Delaware	Limited Liability Company
Klapman IP Asset 2006 Limited Liability Company	Delaware	Limited Liability Company
Sanborn Research, LLC	Delaware	Limited Liability Company
Videopression LLC	Delaware	Limited Liability Company
Arspc Holdings L.L.C.	Delaware	Limited Liability Company
IPH Acquisition L.L.C.	Delaware	Limited Liability Company
LctI Wireless Investment, LLC	Delaware	Limited Liability Company
Risolia Invention LLC	Delaware	Limited Liability Company
Xfax Tech Limited Liability Company	Delaware	Limited Liability Company
Bisoft Acquisition LLC	Delaware	Limited Liability Company
Inet Spch Property Hldg, Limited Liability Company	Delaware	Limited Liability Company
YT Networks Capital, LLC	Delaware	Limited Liability Company
ZXtalk Assets L.L.C.	Delaware	Limited Liability Company
Comp Sci Holdings, Limited Liability Company	Delaware	Limited Liability Company
SMS Property Group, L.L.C.	Delaware	Limited Liability Company
SNK Tech Investment L.L.C.	Delaware	Limited Liability Company
Xtnsl Semiconductor Asset Holding, LLC	Delaware	Limited Liability Company
Daita Frontier Fund, LLC	Delaware	Limited Liability Company
DC Software Acquisitions LLC	Delaware	Limited Liability Company
Ocls Applications, LLC	Delaware	Limited Liability Company
Lot 18 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 19 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Intellectual Ventures Video on Demand LLC	Delaware	Limited Liability Company
Lot 24 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 25 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 25B Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 25D Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 25F Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 27 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 28 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 29 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 38 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 41 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 42 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 44 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 46 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 48A Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 49 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Five 2 Solutions Limited Liability Company	Delaware	Limited Liability Company
Jr. Shadt Electronics, LLC	Delaware	Limited Liability Company
Preston II Holdings, L.L.C.	Delaware	Limited Liability Company
MRD Telecom Services L.L.C.	Delaware	Limited Liability Company
Sreh. Networking Limited Liability Company	Delaware	Limited Liability Company
Ulanous Digital DE, L.L.C.	Delaware	Limited Liability Company
Yondaph Investments LLC	Delaware	Limited Liability Company
Detelle Relay KG, Limited Liability Company	Delaware	Limited Liability Company
Landis Software Storage L.L.C.	Delaware	Limited Liability Company
VIPP Electronic Transfer L.L.C.	Delaware	Limited Liability Company
Aptv. Messaging System LLC	Delaware	Limited Liability Company
Ft. Comm Remote Limited Liability Company	Delaware	Limited Liability Company
PIR Transfer Holdings, LLC	Delaware	Limited Liability Company

**Phyllis Turner-Brim**  
 E-signed 2015-08-12 12:58PM PDT  
 pturnerbrim@intven.com  
 Intellectual Ventures  
 VP Chief IP Counsel

**Byron E. Springer Jr.**  
 E-signed 2015-08-12 02:24PM PDT  
 bspringer@intven.com

*The Non-Surviving Entities – continuing*

	<b>Jurisdiction of Formation</b>	<b>Type of Entity</b>
Fed. Pt. Investment L.L.C.	Delaware	Limited Liability Company
MD Fab. Capital L.L.C.	Delaware	Limited Liability Company
Prom KS Mgmt Limited Liability Company	Delaware	Limited Liability Company
I Communication Solutions, L.L.C.	Delaware	Limited Liability Company
ESDR Network Solutions LLC	Delaware	Limited Liability Company
Tmsg. Mobile Fund, L.L.C.	Delaware	Limited Liability Company
Dmvich Software, LLC	Delaware	Limited Liability Company
Banner No. 155 GmbH, LLC	Delaware	Limited Liability Company
TPI Three LLC	Delaware	Limited Liability Company
DOT Assets No. 1 L.L.C.	Delaware	Limited Liability Company
DOT Assets No. 2 LLC	Delaware	Limited Liability Company
DOT Assets No. 3 LLC	Delaware	Limited Liability Company
DOT Assets No. 4 L.L.C.	Delaware	Limited Liability Company
DOT Assets No. 6 L.L.C.	Delaware	Limited Liability Company
DOT Assets No. 8 L.L.C.	Delaware	Limited Liability Company
DOT Assets No. 9 LLC	Delaware	Limited Liability Company
DOT Assets No. 10 LLC	Delaware	Limited Liability Company
DOT Assets No. 11 LLC	Delaware	Limited Liability Company
DOT Assets No. 112 LLC	Delaware	Limited Liability Company
DOT Assets No. 13 LLC	Delaware	Limited Liability Company
DOT Assets No. 14 LLC	Delaware	Limited Liability Company
DOT Assets No. 15 LLC	Delaware	Limited Liability Company
ZH Interactive Systems L.L.C.	Delaware	Limited Liability Company
Scale Semiconductor FLG, L.L.C.	Delaware	Limited Liability Company
IV LBS Assets 1 LLC	Delaware	Limited Liability Company
PCT Software Data. 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 S. Aqua Semiconductor, LLC.

4. The Certificate of Formation of S. Aqua Semiconductor, 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.

**S. AQUA SEMICONDUCTOR, LLC**

Byron E. Springer Jr.

By: Byron E. Springer Jr. (Aug 12/2015)

Name: Byron Springer

Its: Authorized Person

Phyllis Turner-Brim  
E-signed 2015-08-12 12:58PM PDT  
pturnerbrim@intven.com  
Intellectual Ventures  
VP Chief IP Counsel

Byron E. Springer Jr.  
E-signed 2015-08-12 02:24PM PDT  
bspringer@intven.com