

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3585059

|                                                                                                                                                                                                 |                                        |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                         |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | MERGER                                 |                       |
| <b>EFFECTIVE DATE:</b>                                                                                                                                                                          | 08/19/2015                             |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                        |                       |
|                                                                                                                                                                                                 | <b>Name</b>                            | <b>Execution Date</b> |
|                                                                                                                                                                                                 | XTNSL SEMICONDUCTOR ASSET HOLDING, LLC | 08/12/2015            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                        |                       |
| <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                                  |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                        |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>                   | <b>Number</b>         |
|                                                                                                                                                                                                 | Patent Number:                         | 6765409               |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                        |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (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> |                                        |                       |
| <b>Email:</b>                                                                                                                                                                                   | ivrecording@intven.com                 |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | FOLEY & LARDNER LLP                    |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | 150 EAST GILMAN STREET                 |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | VEREX PLAZA                            |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | MADISON, WISCONSIN 53703               |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | JOANN REYNOLDS                         |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Joann Reynolds/                       |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 10/23/2015                             |                       |
| <b>Total Attachments: 14</b>                                                                                                                                                                    |                                        |                       |
| source=++ S. AQUA SEMICONDUCTOR, LLC - DE filed merger certificate_19 Aug 2015#page1.tif                                                                                                        |                                        |                       |
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source=++ S. AQUA SEMICONDUCTOR, LLC - DE filed merger certificate\_19 Aug 2015#page14.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:

"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,

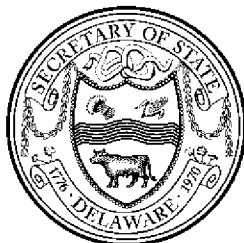
"AUCTNYC 3 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

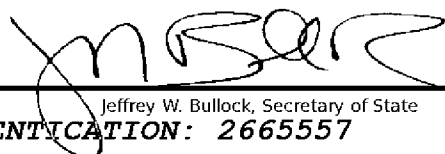
"AUCTNYC 4 LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

4267686 8100M

151192018



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

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PATENT  
REEL: 036872 FRAME: 0658

# Delaware

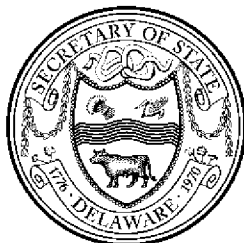
PAGE 2

*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

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PATENT  
REEL: 036872 FRAME: 0659

# 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,

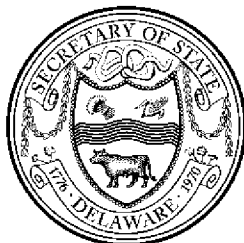
"DOT ASSETS NO. 14 LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

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

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

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PATENT  
REEL: 036872 FRAME: 0660

# 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

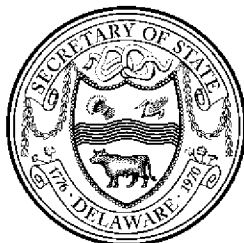
COMPANY,

"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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AUTHENTICATION: 2665557

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PATENT  
REEL: 036872 FRAME: 0661

# 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,

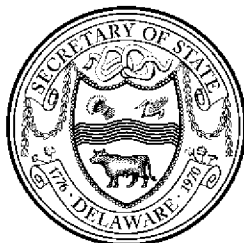
"IPH ACQUISITION L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

"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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REEL: 036872 FRAME: 0662

# 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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# 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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AUTHENTICATION: 2665557

DATE: 08-21-15

PATENT  
REEL: 036872 FRAME: 0664

# 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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AUTHENTICATION: 2665557

DATE: 08-21-15

PATENT  
REEL: 036872 FRAME: 0665

# Delaware

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*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,

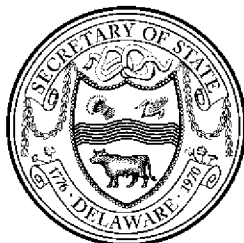
"TMSG. MOBILE FUND, L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

"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: 036872 FRAME: 0666

# Delaware

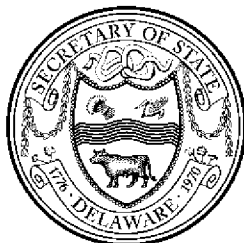
PAGE 10

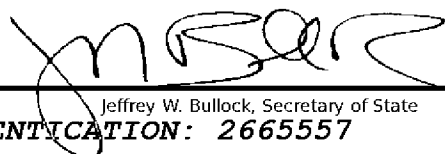
*The First State*

"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

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PATENT  
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# Delaware

PAGE 11

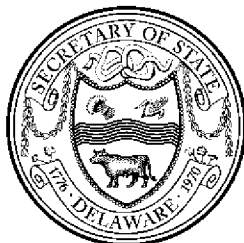
*The First State*

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



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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2665557

DATE: 08-21-15

PATENT  
REEL: 036872 FRAME: 0668

**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<br/>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 |
| Auctnyc 10 LLC                                           | Delaware                             | Limited Liability Company |
| Auctnyc 11 LLC                                           | Delaware                             | Limited Liability Company |
| 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@intlven.com  
Intellectual Ventures  
VP Chief IP Counsel

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

**The Non-Surviving Entities – continuing**

|                                                    | <b>Jurisdiction<br/>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 |
| Arspe 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 |
| Srch. 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<br/>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 |
| Dmivich Software, LLC                  | Delaware                             | Limited Liability Company |
| Banner No. 155 GmbH, LLC               | Delaware                             | Limited Liability Company |
| TPL 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 LLC                   | Delaware                             | Limited Liability Company |
| DOT Assets No. 6 LLC                   | Delaware                             | Limited Liability Company |
| DOT Assets No. 8 LLC                   | 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 |
| ZIH 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  
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Intellectual Ventures  
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