

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6517057

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	09/03/2015

CONVEYING PARTY DATA

Name	Execution Date
WALOOMBA TECH LTD., L.L.C.	08/26/2015

RECEIVING PARTY DATA

Name:	GULA CONSULTING LIMITED LIABILITY COMPANY
Street Address:	251 LITTLE FALLS DRIVE
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 3

Property Type	Number
Patent Number:	10104174
Patent Number:	10516731
Patent Number:	10785298

CORRESPONDENCE DATA**Fax Number:**

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: 3606947551
Email: ivrecording@intven.com
Correspondent Name: INTELLECTUAL VENTURES MANAGEMENT- IP LEGAL
Address Line 1: 3150 139TH AVENUE SE
Address Line 2: BUILDING 4, FLOOR 3
Address Line 4: BELLEVUE, WASHINGTON 98005

NAME OF SUBMITTER:	CARLY WHIMS
SIGNATURE:	/Carly Whims/
DATE SIGNED:	01/26/2021

Total Attachments: 20

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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:

"ALANDRO CONSULTING NY LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"ALEARO PROPERTIES LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"ANTONOPOULOS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

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

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

"BACK MICRO SOLUTIONS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"BEUQSTOR SYS. L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"BOLISON ASSETS B.V., LLC", A DELAWARE LIMITED LIABILITY

4556190 8100M

151252981




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2703218

DATE: 09-03-15

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PATENT
REEL: 055039 FRAME: 0192

Delaware

PAGE 2

The First State

COMPANY,

"BOLLER CROSS DATA, L.L.C.", A DELAWARE LIMITED LIABILITY

COMPANY,

"BOURGHAM INVESTMENTS L.L.C.", A DELAWARE LIMITED LIABILITY

COMPANY,

"BRAKINSON TELECOM L.L.C.", A DELAWARE LIMITED LIABILITY

COMPANY,

"BURTRAN APPLICATIONS L.L.C.", A DELAWARE LIMITED LIABILITY

COMPANY,

"CABINALL GROUP L.L.C.", A DELAWARE LIMITED LIABILITY

COMPANY,

"CAMBERLANE CONSULTING L.L.C.", A DELAWARE LIMITED LIABILITY

COMPANY,

"CAMBRIDGE PLATEAU HOLDINGS LLC", A DELAWARE LIMITED
LIABILITY COMPANY,

"CARHAMM LTD., LLC", A DELAWARE LIMITED LIABILITY COMPANY,


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

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

4556190 8100M

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Jeffrey W. Bullock, Secretary of State
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The First State

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

"COUNTER RIDGE LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"CREST FALLS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

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

"DELIVERM CONSULTING B.V., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DI-CELL NETWORKS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"DROVER ASSETS CO., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DUAL MEMRISTOR LTD. CO. LLC", A DELAWARE LIMITED LIABILITY COMPANY,


"D. WALL FOUNDATION LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"ELIPOSKI REMOTE LTD., L.L.C.", A DELAWARE LIMITED LIABILITY

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PAGE 4

The First State

COMPANY,

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

"ERAN & TORRA B.V., LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"ESTERPALL B.V., LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"FALL FRONT WIRELESS NY, LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"FELLOWS RESEARCH B.V., LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"FIFTH LINE LIMITED LIABILITY COMPANY", A DELAWARE LIMITED
LIABILITY COMPANY,

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

"FOREST ASSETS II LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"FORRISTER DATA LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"FORTUNE COMMUNICATIONS, L.L.C.", A DELAWARE LIMITED
LIABILITY COMPANY,

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The First State

"FULLERTON ASSETS LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

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

"GERE DEV. APPLICATIONS, LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

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

"GRADE ENTERPRISES LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"GRASLAND LIMITED LIABILITY COMPANY", A DELAWARE LIMITED
LIABILITY COMPANY,

"GREEN INVESTMENT FUND, L.L.C.", A DELAWARE LIMITED
LIABILITY COMPANY,

"HANSTOLL SOFTWARE LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"HET HAN FUND PTE., LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"HIGGS OPL. CAPITAL LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

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Jeffrey W. Bullock, Secretary of State
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The First State

"HOLLINWORTH FUND, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"HYSARE MGMT. NY, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"INFINITE BAY TELECOM LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"IONOPHELL REMOTE DE L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"JOSEPHYN TRANSFER AG LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"JOSSIFINO ALTO AG, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"KORISHIMA PROPERTY LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"KORISHIMO CO. LTD., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"KOTISHEN SERVICES, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

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Jeffrey W. Bullock, Secretary of State
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The First State

"KUNMARRA NOLL PTE. LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"LASIMER NY LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"LAZERSPEC. CO., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LEAD CORE FUND, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"LEGGER COL. A.B. LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOCASTRO INVESTMENTS, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"LORDEAUX B.V. LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

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

"LOUGHTON TECHNOLOGY, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,



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The First State

"LOW ENVIRON AG, LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"MANOR RESEARCH, L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"MEYER BROS. TECHNOLOGY GROUP LLC", A DELAWARE LIMITED
LIABILITY COMPANY,

"MICROFOLIO DATA, LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"MISTAL SOFTWARE LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"MOESSEL DATA LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"NAHGOONG NETWORKS, LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"NISSIN MGMT PTE., LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"NOCOM AUDIO NY LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"OLSEN CONSULTING LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"ONE-12 GROUP L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,
"ORITAL SOLUTIONS LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

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The First State

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

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

"PALENTALL LIMITED LIABILITY COMPANY", A DELAWARE LIMITED
LIABILITY COMPANY,

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

"PAROSTALL NETWORK, L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"PATTERSAN CONSULTING CO. L.L.C.", A DELAWARE LIMITED
LIABILITY COMPANY,

"PERDISO CO. LIMITED LIABILITY COMPANY", A DELAWARE LIMITED
LIABILITY COMPANY,

"PERIFORM REMOTE III, L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"PERRILL MGMT. L.L.C", A DELAWARE LIMITED LIABILITY COMPANY,

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

"PLATT TECHNOLOGY INVESTMENTS LLC", A DELAWARE LIMITED
LIABILITY COMPANY,

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The First State

"POINT VISCERRO LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"POLIMATRO SOFTWARE LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"POLKOWSKI CAPITAL, L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

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

"PRECISIONIST FUND II, LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"PRESCOTT NETWORKS, LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"PRESS DIRECT MANAGEMENT CO. LLC", A DELAWARE LIMITED
LIABILITY COMPANY,

"PROPULSION REMOTE HOLDINGS, LLC", A DELAWARE LIMITED
LIABILITY COMPANY,

"QUAD TELL CO. LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"RADIAL COMM RESEARCH L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"REAZER INVESTMENTS L.L.C.", A DELAWARE LIMITED LIABILITY

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The First State

COMPANY,

"REFERENCE LTD., LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"REIGN V CO. LIMITED LIABILITY COMPANY", A DELAWARE LIMITED
LIABILITY COMPANY,

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

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

"RIACHRO TECH., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"RIDGEMOUNT SOLUTIONS L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"SAGACIOUS INVESTMENT GROUP L.L.C.", A DELAWARE LIMITED
LIABILITY COMPANY,

"SAMPSONS GROUP, L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"SATERELL DATA LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

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

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The First State

"SCHILMASS CO. L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"SIGMA PRO LTD. LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"SO. BAY HOLDINGS, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"SOCIAL PERSPECTIVE MGMT. L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"SPYSCREEN LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"STRUESSEN DL LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"TAB TWO LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"TALLY LOCH INVESTMENTS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"TAP DEVELOPMENT LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"TRABANDT ASSETS LTD. L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

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

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The First State

"TRIPLE CORE LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"TRUFFEC PATENTS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

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

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

"VISION POINT SERVICES, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"VOLLI POLYMER GMBH LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"WALOOMBA TECH LTD., L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"WILLEMORROW KG, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

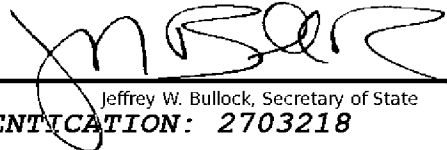
"WONDERCOM GROUP, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"WORLD ASSETS CONSULTING AG, LLC", A DELAWARE LIMITED

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Jeffrey W. Bullock, Secretary of State
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Delaware

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The First State

LIABILITY COMPANY,

"WOUNDER GMBH., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"XORANNO GROUP LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"X-POINT SOLUTIONS L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"XURIUS DIGITAL LTD. LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

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

"YOULIZA, GEHTS B.V. LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

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

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

"130 WEST PACKARD LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

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Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2703218

DATE: 09-03-15

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Delaware

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The First State

"205 RIDGMONT SOLUTIONS, L.L.C.", A DELAWARE LIMITED
LIABILITY COMPANY,

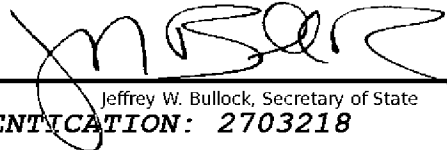
WITH AND INTO "GULA CONSULTING LIMITED LIABILITY COMPANY"
UNDER THE NAME OF "GULA CONSULTING LIMITED LIABILITY COMPANY", A
LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS
OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE
THE THIRD DAY OF SEPTEMBER, A.D. 2015, AT 9:16 O'CLOCK A.M.

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Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2703218

DATE: 09-03-15

PATENT
REEL: 055039 FRAME: 0206

**CERTIFICATE OF MERGER
OF
NON-SURVIVING ENTITIES LISTED BELOW
INTO
GULA CONSULTING 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:

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>		
Gula Consulting Limited Liability Company	Delaware	Limited Liability Company
<i>The Non-Surviving Entities:</i>		
130 West Packard LLC	Delaware	Limited Liability Company
205 Ridgmont Solutions, L.L.C.	Delaware	Limited Liability Company
Alandro Consulting NY LLC	Delaware	Limited Liability Company
Alearo Properties Limited Liability Company	Delaware	Limited Liability Company
Antonopoulos Limited Liability Company	Delaware	Limited Liability Company
Astephinolous Foundation, L.L.C.	Delaware	Limited Liability Company
AXP Research Limited Liability Company	Delaware	Limited Liability Company
Back Micro Solutions LLC	Delaware	Limited Liability Company
Barrio Development, L.L.C.	Delaware	Limited Liability Company
Beuqstor Sys. L.L.C.	Delaware	Limited Liability Company
Bolison Assets B.V., LLC	Delaware	Limited Liability Company
Boller Cross Data, L.L.C.	Delaware	Limited Liability Company
Bourgham Investments L.L.C.	Delaware	Limited Liability Company
Brakinson Telecom L.L.C.	Delaware	Limited Liability Company
Burtran Applications L.L.C.	Delaware	Limited Liability Company
Cabinall Group L.L.C.	Delaware	Limited Liability Company
Camberlane Consulting L.L.C.	Delaware	Limited Liability Company
Cambridge Plateau Holdings LLC	Delaware	Limited Liability Company
Carhamm Ltd., LLC	Delaware	Limited Liability Company
Carvoures Mgmt. Limited Liability Company	Delaware	Limited Liability Company
Conveyance Assets, L.L.C.	Delaware	Limited Liability Company
Corone Management LLC	Delaware	Limited Liability Company
Counter Ridge LLC	Delaware	Limited Liability Company
CreateTech Solutions, LLC	Delaware	Limited Liability Company
Crest Falls Limited Liability Company	Delaware	Limited Liability Company
Crossmind Applications L.L.C.	Delaware	Limited Liability Company
D. Wall Foundation Limited Liability Company	Delaware	Limited Liability Company

Phyllis Turner-Brim
E-signed 2015-08-26 01:23PM PDT
pturnerbrim@intven.com
Intellectual Ventures
VP Chief IP Counsel

Byron E Springer Jr
E-signed 2015-08-26 01:26PM PDT
bspringer@intven.com

The Non-Surviving Entities – continuing

	Jurisdiction of Formation	Type of Entity
DeliverM Consulting B.V., LLC	Delaware	Limited Liability Company
Di-cell Networks Limited Liability Company	Delaware	Limited Liability Company
Drover Assets Co., LLC	Delaware	Limited Liability Company
Dual Memristor Ltd. Co. LLC	Delaware	Limited Liability Company
Eliposki Remote Ltd., L.L.C.	Delaware	Limited Liability Company
Ephalion Fund Limited Liability Company	Delaware	Limited Liability Company
Eran & Torra B.V., LLC	Delaware	Limited Liability Company
Esterpall B.V., LLC	Delaware	Limited Liability Company
Fall Front Wireless NY, LLC	Delaware	Limited Liability Company
Fellows Research B.V., LLC	Delaware	Limited Liability Company
Fifth Line Limited Liability Company	Delaware	Limited Liability Company
Forefront Assets Limited Liability Company	Delaware	Limited Liability Company
Forest Assets II Limited Liability Company	Delaware	Limited Liability Company
Forrister Data Limited Liability Company	Delaware	Limited Liability Company
Fortune Communications, L.L.C.	Delaware	Limited Liability Company
Fullerton Assets LLC	Delaware	Limited Liability Company
Gamroe Applications, LLC	Delaware	Limited Liability Company
Gere Dev. Applications, LLC	Delaware	Limited Liability Company
Goldpark Foundation L.L.C.	Delaware	Limited Liability Company
Grade Enterprises Limited Liability Company	Delaware	Limited Liability Company
Grasland Limited Liability Company	Delaware	Limited Liability Company
Green Investment Fund, L.L.C.	Delaware	Limited Liability Company
Hanstoll Software Limited Liability Company	Delaware	Limited Liability Company
Het Han Fund Pte., LLC	Delaware	Limited Liability Company
Higgs Opl. Capital LLC	Delaware	Limited Liability Company
Hollinworth Fund, L.L.C.	Delaware	Limited Liability Company
Hysare Mgmt. NY, L.L.C.	Delaware	Limited Liability Company
Infinite Bay Telecom Limited Liability Company	Delaware	Limited Liability Company
Ionophell Remote DE L.L.C.	Delaware	Limited Liability Company
Josephyn Transfer AG LLC	Delaware	Limited Liability Company
Jossifino Alto AG, LLC	Delaware	Limited Liability Company
Koletry Processing L.L.C.	Delaware	Limited Liability Company
Korishima Property LLC	Delaware	Limited Liability Company
Korishimo Co. Ltd., LLC	Delaware	Limited Liability Company
Kotishen Services, Limited Liability Company	Delaware	Limited Liability Company
Kunmarra Noll Pte. LLC	Delaware	Limited Liability Company
Lanery Mgmt. Limited Liability Company	Delaware	Limited Liability Company
Lasimer NY LLC	Delaware	Limited Liability Company
Lateral Research Limited Liability Company	Delaware	Limited Liability Company
LazerSpec. Co., LLC	Delaware	Limited Liability Company
Lead Core Fund, L.L.C.	Delaware	Limited Liability Company
Legger Col. A.B. LLC	Delaware	Limited Liability Company
Locastro Investments, L.L.C.	Delaware	Limited Liability Company

Phyllis Turner-Brim

E-signed 2015-08-26 01:23PM PDT

pturnerbrim@intven.com

Intellectual Ventures

VP Chief IP Counsel

Byron E Springer Jr

E-signed 2015-08-26 01:26PM PDT

bspringer@intven.com

The Non-Surviving Entities – continuing

	Jurisdiction of Formation	Type of Entity
Lordeaux B.V. Limited Liability Company	Delaware	Limited Liability Company
Losimer Processing L.L.C.	Delaware	Limited Liability Company
Loughton Technology, L.L.C.	Delaware	Limited Liability Company
Low Environ AG, LLC	Delaware	Limited Liability Company
Manor Research, L.L.C.	Delaware	Limited Liability Company
Meyer Bros. Technology Group LLC	Delaware	Limited Liability Company
Microfolio Data, LLC	Delaware	Limited Liability Company
Mistal Software Limited Liability Company	Delaware	Limited Liability Company
Moessel Data LLC	Delaware	Limited Liability Company
Nahgoong Networks, LLC	Delaware	Limited Liability Company
Nissin Mgmt Pte., LLC	Delaware	Limited Liability Company
NoCom Audio NY LLC	Delaware	Limited Liability Company
Olsen Consulting Limited Liability Company	Delaware	Limited Liability Company
One-12 Group L.L.C.	Delaware	Limited Liability Company
Orital Solutions LLC	Delaware	Limited Liability Company
Osterach Tech Limited Liability Company	Delaware	Limited Liability Company
Overtouch Remote L.L.C.	Delaware	Limited Liability Company
Palentall Limited Liability Company	Delaware	Limited Liability Company
Parallel Consulting Limited Liability Company	Delaware	Limited Liability Company
Parostall Network, L.L.C.	Delaware	Limited Liability Company
Pattersan Consulting Co. L.L.C.	Delaware	Limited Liability Company
Perdiso Co. Limited Liability Company	Delaware	Limited Liability Company
Periform Remote III, L.L.C.	Delaware	Limited Liability Company
Perrill Mgmt. L.L.C.	Delaware	Limited Liability Company
Pike Group LLC	Delaware	Limited Liability Company
Platt Technology Investments LLC	Delaware	Limited Liability Company
Point Viscerro LLC	Delaware	Limited Liability Company
Polimatro Software Limited Liability Company	Delaware	Limited Liability Company
Polkowski Capital, L.L.C.	Delaware	Limited Liability Company
Portiski Research LLC	Delaware	Limited Liability Company
Precisionist Fund II, LL	Delaware	Limited Liability Company
Prescott Networks, LLC	Delaware	Limited Liability Company
Press Direct Management Co. LLC	Delaware	Limited Liability Company
Propulsion Remote Holdings, LLC	Delaware	Limited Liability Company
Quad Tell Co. Limited Liability Company	Delaware	Limited Liability Company
Radial Comm Research L.L.C.	Delaware	Limited Liability Company
Reazer Investments L.L.C.	Delaware	Limited Liability Company
Reference Ltd., Limited Liability Company	Delaware	Limited Liability Company
Reign V Co. Limited Liability Company	Delaware	Limited Liability Company
Retrieval Research Limited Liability Company	Delaware	Limited Liability Company
Retro Acquisitions L.L.C.	Delaware	Limited Liability Company
Riachro Tech., LLC	Delaware	Limited Liability Company
Ridgemount Solutions L.L.C.	Delaware	Limited Liability Company

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The Non-Surviving Entities – continuing

	Jurisdiction of Formation	Type of Entity
Sagacious Investment Group L.L.C.	Delaware	Limited Liability Company
Sampsons Group, L.L.C.	Delaware	Limited Liability Company
Saterell Data Limited Liability Company	Delaware	Limited Liability Company
Scheidner Research LLC	Delaware	Limited Liability Company
Schilmass Co. L.L.C.	Delaware	Limited Liability Company
Sigma Pro Ltd. LLC	Delaware	Limited Liability Company
So. Bay Holdings, LLC	Delaware	Limited Liability Company
Social Perspective Mgmt. L.L.C.	Delaware	Limited Liability Company
Spyscreen Limited Liability Company	Delaware	Limited Liability Company
Struessen DL Limited Liability Company	Delaware	Limited Liability Company
Tab Two Limited Liability Company	Delaware	Limited Liability Company
Tally Loch Investments LLC	Delaware	Limited Liability Company
Tap Development Limited Liability Company	Delaware	Limited Liability Company
Trabandt Assets Ltd. L.L.C.	Delaware	Limited Liability Company
TriDev Research LLC	Delaware	Limited Liability Company
Triple Core Limited Liability Company	Delaware	Limited Liability Company
Truffec Patents Limited Liability Company	Delaware	Limited Liability Company
Uniforce Tech Limited Liability Company	Delaware	Limited Liability Company
Visam Development L.L.C.	Delaware	Limited Liability Company
Vision Point Services, LLC	Delaware	Limited Liability Company
Volli Polymer GmbH LLC	Delaware	Limited Liability Company
Waloomba Tech Ltd., L.L.C.	Delaware	Limited Liability Company
Willemorrow KG, LLC	Delaware	Limited Liability Company
Winrap Fund Limited Liability Company	Delaware	Limited Liability Company
WonderCom Group, L.L.C.	Delaware	Limited Liability Company
World Assets Consulting AG, LLC	Delaware	Limited Liability Company
Wounder GmbH., LLC	Delaware	Limited Liability Company
XI Processing L.L.C.	Delaware	Limited Liability Company
Xoranno Group Limited Liability Company	Delaware	Limited Liability Company
X-Point Solutions L.L.C.	Delaware	Limited Liability Company
Xurius Digital Ltd. LLC	Delaware	Limited Liability Company
Yoranso Consulting Limited Liability Company	Delaware	Limited Liability Company
Youliza, Gehts B.V. Limited Liability Company	Delaware	Limited Liability Company
Zilos Networking Limited Liability Company	Delaware	Limited Liability Company
Zoralco Fund 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 Gula Consulting Limited Liability Company.

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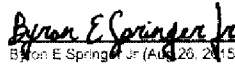
4. The Certificate of Formation of Gula Consulting Limited Liability Company shall be the Certificate of Formation of the surviving limited liability company.

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.

**GULA CONSULTING LIMITED LIABILITY
COMPANY**


Byron E Springer Jr (Aug 28, 2015)

By: _____
Name: Byron E Springer Jr
Its: Assistant Secretary

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