505178005 11/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5224773

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

CONVEYING PARTY DATA

Name	Execution Date
PRECISIONIST FUND II, LLC	08/26/2015

RECEIVING PARTY DATA

Name:	GULA CONSULTING LIMITED LIABILITY COMPANY
Street Address:	160 GREENTREE DRIVE
Internal Address:	SUITE 101
City:	DOVER
State/Country:	DELAWARE
Postal Code:	19904

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15587782

CORRESPONDENCE DATA

Fax Number: (312)775-8100

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: 312-775-8000

Email: emaxson@mcandrews-ip.com

MCANDREWS, HELD & MALLOY, LTD. **Correspondent Name:**

Address Line 1: 500 WEST MADISON STREET

34TH FLOOR Address Line 2:

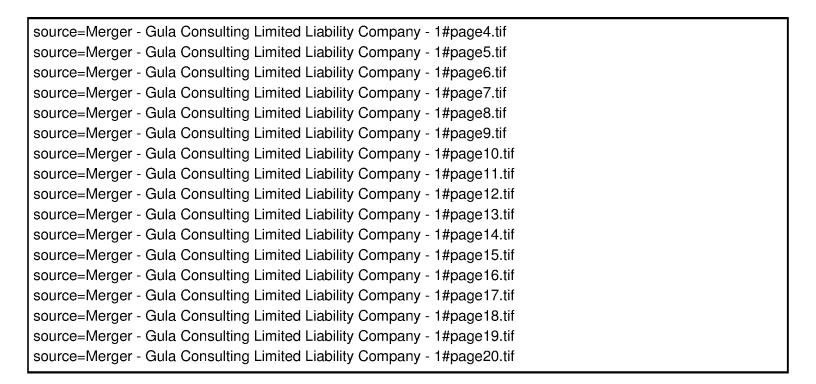
Address Line 4: CHICAGO, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	24743US06
NAME OF SUBMITTER:	JEFFREY B. HUTER
SIGNATURE:	/Jeffrey B. Huter/
DATE SIGNED:	11/06/2018

Total Attachments: 20

source=Merger - Gula Consulting Limited Liability Company - 1#page1.tif source=Merger - Gula Consulting Limited Liability Company - 1#page2.tif source=Merger - Gula Consulting Limited Liability Company - 1#page3.tif

PATENT REEL: 047426 FRAME: 0121 505178005



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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

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AUTHENTICATION: 2703218

DATE: 09-03-15

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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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AUTHENTICATION: 2703218

DATE: 09-03-15

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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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AUTHENTICATION: 2703218

DATE: 09-03-15

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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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AUTHENTY CATION: 2703218

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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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AUTHENTY CATION: 2703218

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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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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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AUTHENTY CATION: 2703218

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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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AUTHENTICATION: 2703218

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Delaware

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

4556190 8100M

151252981

AUTHENTY CATION: 2703218

DATE: 09-03-15

PATENT REEL: 047426 FRAME: 0132

Delaware

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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AUTHENTY CATION: 2703218

DATE: 09-03-15

PATENT REEL: 047426 FRAME: 0133

Delaware

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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AUTHENTICATION: 2703218

DATE: 09-03-15

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Delaware

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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AUTHENTY CATION: 2703218

DATE: 09-03-15

PATENT REEL: 047426 FRAME: 0135

Delaware

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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AUTHENTY CATION: 2703218

DATE: 09-03-15

PATENT REEL: 047426 FRAME: 0136



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.

4556190 8100M

151252981

DATE: 09-03-15

AUTHENTICATION: 2703218

PATENT REEL: 047426 FRAME: 0137

Jeffrey W. Bullock, Secretary of State

State of Delaware Secretary of State Division of Corporations Delivered 09:16 AM 09/03/2015 FILED 09:16 AM 09/03/2015 SRV 151252981 - 4556190 FILE

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:

	Jurisdiction of	
Name	Formation	Type of Entity
The Surviving Entity:		
Gula Consulting Limited Liability Company	Delaware	Limited Liability Company
The Non-Surviving Entities:		
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
Beugstor 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

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PATENT REEL: 047426 FRAME: 0138

The Non-Surviving Entities - continuing Jurisdiction Type of Entity **Formation**

Delaware DeliverM Consulting B.V., LLC 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 Limited Liability Company Forefront Assets Limited Liability Company Delaware Delaware Forest Assets II Limited Liability Company 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

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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

PATENT

The Non-Surviving Entities - continuing Jurisdiction Type of Entity of Formation

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
Parellel 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

Phyllis Turner-Brim

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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

PATENT

REEL: 047426 FRAME: 0140

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

- 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.

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

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PATENT REEL: 047426 FRAME: 0141

- 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

Byton E Spring P Jr (Aug 26, 2015)

Name: Byron E Springer Jr Its: Assistant Secretary

Phyllis Turner-Brim E-signed 2015-08-26 01:23PM PDT

ptumerbrim@intven.com Intellectual Ventures VP Chief IP Counsel Byron E Springer Jr E-signed 2015-08-26 01:26PM PDT bspringer@intven.com

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