503546786 10/29/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3593413

SUBMISSION TYPE:			NEW ASSIGNMENT	
NATURE OF CONVEYANCE:			MERGER	
EFFECTIVE DATE:		08/14/2015		
CONVEYING PARTY I	ΔΑΤΑ			
			Name	Execution Date
SYNERTRONICS LLC				08/13/2015
RECEIVING PARTY D	ΔΤΔ			
Name:		I LLC		
Street Address:	2215-E	REN/	AISSANCE DRIVE,	
Internal Address:	SUITE	5	·	
City:	LAS VI	EGAS		
State/Country:	NEVA	DA		
Postal Code:	89119			
PROPERTY NUMBER	S Total: 1			
Property Type	•		Number	
Patent Number:		64382	268	
CORRESPONDENCE	DATA			
Fax Number:	ha cant ti	• •	679-0580 e-mail address first; if that is uns	uccessful it will be sent
			at is unsuccessful, it will be sen	
Email:			ording@intven.com	
•		RNE, KESSLER, GOLDSTEIN, & FO	XC	
Address Line 1:			NEW YORK AVENUE, NW	
Address Line 4:		WASHINGTON, D.C. 20005		
NAME OF SUBMITTER: MARY BROWN				
SIGNATURE:			/Mary Brown/	
DATE SIGNED:			10/29/2015	
Total Attachments: 46				
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	140105
BARBARA K. CEGAVSKE Secretary of State 202 North Carson Street Carson City, Nevada 89701-4201 (775) 684-5708 Website: www.nysos.gov	Filed in the office of Bachare K. Cregavske Barbara K. Cegavske Filing Date and Time
	Secretary of State State of Nevada Entity Number E0415702005-4
Articles of Merger (PURSUANT TO NRS 92A.200) Page 1	
NK ONLY - DO NOT HIGHLIGHT	ABOVE SPACE IS FOR OFFICE USE ONLY
Articles of	
(Pursuant to NRS	Chapter 92A)
1) Name and Jurisdiction of organization of each con	
If there are more than four merging entities, containing the required information for each	check box and attach an 8 1/2" x 11" blank sheet additional entity from article one.
Shalott Solutions LLC Name of merging entity	nanganangangka manangangka pengengengengengengengen kanangan kanangan kanangan dari di kanangan kanangan penge Sengang pangan mengengan kanangan kanangan kanangan menangan kanangan kanangan kanangan dari dari dari dari dari
Nevada Juriscliction	limited-liability company Entity type *
Name of merging entity	
Nevada	limited-liability company Entity type *
Intellectual Ventures Fund 21 LLC	n no
Intellectual Ventures Fund 21 LLC Name of merging entity Nevada	limited-liability company
Intellectual Ventures Fund 21 LLC Name of merging entity Nevada Jurisdiction Intellectual Ventures Fund 31 LLC Name of merging entity	limited-liability company Entity type *
Intellectual Ventures Fund 21 LLC Name of merging entity Nevada	limited-liability company
Intellectual Ventures Fund 21 LLC Name of merging entity Nevada Jurisdiction Intellectual Ventures Fund 31 LLC Name of merging entity Nevada Jurisdiction	limited-liability company Entity type * limited-liability company
Intellectual Ventures Fund 21 LLC Name of merging entity Nevada Jurisdiction Intellectual Ventures Fund 31 LLC Name of merging entity Nevada Jurisdiction and, Xylon LLC Name of surviving entity	limited-liability company Entity type * limited-liability company Entity type *
Intellectual Ventures Fund 21 LLC Name of merging entity Nevada Jurisdiction Intellectual Ventures Fund 31 LLC Name of merging entity Nevada Jurisdiction and, Xylon LLC	limited-liability company Entity type * limited-liability company Entity type *

This form must be accompanied by appropriate fees.

Nevada Secretary of State 92A Merger Page 1 Revised: 1-5-15



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Articles of Merger (PURSUANT TO NRS 92A.200)

Page 2

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2) Forwarding address where copies of process may be sent by the Secretary of State of Nevada (if a foreign entity is the survivor in the merger • NRS 92A.190):

	and and the second s			
	c/o:			
		÷		7
	and a second	e di Pres		
	e one:			
	The undersigned declares that a plan of merger has been ado	pted by eac	h consti	tuent e
SI (NRS 824.200).			
	on the state data in the second se	, manazina ana bisina ata i	a interaction	
	The undersigned declares that a plan of merger has been ado	pted by the	parent d	lomesu
، لي	entity (NRS 92A.180).			
wner'	s approval (NRS 92A 200) (options a, b or c must be used, as	applicable,	for each	entity)
	s approval (NRS 92A 200) (options a, b or c must be used, as			
	If there are more than four merging entitles, check box and at	tach an 8°1/	2" x 11"	blank s
	If there are more than four merging entities, check box and at containing the required information for each additional entity	tach an 8°1/	2" x 11"	blank s
	If there are more than four merging entitles, check box and at	tach an 8°1/	2" x 11"	blank s
	If there are more than four merging entitles, check box and at containing the required information for each additional entity article four. ner's approval was not required from	tach an 81/ from the ap	2" x 11"	blank s
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i) Ow	If there are more than four merging entitles, check box and at containing the required information for each additional entity article four. ner's approval was not required from me of merging entity, if applicable	tach an 81/ from the ap	2" x 11"	blank s
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Na Na Na	If there are more than four merging entitles, check box and at containing the required information for each additional entity article four. ner's approval was not required from me of merging entity, if applicable arme of merging entity, if applicable	tach an 8 1/ from the ap		

Name of surviving entity, if applicable

This form must be accompanied by appropriate fees.

Nevada Secretary of State 92A Merger Page 2 Revised: 1-5-15



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Articles of Merger

(PURSUANT TO NRS 92A.200)

Page 3

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(b) The plan was approved by the required consent of the owners of *:

Shalott Solutions LLC	
Name of merging entity, if applicable	
Intellectual Ventures Fund 10 LLC	
Name of merging entity, if applicable	
and the second	
Name of merging entity, if applicable	
Intellectual Ventures Fund 31 LLC	
Name of merging entity, if applicable	
And the second	
and, or an a second	

Xylon LLC	and the second
And the second	تلف الانتركية الجالية رياب السوابات الشربينين
Name of surviving entity, if applicable	

* Unless otherwise provided in the certificate of trust or governing instrument of a business trust, a merger must be approved by all the trustees and beneficial owners of each business trust that is a constituent entity in the merger.

This form must be accompanied by appropriate fees.

Nevada Secretary of State 92A Merger Page 3 Revised: 1-5-15



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Articles of Merger

(PURSUANT TO NRS 92A.200)

Page 4

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Sec. 14

(c) Approval of plan of merger for Nevada non-profit corporation (NRS 92A.160):

The plan of merger has been approved by the directors of the corporation and by each public officer or other person whose approval of the plan of merger is required by the articles of incorporation of the domestic corporation.

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ananala menerikan keneri keneri dan dan manana meningi seri seri kenerikan kenerikan kenerikan kenerikan period

Name of merging entity, if applicable

and, or;

Name of surviving entity, if applicable

This form must be accompanied by appropriate fees.

Nevada Secretary of State 92A Merger Page 4 Revised: 1-5-15



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Articles of Merger (PURSUANT TO NRS 92A.200)

Page 5

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			:
(a) 1			
(a) 1 or, (b) 1	The entire plan of merger	is attached; is on file at the registered office of the surviving corporation, lim at the records office address if a limited partnership, or other pl	ited-lia
or, (a) 1 or, (b) 1 com busi	The entire plan of merger The entire plan of merger i pany or business trust, or ness of the surviving entit	is attached; is on file at the registered office of the surviving corporation, lim at the records office address if a limited partnership, or other pl	

* Amended and restated articles may be attached as an exhibit or integrated into the articles of merger. Please entitle them "Restated" or "Amended and Restated," accordingly. The form to accompany restated articles prescribed by the secretary of state must accompany the amended and/or restated articles. Pursuant to NRS 92A.180 (merger of subsidiary into parent - Nevada parent ewning 90% or more of subsidiary), the articles of merger may not contain amendments to the constituent documents of the surviving entity except that the name of the surviving entity may be changed.

This form must be accompanied by appropriate fees.

Nevada Secretary of State 92A Merger Page 5 Revised: 1-5-15



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Articles of Merger (PURSUANT TO NRS 92A 200) Page 6

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8) Signatures - Must be signed by: An officer of each Nevada corporation; All general partners of each Nevada limited partnership; All general partners of each Nevada limited-liability limited partnership; A manager of each Nevada limited-liability company with managers or one member if there are no managers; A trustee of each Nevada business trust (NRS 92A.230)*



If there are more than four merging entities, check box and attach an 8 1/2" x 11" blank sheet containing the required information for each additional entity from article eight.

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ame of merging er	.		
1 M	Byron Springer, as Assistant Secretary of Argi	Manager	8/13/2015
ignature	Management, LLC, Manager	Title	Date
mallectual Ventures I	Fund 10 LLC	and a second	and a second contract with the second
ame of merging e	tog and the second seco	al a mariana al a constra a	
MAGAN	Assistant Secretary of	Manager	8/13/2015
unature	Management LLC, Manage	erTitlo	Date
ntelifctual Ventures	Fund 21 LLC	ال 1889 (۵۰ میلیون میلیون پر پر ایست ایند ایندی و ایست میدر در د. مرکز ۱۹۹۵ (۵۰ میلیون میلیون پر با این ایندی میلیون و ایست میلیو در ایندی میلیون و ایست میلیو در ایندی میلیو	ana <u>n (no ser</u> en la seconda de la seconda de Seconda de la seconda de la s
arrie of merging e	ntity Byron Springer, as		
(MALAN	Assistant Secretary of IVF Technology	Manager	8/13/2015
ignature	Management LLC, Mana	switte	Date
tellectual Ventures	Fund 31 LLC	a and a second secon	
ame of mending a	niitv	nenen un il a securità in a que 1938	* (See 1 200)
NOW	Assistant Secretary of Intellectual Ventures	Manager	8/13/2015
Ignature	Fund 2 LLC, Manager	Title	Date
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vloa LLC	an a	tan change na manage na tan tan tan tan	taaliin aasti taa saarii in
lame of surviving	extity	agana marana ana ang sa sa S	n a se e e
while	Byron Springer, as Assistant Secretary of Savantilouic LLC.	Manager	8/13/2015
Signature)	Manager	Title	Date

* The articles of merger must be signed by each foreign constituent entity in the manner provided by the law governing it (NRS 92A.230). Additional signature blocks may be added to this page or as an attachment, as needed.

IMPORTANT: Failure to include any of the above information and submit with the proper fees may cause this filing to be rejected.

This form must be accompanied by appropriate fees.

Nevada Secretary of State 92A Merger Page 6 Revised: 1-5-15



Intellectual Ventures Fund 32 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Fund 35 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Fund 37 LLC Jurisdiction: Nevada Entity Type: Ilmited-Ilability company

Intellectual Ventures Fund 41 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Fund 42 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Fund 43 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Fund 44 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Fund 45 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Fund 46 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Page 1 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

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Intellectual Ventures Fund 47 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Fund 49 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Fund 50 LLC Jurisdiction: Nevada

Entity Type: limited-liability company

Intellectual Ventures Fund 51 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Holding 9 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Holding 11 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Holding 15 LLC

 Jurisdiction:
 Nevada

 Entity Type:
 Ilmited-flability company

Intellectual Ventures Holding 32 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Holding 35 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Page 2 of 40

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Intellectual Ventures Holding 37 LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Faust Communications LLC

Jurisdiction: Nevada Entity Type: limited-liability company

West Lane Data LLC

Iurisdiction: Nevada Entity Type: limited-liability company

Alternative Atlantic Investments LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Brazos Holdings LLC

Jurisdiction: Nevada Entity Type: Ilmited-Ilability company

Datolite Technology Ventures LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Energy Wireless Communications LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Hardy Capital LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Agate Solutions LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Page 3 of 40

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Dragsholm Wireless Holdings LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Raseborg Communications LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Nauru Ventures LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Andesine Holdings LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Stikine Technology LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Noatak Software LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Altaite Communications LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Kiribati Wireless Ventures LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Durham Logistics LLC Jurisdiction: Nevada Entity Type: limited-liability company

Page 4 of 40

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Intarsia Software LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Idocrase Investments LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Alta Vocal Data LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Audio Innovations LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Carnellan Cordless LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Corundum Datasafe LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Aerial Values LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Altamira Communications LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Page 5 of 40

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Salonga Access LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Pirin Pocket Data LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Beach Unlimited LLC

Iurisdiction: Nevada Entity Type: limited-liability company

Sunstone Components LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Roskilde Semiconductor LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Orthoclase Electric Funds LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Broche Data Management LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Spinel Ektronix LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Manu Biologicals LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Page 6 of 40

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Mahogan Data LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Legion Advances LLC

Jurisdiction: Nevada Entity Type: limited-liability company.

Madeira Fluid Components LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Jasper Wireless LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Chrono Data LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Digital Data Funding LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Dosa Advances LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Embedded Components LLC Jurisdiction: Nevada

Jurisdiction: Nevada Entity Type: limited-liability company

Entces Cordless Networks LLC Jurisdiction: Nevada Entity Type: limited-liability company

Page 7 of 40

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Ether Visuals LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Forster Energy LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Geowireless Technology LLC

Jurisdiction: Nevada Entity Type: limited-liability company

International Funding Partners LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Laser Signals LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Lishe Recordings LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Mobile Technics LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Naxos Data LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Optical Research Partners LLC Jurisdiction: Nevada Entity Type: limited-liability company

Page 8 of 40

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Remote Access LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Skyward Optics LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Sound International Solutions LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Stellar Kinetics LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Superior Data Sources LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Synertronics LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Tech Equity Partners LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Thera Consultants LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Visual Advances LLC

Jurisdiction: Nevada Entity Type: limited-liability company

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PATENT

REEL: 037007 FRAME: 0253

Portable Management LLC

Jurisdiction:	Nevada
Entity Type:	limited-liability company

Meyer Cordless LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Teledata Sound LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Null Networks LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Pivotal Decisions LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Ivor Systems LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Mainline Data LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Tech Byte Systems LLC

Jurisdiction: Nevada Entity Type: limited-liability company

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C Document Integrity Verified

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U



Voice Signals LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Onederland Technology LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Straight Signals LLC

Iurisdiction: Nevada Entity Type: limited-liability company

Core Networks LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Glassine Systematics LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Systemics LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Remote Sales LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Chronic Networks LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Streaming Sales LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Page 11 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

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Visual Cues LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Wireless Commerce LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Acoustic Technology LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Binding Solutions LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Tangie Data Holdings LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Zander Logistics LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Zende Advances LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Seabone Ventures LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Taggert Holdings LLC Jurisdiction: Nevada Entity Type: limited-liability company

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PATENT

REEL: 037007 FRAME: 0256

Stavros Investments LLC Jurisdiction: Nevada

Entity Type: limited-liability company

Solita Software LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Giles Data LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Kendall Holdings LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Hayley Logistics LLC Jurisdiction: Nevada Entity Type: limited-liability company

Xtrema LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Lujack Systems LLC Jurisdiction: Nevada Entity Type: Jimited-Ilability company

Britta Technologies LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Jagger Data Sources LLC Jurisdiction: Nevada Entity Type: limited-liability company

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Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U

Paolo Visual Data LLC

s,

Jurisdiction: Nevada Entity Type: limited-liability company

Graeme Investments LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Nola Semiconductor LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Joani Access LLC

Jurisdiction: Nevada Entity Type: Ilmited-liability company

Myra Data LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Intellectual Ventures Video Preferences 3 LLC Jurisdiction: Nevada Entity Type: limited-liability company

Rafe Communications LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Reena Optics LLC

Jurisdiction: Nevada Entity Type: limited-liability company

Shep Data Funding LLC

Jurisdiction: Nevada Entity Type: limited-liability company

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Article Four §b - Additional Merging Entities Pursuant to the Preceding Articles of Merger

The plan was approved by the required consent of the owners of (continued):

Intellectual Ventures Fund 32 LLC	Intellectual Ventures Fund 35 LLC
Intellectual Ventures Fund 37 LLC	Intellectual Ventures Fund 41 LLC
Intellectual Ventures Fund 42 LLC	Intellectual Ventures Fund 43 LLC
Intellectual Ventures Fund 44 LLC	Intellectual Ventures Fund 45 LLC
Intellectual Ventures Fund 46 LLC	Intellectual Ventures Fund 47 LLC
Intellectual Ventures Fund 49 LLC	Intellectual Ventures Fund 50 LLC
Intellectual Ventures Fund 51 LLC	Intellectual Ventures Holding 9 LLC
Intellectual Ventures Holding 11 LLC	Intellectual Ventures Holding 15 LLC
Intellectual Ventures Holding 32 LLC	Intellectual Ventures Holding 35 LLC
Intellectual Ventures Holding 37 LLC	Faust Communications LLC
West Lane Data LLC	Alternative Atlantic Investments LLC
Brazos Holdings LLC	Datolite Technology Ventures LLC
Energy Wireless Communications LLC	Hardy Capital LLC
Agate Solutions LLC	Dragsholm Wireless Holdings LLC
Raseborg Communications LLC	Nauru Ventures LLC
Andesine Holdings LLC	Stikine Technology LLC
Noatak Software LLC	Altaite Communications LLC
Kiribati Wireless Ventures LLC	Durham Logistics LLC
Intarsia Software LLC	Idocrase Investments LLC
Alta Vocal Data LLC	Intellectual Ventures Audio Innovations LLC
Carnelian Cordless LLC	Corundum Datasafe LLC
Aerial Values LLC	Altamira Communications LLC
Salonga Access LLC	Pirin Pocket Data LLC
Beach Unlimited LLC	Sunstone Components LLC
Roskilde Semiconductor LLC	Orthoclase Electric Funds LLC
Broche Data Management LLC	Spinel Ektronix LLC
Manu Biologicals LLC	Mahogan Data LLC
Legion Advances LLC	Madeira Fluid Components LLC
Jasper Wireless LLC	Chrono Data LLC
Digital Data Funding LLC	Dosa Advances LLC
Embedded Components LLC	Entces Cordless Networks LLC
Ether Visuals LLC	Forster Energy LLC
Geowireless Technology LLC	International Funding Partners LLC
Laser Signals LLC	Lishe Recordings LLC
Mobile Technics LLC	Naxos Data LLC
Optical Research Partners LLC	Remote Access LLC
Skyward Optics LLC	Sound International Solutions LLC
Stellar Kinetics LLC	Superior Data Sources LLC

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

Document Integrity Verified —

Adobe Document Cloud Transaction Number: XRBJH8URX7R5559 **PATENT**

REEL: 037007 FRAME: 0259

Article Four §b - Additional Mergi	ing Entities Pursuant to the Preceding Articles of Merger
The plan was approved by the rec	quired consent of the owners of (continued):

Synertronics LLC	Tech Equity Partners LLC
Thera Consultants LLC	Visual Advances LLC
Portable Management LLC	Meyer Cordless LLC
Teledata Sound LLC	Null Networks LLC
Pivotal Decisions LLC	Ivor Systems LLC
Mainline Data LLC	Tech Byte Systems LLC
Voice Signals LLC	Onederland Technology LLC
Straight Signals LLC	Core Networks LLC
Glassine Systematics LLC	Systemics LLC
Remote Sales LLC	Chronic Networks LLC
Streaming Sales LLC	Visual Cues LLC
Wireless Commerce LLC	Acoustic Technology LLC
Binding Solutions LLC	Tangie Data Holdings LLC
Zander Logistics LLC	Zende Advances LLC
Seabone Ventures LLC	Taggert Holdings LLC
Stavros Investments LLC	Solita Software LLC
Giles Data LLC	Kendall Holdings LLC
Hayley Logistics LLC	Xtrema LLC
Lujack Systems LLC	Britta Technologies LLC
Jagger Data Sources LLC	Paolo Visual Data LLC
Graeme Investments LLC	Nola Semiconductor LLC
Joani Access LLC	Myra Data LLC
Intellectual Ventures Video Preferences 3 LLC	Rafe Communications LLC
Reena Optics LLC	Shep Data Funding LLC

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Document Integrity Verified —

Adobe Document Cloud Transaction Number: XR8JH8URX7R5E5U

Article Eight - Additional Merging Entities' Signatures to the Preceding Articles of Merger

Name of Merging Entity: Intellectual Ventures Fund 32 LLC Intellectual Ventures Fund 2 LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Fund 35 LLC Intellectual Ventures Fund 2 LLC, Manager

Signature: Billion E. Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Fund 37 LLC IVF Technology Management LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Fund 41 LLC. IVF Technology Management LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Fund 42 LLC IVF Technology Management LLC, Manager

Signature: 5 Byron Springer, Assistant Secretary Date: August 13, 2015

Page 17 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

Occument Integrity Verified

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U



Name of Merging Entity: Intellectual Ventures Fund 43 LLC IVF Technology Management LLC, Manager

Signature: Blant Spring of AG13 28 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Fund 44 LLC IVF Technology Management LLC, Manager

Signature: Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Fund 45 LLC IVF Technology Management LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Fund 45 LLC IVF Technology Management 2 LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Fund 47 LLC IVF Technology Management 2 LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Fund 49 LLC IVF Technology Management 2 LLC, Manager

Signature: The Source of S

Page 18 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified =

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U

Name of Merging Entity: Intellectual Ventures Fund 50 LLC IVF Technology Management 2 LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Fund 51 LLC IVF Technology Management 3 LLC, Manager

쓃

Signature: Ellon E. Some Price (1993) 28 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Holding 9 LLC IVH Technology Management LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Holding 11 LLC IVH Technology Management LLC, Manager

Signature: Byron E Spinger, August 2 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Holding 15 LLC IVH Technology Management LLC, Manager

Beren E. Corine

Signature: Bloot E Springer, (Assist of Byron Springer, Assistant Secretary Date: August 13, 2015

Page 19 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

Document Integrity Verified =

Adobe Document Cloud Transaction Number: XR8JH8URX7R5E5U

PATENT

REEL: 037007 FRAME: 0263

Name of Merging Entity: Intellectual Ventures Holding 32 LLC IVH Technology Management LLC, Manager

Signature: More sprover (AGI3-2 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Holding 35 LLC. IVH Technology Management LLC, Manager

Signature: 6NonE Spingery, (Auto 201 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Holding 37 LLC Intellectual Ventures Holding 3 LLC, Manager

Signature: Blon E. Spingeler, Jung 13, 2015 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Faust Communications LLC. Argi Management, LLC, Manager

Signature: 5fm E.Spinovik, (A) 13,244 Byron Springer, Assistant Secretary Date: August 13, 2015

Page 20 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified .

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Name of Merging Entity: West Lane Data LLC Argi Management, LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Alternative Atlantic Investments LLC Genetiplex LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Brazos Holdings LLC Genetiplex LLC, Manager

Signature: Bitm E spmoof/c usel13.20/5 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Datolite Technology Ventures LLC Excimer LLC, Manager

Signature: Byton E. Sutney Mar. (AGA 12 2005) Byton Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Energy Wireless Communications LLC Excimer LLC, Manager

Signature: "Bylon E. Springer, Add 13, 2015 Byron Springer, Assistant Secretary Date: August 13, 2015

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified =

Adobe Document Cloud Transaction Number: XRBJH8URX7RSESU

Name of Merging Entity: Hardy Capital LLC Excimer LLC, Manager

Signature: Bios E. Spinger, August 24 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Agate Solutions LLC Excimer LLC, Manager

Signature: The songer, Assistant Secretary Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Dragsholm Wireless Holdings LLC Exclimer LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Raseborg Communications LLC Excimer LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Nauru Ventures LLC Cyclocom LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Andesine Holdings LLC Cyclocom LLC, Manager

Signature: Biton E: Seninger Jr. (ALS 11. 24)51 Byron Springer, Assistant Secretary Date: August 13, 2015

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified =

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U

Name of Merging Entity: Stikine Technology LLC Cyclocom LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Noatak Software LLC Cyclocom LLC, Manager

Signature; Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Altaite Communications LLC Cyclocom LLC, Manager

64

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Kiribati Wireless Ventures LLC Cyclocom LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Durham Logistics LLC Memscom LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified =

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U



Name of Merging Entity: Intarsia Software LLC Memscom LLC, Manager

Birton F. Coringe Billion E. Springer Jr. (Aug 13

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Idocrase Investments LLC Memscom LLC, Manager

Signature: Byon E. S Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Alta Vocal Data LLC Patpulse LLC, Manager

Signature: Blone. Spr Byron Springer, Assistant Secretary Date: August 13, 2015

Page 24 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified -

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U #

Name of Merging Entity: Intellectual Ventures Audio Innovations LLC Patpulse LLC, Manager

Signature: Bron E. Soring Mr. (A. Sila 2016 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Carnelian Cordiess LLC Patpulse LLC; Manager

Signature: Blon E. Soring Str. (2013)

Signature: The Estimate And Street and Stree

Page 25 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U



Name of Merging Entity: Corundum Datasafe LLC Patpulse LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Aerial Values LLC Patpulse LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Altamira Communications LLC Patpulse LLC, Manager

Signature: BNon E Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Salonga Access LLC Axiopat LLC, Manager

EN/IL

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Pirin Pocket Data LLC Axiopat LLC, Manager

Signature: Bros E. Sc Byron Springer, Assistant Secretary Date: August 13, 2015

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

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Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U



Name of Merging Entity: Beach Unlimited LLC Synchiab LLC, Manager

Signature: Silve & Spins Pr. (AUG)12 20 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Sunstone Components LLC Axiopat LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Roskilde Semiconductor LLC Axlopat LLC, Manager

Signature: Bion E. Spingela, (46) 1. Wes Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Orthoclase Electric Funds LLC Axiopat LLC, Manager

Signature: Byron C. Spingers, 1998 13, 24 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity, Broche Data Management LLC. Diquantum LLC, Manager

Signature: Byon E Stand Stranger, August 13, 2015

Name of Merging Entity: Spinel Ektronix LLC Axiopat LLC, Manager

Birn E. (

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified

Adabe Document Cloud Transaction Number: XRBJH8URX7R5E5U

Name of Merging Entity: Manu Biologicals LLC Neutrax LLC, Manager

Signature: Billion C. Springery (A.G.1.2) Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Mahogan Data LLC Neutrax LLC, Manager

Signature: Bitter & Springer, August 200 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Legion Advances LLC Neutrax LLC, Manager

Signature: Byon E spinger, regist regist of Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Madelra Fluid Components LLC Neutrax LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Jasper Wireless LLC Neutrax LLC, Manager

Signature: Biton E. Springelie. (AGN) 2019 Byron Springer, Assistant Secretary Date: August 13, 2015

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

Document Integrity Verified =

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U


Name of Merging Entity: Chrono Data LLC Synchlab U.C, Manager

16

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Digital Data Funding LLC Diquantum LLC, Manager

Signature: Silon E Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Dosa Advances LLC. Ultrum LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Embedded Components LLC Diquantum LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Entces Cordless Networks LLC Ultrum LLC, Manager

Biron F. C

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified -

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U

Name of Merging Entity: Ether Visuals LLC Synchlab LLC, Manager

Signature: Byon E. Songers. Puges. Program. Byron Springer, Assistant Secretary-Date: August 13, 2015

Name of Merging Entity: Forster Energy LLC Diquantum LLC, Manager

84

Signature: Blone Spinskin (Add 18. 2015 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Geowireless Technology LLC: Diquantum LLC, Manager

Ħ

Signature: Bilon E Bornedur, (Alana Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: International Funding Partners LLC Diquantum LLC, Manager

Signature: Bion E. Songel A. (AUG13, 24) Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Laser Signals LLC Synchlab LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Lishe Recordings U.C. Ultrum LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Page 30 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified =

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U

Name of Merging Entity: Mobile Technics LLC Diquantum LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Naxos Data LLC Patsync LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Optical Research Partners LLC Axiopat LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Remote Access LLC Ultrum LLC, Manager

Signature: 🖏 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Skyward Optics LLC Synchlab LLC, Manager

Signature: Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Page 31 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

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Adobe Doctiment Cloud Transaction Number: XRBJH8URX7R5E5U*

Name of Merging Entity: Sound International Solutions LLC Ultrum LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Stellar Kinetics LLC Axiopat LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Superior Data Sources LLC Axiopat LLC, Manager

Signature: Blon E. Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Synertronics LLC Synchlab LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Tech Equity Partners LLC Synchlab LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Thera Consultants LLC Patsync LLC, Manager

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Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

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Adobe Document Cloud Transaction Number: XRB/H8URX7R5E5U

PATENT

REEL: 037007 FRAME: 0276

Name of Merging Entity: Visual Advances LLC Diquantum LLC, Manager

Signature: Shore S Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Portable Management LLC Algorythm LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Meyer Cordless LLC Algorythm LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Teledata Sound LLC Algorythm LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Null Networks LLC Algorythm LLC, Manager

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Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

Document Integrity Verified =

Adobe Document Cloud Transaction Number: XRBJHBURX7R5E5U

Name of Merging Entity: Pivotal Decisions LLC IPTek LLC, Manager

Burran E. Corinder fr.

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Ivor Systems LLC IPTek LLC, Manager

Signature: Blone sounder, Add 13 20(6) Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Mainline Data LLC: IPTek LLC, Manager

Signature: Biten E Springery, (August 2015) Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Tech Byte Systems LLC IPTek LLC, Manager

Signature: Effort same are (A.G.). 24 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Voice Signals LLC IPTek LLC, Manager

Signature: Ellin E Songeliu (AGL13, 2015) Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Onederland Technology LLC IPTek LLC, Manager

Signature: BNN E Spinger, (July 12 20) Byron Springer, Assistant Secretary Date: August 13, 2015

Page 34 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

Document Integrity Verified •

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U

Name of Merging Entity: Straight Signals LLC IPTek LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Core Networks LLC Infogram LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Glassine Systematics LLC Infogram LLC, Manager

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Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Systemics LLC Infogram LLC, Manager

Signature: Biton E. Som Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Remote Sales LLC Infogram LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Chronic Networks LLC Infogram LLC, Manager

Signature: Blon E. Springer (Aug 13. 2 Byron Springer, Assistant Secretary Date: August 13, 2015

Page 35 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified

Adobe Document Cloud Transaction Number: XRBUH8URX7R5E5U

Name of Merging Entity: Streaming Sales LLC Infogram LLC, Manager

34

Signature: Silon E composition (Additional) Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Visual Cues LLC Infogram LLC, Manager

Signature: Silve server Add 2018 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Wireless Commerce LLC Graphicor LLC, Manager

Signature: Brine E Spring W. (Mail: 24 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Acoustic Technology LLC Graphicor LLC, Manager

Signature: Effore sound in (AG11 24) Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Binding Solutions LLC Graphicor LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Page 36 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

Document Integrity Verified =

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U

Name of Merging Entity: Tangle Data Holdings LLC GeneticIC LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Zander Logistics LLC Geneticic LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Zende Advances LLC Geneticic LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Seabone Ventures LLC GeneticIC LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Taggert Holdings LLC GeneticIC LLC, Manager

E. Corine

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Stavros Investments LLC. GeneticIC LLC, Manager

Byron E. Caringe

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Page 37 of 40

Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

C Document Integrity Verified -

Adobe Document Cloud Transaction Number: XRBJH8URX7R5E5U

Name of Merging Entity: Solita Software LLC Geneticic LLC, Manager

dia.

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Giles Data LLC Energenes LLC, Manager

un E. Corinfer

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Kendall Holdings LLC Energenes LLC, Manager

Burn E. Corindan Blan E. Barry S. Willia 2

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Hayley Logistics LLC Energenes LLC, Manager

yrin F. Corinder

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Xtrema LLC Patsync LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

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Byron E. Springer Jr. E-signed 2015-08-13 12:38PM PDT bspringer@intven.com

Document Integrity Verified -

Adobe Document Cloud Transaction Number: XR8UH8URX7R5E5U

PATENT

REEL: 037007 FRAME: 0282

Name of Merging Entity: Lujack Systems LLC Energenes LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Britta Technologies LLC Energenes LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Jagger Data Sources LLC Parallelogix LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Paolo Visual Data LLC Parallelogix LLC, Manager

Signature: Byon L Sangers, Available Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Graeme Investments LLC Parallelogic LLC, Manager

Biran E. Connert

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Nola Semiconductor LLC Parallelogix LLC, Manager

Biron E. Corinter Bolon E. Springer 1. 14 13. 20

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

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Name of Merging Entity: Joani Access LLC. Parallelogix LLC, Manager

Signature: Biton E Springer, (A&13) 2015 Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Myra Data LLC Parallelogix LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Intellectual Ventures Video Preferences 3 LLC Mandelogix LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Rafe Communications LLC PrecisionGyro LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

Name of Merging Entity: Reena Optics LLC. PrecisionGyro LLC, Manager

Signature: Byron Springer, Assistant Secretary Date: August 13, 2015

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