

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3844990

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF ASSIGNEE previously recorded on Reel 037575 Frame 0891. Assignor(s) hereby confirms the CORRECT ASSIGNEE NAME.	
CONVEYING PARTY DATA		
	Name	Execution Date
	INTELLECTUAL VENTURES FUND 56 LLC	08/27/2015
RECEIVING PARTY DATA		
Name:	INTELLECTUAL VENTURES HOLDING 81 LLC	
Street Address:	7251 W LAKE MEAD BLVD	
Internal Address:	SUITE 300	
City:	LAS VEGAS	
State/Country:	NEVADA	
Postal Code:	89128	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Patent Number:	6347281
CORRESPONDENCE DATA		
Fax Number:	(425)679-0580	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	ivrecording@intven.com	
Correspondent Name:	FOLEY & LARDNER LLP	
Address Line 1:	150 EAST GILMAN STREET	
Address Line 2:	VEREX PLAZA	
Address Line 4:	MADISON, WISCONSIN 53703	
NAME OF SUBMITTER:	CARLY WHIMS	
SIGNATURE:	/Carly Whims/	
DATE SIGNED:	04/25/2016	
Total Attachments: 21		
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3709799

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	MERGER	
EFFECTIVE DATE:	08/28/2015	
CONVEYING PARTY DATA		
	Name	Execution Date
	INTELLECTUAL VENTURES FUND 56 LLC	08/27/2015
RECEIVING PARTY DATA		
Name:	INTELLECTUAL VENTURES FUND 81 LLC INTELLECTUAL VENTURES HOLDING 81 LLC	
Street Address:	7251 W LAKE MEAD BLVD	
Internal Address:	STE 300	
City:	LAS VEGAS	
State/Country:	NEVADA	
Postal Code:	89128	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Patent Number:	6347281	
CORRESPONDENCE DATA		
Fax Number:	(425)679-0580	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	ivrecording@intven.com	
Correspondent Name:	FOLEY & LARDNER LLP	
Address Line 1:	150 EAST GILMAN STREET	
Address Line 2:	VEREX PLAZA	
Address Line 4:	MADISON, WISCONSIN 53703	
NAME OF SUBMITTER:	JOANN REYNOLDS	
SIGNATURE:	/Joann Reynolds/	
DATE SIGNED:	01/25/2016	
Total Attachments: 17		
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 26, 2016

PTAS

FOLEY & LARDNER LLP
150 EAST GILMAN STREET
VEREX PLAZA
MADISON, WI 53703

503663165

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/25/2016

REEL/FRAME: 037575/0891
NUMBER OF PAGES: 19

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

INTELLECTUAL VENTURES FUND 56 LLC

DOC DATE: 08/27/2015

ASSIGNEE:

~~INTELLECTUAL VENTURES FUND 81 LLC~~

~~INTELLECTUAL VENTURES HOLDING 81 LLC~~

7251 W LAKE MEAD BLVD
STE 300
LAS VEGAS, NEVADA 89128

APPLICATION NUMBER: 09520383

FILING DATE: 03/08/2000

PATENT NUMBER: 6347281

ISSUE DATE: 02/12/2002

TITLE: REMOTE GLOBAL POSITIONING DEVICE AND METHOD

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	08/28/2015

Name	Execution Date
INTELLECTUAL VENTURES FUND 56 LLC	08/27/2015

Name:	INTELLECTUAL VENTURES FUND 81 LLC INTERLECTUAL VENTURE HOLDING 81 LLC
Street Address:	7251 W LAKE MEAD BLVD
Internal Address:	STE 300
City:	LAS VEGAS
State/Country:	NEVADA
Postal Code:	89128

Property Type	Number
Patent Number:	6347281

Fax Number: (425)679-0580
Email: ivrecording@intven.com
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.
Correspondent Name: FOLEY & LARDNER LLP
Address Line 1: 150 EAST GILMAN STREET
Address Line 2: VEREX PLAZA
Address Line 4: MADISON, WISCONSIN 53703

NAME OF SUBMITTER:	JOANN REYNOLDS
Signature:	/Joann Reynolds/
Date:	01/25/2016

Total Attachments: 17
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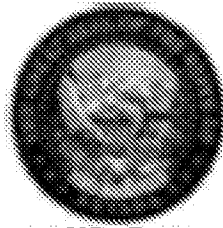
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RECEIPT INFORMATION

EPAS ID: PAT3709799
Receipt Date: 01/25/2016

STATE OF NEVADA

BARBARA K. CEGAVSKE
Secretary of State



JEFFERY LANDERFELT
*Deputy Secretary
for Commercial Recordings*

OFFICE OF THE
SECRETARY OF STATE

Copy Request

October 9, 2015

Job Number: C20151009-0680
Reference Number: 00010098191-79
Expedite:
Through Date:

Document Number(s)	Description	Number of Pages
20150391192-13	Merge In	16 Pages/1 Copies

Respectfully,

A handwritten signature in cursive script, reading "Barbara K. Cegavske", is written over a horizontal line.

BARBARA K. CEGAVSKE
Secretary of State

Commercial Recording Division
202 N. Carson Street
Carson City, Nevada 89701-4201
Telephone (775) 684-5708
Fax (775) 684-7138

PATENT
REEL: 038515 FRAME: 0974



BARBARA K. CEGAVSKE
Secretary of State
202 North Carson Street
Carson City, Nevada 89701-4201
(775) 684-5708
Website: www.nvsos.gov



140105

Filed in the office of <i>Barbara K. Cegavske</i> Barbara K. Cegavske Secretary of State State of Nevada	Document Number 20150391192-13 Filing Date and Time 08/28/2015 3:18 PM Entity Number E0679592008-0
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Articles of Merger
(PURSUANT TO NRS 82A.200)
Page 1

USE BLACK INK ONLY - DO NOT HIGHLIGHT

ABOVE SPACE IS FOR OFFICE USE ONLY

Articles of Merger
(Pursuant to NRS Chapter 92A)

1) Name and jurisdiction of organization of each constituent entity (NRS 82A.200):

☒ 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 one.

Intellectual Venture Funding LLC	
Name of merging entity	
Nevada	limited-liability company
Jurisdiction	Entity type *
Intellectual Ventures Fund 56 LLC	
Name of merging entity	
Nevada	limited-liability company
Jurisdiction	Entity type *
Intellectual Ventures Fund 57 LLC	
Name of merging entity	
Nevada	limited-liability company
Jurisdiction	Entity type *
Intellectual Ventures Fund 58 LLC	
Name of merging entity	
Nevada	limited-liability company
Jurisdiction	Entity type *
and,	
Intellectual Ventures Holding 81 LLC	
Name of surviving entity	
Nevada	limited-liability company
Jurisdiction	Entity type *

* Corporation, non-profit corporation, limited partnership, limited-liability company or business trust.

Filing Fee: \$350.00

This form must be accompanied by appropriate fees.

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



BARBARA K. CEGAVSKE
Secretary of State
202 North Carson Street
Carson City, Nevada 89701-4201
(775) 684-5708
Website: www.nvsos.gov

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.180):

Attn: _____

c/o: _____

- 3) Choose one:

- ☒ The undersigned declares that a plan of merger has been adopted by each constituent entity (NRS 92A.200).
- ☐ The undersigned declares that a plan of merger has been adopted by the parent domestic entity (NRS 92A.180).

- 4) Owner's approval (NRS 92A.200) (options a, b or c must be used, as applicable, for each entity):

- ☒ 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 the appropriate section of article four.

- (a) Owner's approval was not required from

Name of merging entity, if applicable

Name of merging entity, if applicable

Name of merging entity, if applicable

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 2
Revised: 1-5-15



BARBARA K. CEGAVSKE
Secretary of State
202 North Carson Street
Carson City, Nevada 89701-4201
(775) 684-5708
Website: www.nvsos.gov

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 *:

Intellectual Venture Funding LLC

Name of merging entity, if applicable

Intellectual Ventures Fund 56 LLC

Name of merging entity, if applicable

Intellectual Ventures Fund 57 LLC

Name of merging entity, if applicable

Intellectual Ventures Fund 58 LLC

Name of merging entity, if applicable

and, or:

Intellectual Ventures Holding 81 LLC

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 62A Merger Page 3
Revised: 1-6-15



BARBARA K. CEGAVSKE
Secretary of State
202 North Carson Street
Carson City, Nevada 89701-4201
(775) 884-6708
Website: www.nvsos.gov

Articles of Merger
(PURSUANT TO NRS 92A.200)
Page 4

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(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.

Name of merging entity, if applicable

Name of merging entity, if applicable

Name of merging entity, if applicable

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: 1-3-16



BARBARA K. CEGAVSKE
Secretary of State
202 North Carson Street
Carson City, Nevada 89701-4201
(775) 684-5703
Website: www.nvsos.gov

Articles of Merger
(PURSUANT TO NRS 92A.200)
Page 5

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5) Amendments, if any, to the articles or certificate of the surviving entity. Provide article numbers, if available. (NRS 92A.200)*:

6) Location of Plan of Merger (check a or b):

☐

(a) The entire plan of merger is attached;

or,

☒

(b) The entire plan of merger is on file at the registered office of the surviving corporation, limited-liability company or business trust, or at the records office address if a limited partnership, or other place of business of the surviving entity (NRS 92A.200).

7) Effective date and time of filing: (optional) (must not be later than 90 days after the certificate is filed)

Date:

Time:

* 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 owning 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: 1-5-16



BARBARA K. CEGAVSKE
Secretary of State
202 North Carson Street
Carson City, Nevada 89701-4201
(775) 684-5708
Website: www.nvsos.gov

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.

Intellectual Venture Funding LLC

Name of merging entity

X *[Signature]*
Signature

Byron Springer, as
Assistant Secretary
of NV Manager LLC,
Manager

Manager

Title

8/27/2015

Date

Intellectual Ventures Fund 56 LLC

Name of merging entity

X *[Signature]*
Signature

Byron Springer, as
Assistant Secretary
of NV Manager LLC,
Manager

Manager

Title

8/27/2015

Date

Intellectual Ventures Fund 57 LLC

Name of merging entity

X *[Signature]*
Signature

Byron Springer, as
Assistant Secretary
of NV Manager LLC,
Manager

Manager

Title

8/27/2015

Date

Intellectual Ventures Fund 58 LLC

Name of merging entity

X *[Signature]*
Signature

Byron Springer, as
Assistant Secretary
of NV Manager LLC,
Manager

Manager

Title

8/27/2015

Date

and,

Intellectual Ventures Holding 81 LLC

Name of surviving entity

X *[Signature]*
Signature

Byron Springer, as
Assistant Secretary
of NV Manager LLC,
Manager

Manager

Title

8/27/2015

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: 1-6-15

PATENT

REEL: 038515 FRAME: 0980

Article One - Additional Merging Entities Pursuant to the Preceding Articles of Merger

Intellectual Ventures Fund 59 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 60 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 61 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 62 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 63 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 64 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 65 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 66 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 67 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 69 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 70 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Article One - Additional Merging Entities Pursuant to the Preceding Articles of Merger
continued

Intellectual Ventures Fund 71 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 72 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 73 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 74 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 75 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 76 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 77 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Fund 80 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Holding 56 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Holding 67 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Holding 68 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Article One - Additional Merging Entities Pursuant to the Preceding Articles of Merger
continued

Intellectual Ventures Holding 69 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Holding 73 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Holding 74 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Holding 75 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Holding 76 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Holding 78 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Holding 79 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company

Intellectual Ventures Holding 80 LLC

Jurisdiction: Nevada
Entity Type: limited-liability company


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 59 LLC
Intellectual Ventures Fund 60 LLC
Intellectual Ventures Fund 61 LLC
Intellectual Ventures Fund 62 LLC
Intellectual Ventures Fund 63 LLC
Intellectual Ventures Fund 64 LLC
Intellectual Ventures Fund 65 LLC
Intellectual Ventures Fund 66 LLC
Intellectual Ventures Fund 67 LLC
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Intellectual Ventures Holding 69 LLC
Intellectual Ventures Holding 73 LLC
Intellectual Ventures Holding 74 LLC
Intellectual Ventures Holding 75 LLC
Intellectual Ventures Holding 76 LLC
Intellectual Ventures Holding 78 LLC
Intellectual Ventures Holding 79 LLC
Intellectual Ventures Holding 80 LLC

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

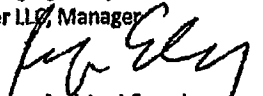
Name of Merging Entity: Intellectual Ventures Fund 59 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015


Name of Merging Entity: Intellectual Ventures Fund 60 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

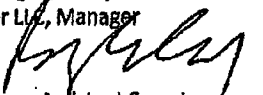
Name of Merging Entity: Intellectual Ventures Fund 61 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Fund 62 LLC
NV Manager LLC, Manager

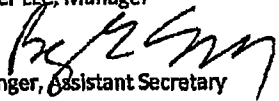
Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Fund 63 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

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

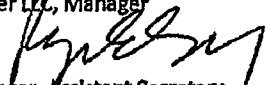
Name of Merging Entity: Intellectual Ventures Fund 64 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

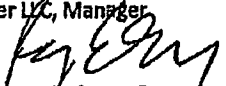
Name of Merging Entity: Intellectual Ventures Fund 65 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary Date: August 27, 2015


Name of Merging Entity: Intellectual Ventures Fund 66 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Fund 67 LLC
NV Manager LLC, Manager

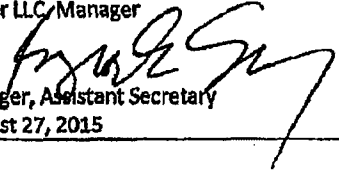
Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Fund 69 LLC
NV Manager LLC, Manager

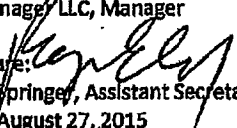
Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

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

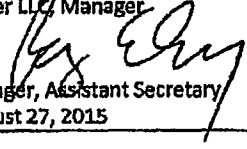
Name of Merging Entity: Intellectual Ventures Fund 70 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

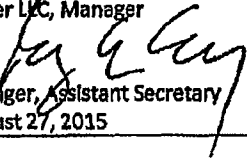
Name of Merging Entity: Intellectual Ventures Fund 71 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

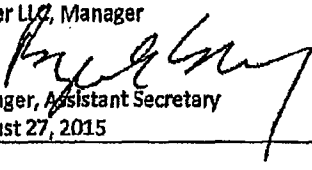
Name of Merging Entity: Intellectual Ventures Fund 72 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Fund 73 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Fund 74 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

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

Name of Merging Entity: Intellectual Ventures Fund 75 LLC

NV Manager LLC, Manager

Signature: 

Byron Springer, Assistant Secretary

Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Fund 76 LLC

NV Manager LLC, Manager

Signature: 

Byron Springer, Assistant Secretary

Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Fund 77 LLC

NV Manager LLC, Manager

Signature: 

Byron Springer, Assistant Secretary

Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Fund 80 LLC

NV Manager LLC, Manager

Signature: 

Byron Springer, Assistant Secretary

Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Holding 56 LLC

NV Manager LLC, Manager

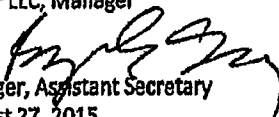
Signature: 

Byron Springer, Assistant Secretary

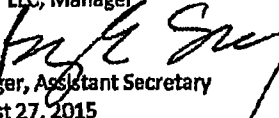
Date: August 27, 2015

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

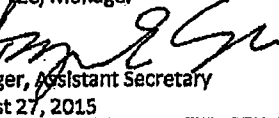
Name of Merging Entity: Intellectual Ventures Holding 67 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

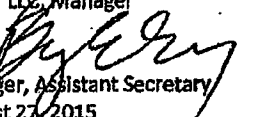
Name of Merging Entity: Intellectual Ventures Holding 68 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

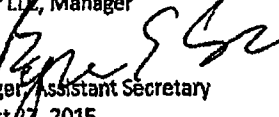
Name of Merging Entity: Intellectual Ventures Holding 69 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Holding 73 LLC
NV Manager LLC, Manager

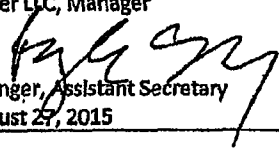
Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Holding 74 LLC
NV Manager LLC, Manager

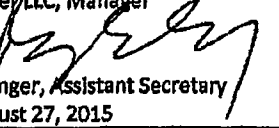
Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

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

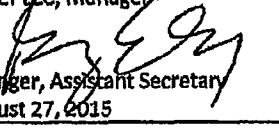
Name of Merging Entity: Intellectual Ventures Holding 75 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

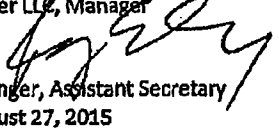
Name of Merging Entity: Intellectual Ventures Holding 76 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

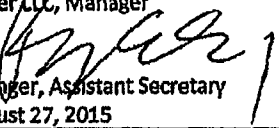
Name of Merging Entity: Intellectual Ventures Holding 78 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Holding 79 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015

Name of Merging Entity: Intellectual Ventures Holding 80 LLC
NV Manager LLC, Manager

Signature: 
Byron Springer, Assistant Secretary
Date: August 27, 2015