#### 505801231 12/03/2019

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5848060

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHLOMO SELIM RAKIB	11/01/2013

#### **RECEIVING PARTY DATA**

Name:	GAINSPEED, INC.	
Street Address:	295 SANTA ANA COURT	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94085	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Patent Number:	9692612

#### **CORRESPONDENCE DATA**

#### Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: mary.poremba@nokia.com

Correspondent Name: MARY T. POREMBA

Address Line 1: 600-700 MOUNTAIN AVENUE

Address Line 2: ROOM 6E-210

Address Line 4: MURRAY HILL, NEW JERSEY 07974-0636

ATTORNEY DOCKET NUMBER:	870070-US-CNT[2] - (MTP)
NAME OF SUBMITTER:	NIRAJ A. DESAI
SIGNATURE:	/Niraj A. Desai/
DATE SIGNED:	12/03/2019

#### **Total Attachments: 12**

source=870070-US-CNT[2]\_Assignment\_Inventor-to-GainspeedInc\_01Nov2013#page3.tif source=870070-US-CNT[2]\_Assignment\_Inventor-to-GainspeedInc\_01Nov2013#page4.tif source=870070-US-CNT[2]\_Assignment\_Inventor-to-GainspeedInc\_01Nov2013#page5.tif source=870070-US-CNT[2]\_Assignment\_Inventor-to-GainspeedInc\_01Nov2013#page6.tif source=870070-US-CNT[2]\_Assignment\_Inventor-to-GainspeedInc\_01Nov2013#page7.tif source=870070-US-CNT[2]\_Assignment\_Inventor-to-GainspeedInc\_01Nov2013#page8.tif

PATENT 505801231 REEL: 051166 FRAME: 0494

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source=870070-US-CNT[2]\_Assignment\_Inventor-to-GainspeedInc\_01Nov2013#page12.tif
source=870070-US-CNT[2]\_Assignment\_Inventor-to-GainspeedInc\_01Nov2013#page13.tif
source=870070-US-CNT[2]\_Assignment\_Inventor-to-GainspeedInc\_01Nov2013#page14.tif

#### PATENT ASSIGNMENT

This patent assignment is made and entered into by and between the following parties:

Shlomo Selim Rakib, also known as Selim Shlomo Rakib, an individual citizen of the United States with the residence address of 21329 Diamond Oaks Court Saratoga, CA (the "ASSIGNOR")

and

Gainspeed, Inc., a United States state of Delaware corporation, having a place of business at 295 Santa Ana Court, Sunnyvale CA 94085 (the "ASSIGNEE")

Whereas ASSIGNOR has previously assigned and agreed to assign certain patent rights to ASSIGNEE's predecessor in interest; and

Whereas ASSIGNOR now desires to assign, and ASSIGNEE desires to accept, any and all of ASSIGNOR's remaining right, title and interest in and to the PATENT RIGHTS set forth below.

Now therefor for \$1.00 in hand and other good and valuable consideration (the receipt and sufficiency of which ASSIGNOR expressly acknowledges), ASSIGNOR hereby assigns to ASSIGNEE, for itself and its successors, transferees, and assigns, the entirety of ASSIGNOR's worldwide right, title and interest in and to:

1. the following patent applications ("PATENT APPLICATIONS"):

Docket	Title	Application	Filed	Туре
Number		Number		
***************************************	HYBRID ALL DIGITAL FIBER TO			United States Patent
	CATV CABLE SYSTEM AND			application
RAKI8-01500	METHOD	13/674,936	November 12, 2012	
	HFC CABLE SYSTEM WITH			PCT patent application with
	WIDEBAND COMMUNICATIONS			priority based on US patent
	PATHWAY AND COAX DOMAIN			application 13/346,709 filed
RAKIB-01010	NODES	PCT/US13/20716	January 9, 2013	January 9, 2012
	METHOD OF TRANSFORMING			United States Patent
	HFC CATV ANALOG FIBER			Application
	TRANSMISSION TO DIGITAL			
RAKIB-01600	FIBER TRANSMISSION	13/756,302	January 31, 2013	
	METHODS OF ADAPTIVE			PCT patent application with
	CANCELLING AND SECONDARY			priority based on US patent
	COMMUNICATIONS CHANNELS			application 13/400,415 filed
	FOR EXTENDED CAPABILITY HFC			February 20, 2012
RAKIB-01110	CABLE SYSTEMS	PCT/US13/26549	February 16, 2013	
	EFFICIENT BANDWIDTH			PCT patent application with
	UTILIZATION METHODS FOR			priority based on US patent
	CATV DOCSIS CHANNELS AND			applications 13/400,415 filed
RAKIB-01320	OTHER APPLICATIONS	PCT/US13/26558	February 17, 2013	February 20, 2012;

1

		Ţ		61/622,132 filed April 10,
				2012; and 13/478,461 filed
				May 23 2013 PCT patent application with
				priority based on US patent
				applications 13/400,415 filed
				February 20, 2012;
	DISTRIBUTED CABLE MODEM			61/622,132 filed April 10,
	TERMINATION SYSTEM WITH			2012; 13/478,461 filed May
	SOFTWARE RECONFIGUABLE			23 2012, and 13/555,170 filed
RAKIB-01410	MAC AND PHY CAPABILITY	PCT/US13/26608	February 18, 2013	July 22, 2012
				PCT patent application with
				priority based on US patent
				applications 13/400,415 filed
				February 20, 2012;
				61/622,132 filed April 10,
				2012; 13/478,461 filed May
	HYBRID ALL DIGITAL FIBER TO			23, 2012; 13/955,170 filed
	CATV CABLE SYSTEM AND			July 22, 2012; and 13/674,936
RAKIB-01510	METHOD	PCT/US13/26750	February 19, 2013	filed November 12, 2012.
				PCT patent application based
				on US patent applications
				13/400,415 filed February 20,
				2012; 61/622,132 filed April
				10, 2012; 13/478,461 filed
		2		May 23, 2012; 13/555,170
	METHOD OF TRANSFORMING			filed July 22, 2012;
	HFC CATV ANALOG FIBER			13/674,936 filed November
	TRANSMISSION TO DIGITAL			12, 2012; and 13/756,302
RAKI8-01610	FIBER TRANSMISSION	PCT/US13/26885	February 20, 2013	filed January 31, 2013
	HFC CABLE SYSTEM WITH			United States Patent
	ALTERNATIVE WIDEBAND			Application
	COMMUNICATIONS PATHWAYS			
*****	AND COAX DOMAIN AMPLIFIER-			
RAKIB-01700	REPEATERS	13/964,394	February 12, 2013	
W	VIRTUAL HFC CONVERGED			United States Provisional
RAKIB-01800	CABLE ACCESS PLATFORM	61/870,226	August 26, 2013	Patent Application
				European Patent Application
				with priority based on PCT
			***************************************	with priority based on PCT patent application
			Avenue 28 2815	with priority based on PCT patent application PCT/US12/26686 filed
	MACTEURN OF PARTY CARLE CALAR		August 28,2013	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US
DAY3D	METHOD OF CATV CABLE SAME-			with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application
RAKIB-	FREQUENCY TIME DIVISION	17746314 7	(Priority date	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27,
RAKIB- 00910EU	\$	12749311.2		with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.
	FREQUENCY TIME DIVISION	12749311.2	(Priority date	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011. Chinese Patent Application
	FREQUENCY TIME DIVISION	12749311.2	(Priority date	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  Chinese Patent Application with priority based on PCT
	FREQUENCY TIME DIVISION	12749311.2	(Priority date February 27, 2011)	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011. Chinese Patent Application with priority based on PCT patent application
	FREQUENCY TIME DIVISION	12749311.2	(Priority date	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011. Chinese Patent Application with priority based on PCT patent application PCT/US12/26686 filed
00910EU	FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION	12749311,2	(Priority date February 27, 2011) October 14, 2013	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  Chinese Patent Application with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US
00910EU RAKIB-	FREQUENCY TIME DIVISION OUPLEX DATA TRANSMISSION  METHOD OF CATV CABLE SAME-		(Priority date February 27, 2011)  October 14, 2013  (Official CN filing	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  Chinese Patent Application with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application
00910EU	FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION  METHOD OF CATV CABLE SAME- FREQUENCY TIME DIVISION	Awsiting CN	(Priority date February 27, 2011) October 14, 2013 (Official CN filling date February 27,	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  Chinese Patent Application with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27,
00910EU RAKIB- 00910CN	FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION  METHOD OF CATV CABLE SAME- FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION	Awaiting CN number	(Priority date February 27, 2011)  October 14, 2013  (Official CN filing date February 27, 2012)	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  Chinese Patent Application with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.
00910EU RAKIB- 00910CN RAKIB-	FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION  METHOD OF CATV CABLE SAME- FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION DISTRIBUTED CABLE MODEM	Awsiting CN	(Priority date February 27, 2011) October 14, 2013 (Official CN filling date February 27,	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  Chinese Patent Application with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  European patent application
00910EU RAKIB- 00910CN	FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION  METHOD OF CATV CABLE SAME- FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION	Awaiting CN number	(Priority date February 27, 2011)  October 14, 2013  (Official CN filing date February 27, 2012)  August 17, 2012	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  Chinese Patent Application with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  European patent application with priority based on PCT
00910EU RAKIB- 00910CN RAKIB-	FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION  METHOD OF CATV CABLE SAME- FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION DISTRIBUTED CABLE MODEM	Awaiting CN number	(Priority date February 27, 2011)  October 14, 2013  (Official CN filing date February 27, 2012)	with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  Chinese Patent Application with priority based on PCT patent application PCT/US12/26686 filed February 27, 2012; and US patent application 13/035,993 filed February 27, 2011.  European patent application

RAKI6-	DISTRIBUTED CABLE MODEM	201180015258.3	September 21, 2012	European patent application
00210CN	TERMINATION SYSTEM			with priority based on PCT
			(Official CN filing	patent application
			date March 19,	PCT/US11/29113 filed March
			2011)	19, 2011

#### Including,

- 2. (a) any corresponding right of priority; (b) any provisional, divisional, continuation, substitute, renewal and reissue which have been or may be filed in the United States or elsewhere in the world and which are directed to subject matter originally disclosed and claimed within the PATENT APPLICATIONS, including the right to file any of the foregoing; (c) any patents which may be granted pursuant to any of the PATENT APPLICATIONS, or the applications set forth in (a) and (b) above (the "PATENT RIGHTS"); and (d) the right to sue in its own name on, and to recover for past infringement of, any or all of any applications or patents issuing therefrom, together with all rights to recover damages for infringement of provisional rights.
- 3. ASSIGNOR agrees (at ASSIGNEE's cost) to do the following, when reasonably requested, and without further consideration, in order to carry out the intent of this Agreement: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or reasonably desirable to fully secure to ASSIGNEE the rights, title and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relevant to the prosecution of or title to the PATENT RIGHTS; and (3) generally do all lawful acts that ASSIGNEE shall consider reasonably desirable for securing, maintaining, and enforcing worldwide patent protection relating to the above-identified patent applications and Letters patents and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, transferee, assignee, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.
- 4. To the extent that this Agreement is not preempted by the laws of another country where these PATENT APPLICATIONS are or will be filed, this Agreement is governed by the laws of the United States, and more specifically by the laws of the United States State of California.
- 5. In the event that any of the provisions of this Agreement are found to be invalid or unenforceable, these invalid or unenforceable provisions shall not affect the remainder of this agreement, which shall remain otherwise in full force and effect. Further, each provision of this agreement will otherwise be valid and enforceable to the extent permitted by law, and any invalid provision shall be replaced with an alternative valid provision that best expresses the intention of the invalid provision.

The effective date of this assignment is November  $\int_{-\infty}^{\infty}$ , 2013.

## ASSIGNOR Shlomo Selim Rakib (Selim Shlomo Rakib), Inventor and presently Chief Technical Officer, Gainspeed, Inc. Duly Authorized Representative of ASSIGNEE Date of Signature 11 1 2013 Drew Daniel Perkins, Chief Executive Officer, Gainspeed, Inc. Witnessed or Notarized by: State of California } County of Santa Clara On November 1, 2013 before me, Monica Alvarez, Notary Public, personally speared Shlorno Selim Rakib who proved to me on the basis of satisfactory evidence to be the person(x) whose name(x) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their-signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Monica Aware Notary Public Signature

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Notary Public Seal

#### PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, **Shlomo Rakib**, an individual ("ASSIGNOR"), has sold, assigned, and transferred and does hereby sell, assign, and transfer to G. Ventures, Inc., a Delaware corporation having a place of business at 404 Saratoga Avenue, Santa Clara, CA 95050 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following applications and Letters Patents ("PATENT RIGHTS"):

Docket <u>Number</u>	<u>Title</u>	Application <u>Number</u>	<u>Filed</u>	<u>Type</u>	<u>Status</u>
RAK1B- 00200	Distributed Cable MODEM TERMINATION SYSTEM	12692582	22-Jan- 10	US palent	Pending
RAKIB- 00210	DISTRIBUTED CABLE MODEM TERMINATION SYSTEM	PCT/US11/29113	19-Mar- 11	PCT patent	Pending
RAKIB- 00700	IMPROVED HYBRID FIBER CABLE SYSTEM AND METHOD	61385125	21-Sep- 10	US provisional	Expired
RAKIB- 00710	IMPROVED HYBRID FIBER CABLE SYSTEM AND METHOD	61511395	25-Jul-11	US provisional	Pending
RAKIB- 00800	HFC CABLE SYSTEM WITH SHADOW FIBER AND COAX FIBER TERMINALS	12907970	19-Oct- 10	US patent	Pending
RAKIB- 00810	HFC CABLE SYSTEM WITH SHADOW FIBER AND COAX FIBER TERMINALS	PCT in progress	18-Nov- 11	PCT patent	In progress
RAK1B- 00900	METHOD OF CATV CABLE SAME- FREQUENCY TIME DIVISION DUPLEX DATA TRANSMISSION	13035993	27-Feb-	US palent	Pending
RAKIB-	METHOD OF CATV	PCT/US12/26686	27-Feb-	PCT patent	Pending

29398/00011/DOCS/2744964.1

REEL: 051560 FRAME: 0600

00910	CABLE SAME-		12		
	FREQUENCY TIME				
	DIVISION DUPLEX		· ·		
	DATA TRANSMISSION				
	HFC CABLE SYSTEM				
D 1 1/1D	WITH WIDEBAND				
RAKIB-	COMMUNICATIONS	13/346,709	9-Jan-12	US patent	Pending
01000	PATHWAY AND COAX		· ·	-	-
	DOMAIN NODES				
	METHODS OF				
	ADAPTIVE		7		
	CANCELLING AND				
RAKIB-	SECONDARY		20-Feb-		
01100	COMMUNICATIONS	13/400,415	12	US patent	Pending
01100	CHANNELS FOR		12		
	EXTENDED				
	CAPABILITY HFC				
	CABLE SYSTEMS				
	EFFICIENT				
	BANDWIDTH				
RAKIB-	UTILIZATION	C11500 100	10-Apr-	US	vs. 43
01300	METHODS FOR CATV	61/622,132	12	provisional	Pending
	DOCSIS CHANNELS			1	
	AND OTHER				
	APPLICATIONS				
	EFFICIENT BANDWIDTH				
	UTILIZATION				
RAKIB-	METHODS FOR CATV	13/478,461	23-May-	US patent	Pending
01310	DOCSIS CHANNELS	13/4/0,401	12	US patent	renung
	AND OTHER		1		
	APPLICATIONS				
	DISTRIBUTED CABLE			***************************************	***************************************
	MODEM TERMINATION				
RAKIB-	SYSTEM WITH				
01400	SOFTWARE	13/555,170	22-Jul-12	US patent	Pending
	RECONFIGUABLE MAC				
	AND PHY CAPABILITY				

and;

2. The entire worldwide right, title, and interest in and to:

(a) the PATENT RIGHTS, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

REEL: 051560 FRAME: 0608

ASSIGNOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titled and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, transferee, assignee, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make bereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

ASSIGNOR / /	Date of Signature
Shiomo Rakib	9/13/2012
Duly Authorized Representative of ASSIGNEE	Date of Signature
	9/13/2012
Name: Shlomo Rakib Title: President	

G. VENTURES, INC.

Delaware

PAGE 1

## The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF

DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT

COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"G. VENTURES, INC.", A DELAWARE CORPORATION,

WITH AND INTO "COHERE NETWORKS, INC." UNDER THE NAME OF
"COHERE NETWORKS, INC.", A CORPORATION ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED
IN THIS OFFICE THE THIRTEENTH DAY OF SEPTEMBER, A.D. 2012, AT
3:10 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTEENTH DAY OF SEPTEMBER, A.D. 2012, AT 8 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE AND KENT COUNTY RECORDER OF DEEDS.

5121873 8100M

121028331

DATE: 09-13-12

AUTHENT'TCATION: 9843785

PATENT REEL: 051560 FRAME: 0600

Jeffrey W. Bullock, Secretary of State

. . . . . . . . . .

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware Secretary of State Division of Corporations Delivered 03:10 PM 09/13/2012 FTLED 03:10 PM 09/13/2012 SDV 12102831 - 5121873 FTLE

# CERTIFICATE OF MERGER OF FILED 03:10 PM 09/13/2012 G. VENTURES, INC., a Delaware corporation SRV 121028331 - 5121873 FILE WITH AND INTO

#### COHERE NETWORKS, INC., a Delaware corporation

Pursuant to Section 251 of the General Corporation Law of the State of Delaware

Cohere Networks, Inc., a Delaware corporation ("Cohere"), does hereby certify to the following facts relating to the merger (the "Merger") of G. Ventures, Inc., a Delaware corporation ("G. Ventures"), with and into Cohere, with Cohere remaining as the surviving corporation of the Merger (the "Surviving Corporation"):

FIRST:

Cohere is incorporated pursuant to the General Corporation Law of the State of Delaware ("DGCL"). G. Ventures is incorporated pursuant to the DGCL. Cohere and G. Ventures are the constituent corporations in the Merger.

SECOND:

An Agreement and Plan of Reorganization has been approved, adopted, certified, executed and acknowledged by Cohere and G. Ventures in accordance with the provisions of Section 251 of the DGCL.

THIRD:

The name of the Surviving Corporation shall be Cohere Networks, Inc.

FOURTH:

The certificate of incorporation of the Surviving Corporation shall be its certificate of incorporation.

FIFTH:

The executed Agreement and Plan of Merger is on file at the principal place of business of Cohere, the Surviving Corporation, 404 Saratoga Street, Suite 200, Santa Clara, CA 95050, United States of America.

SIXTH:

A copy of the executed Agreement and Plan of Merger will be furnished by Cohere, the Surviving Corporation, on request and without cost, to any stockholder of any constituent corporation of the Merger.

SEVENTH:

This Certificate of Merger shall become effective at 8:00 PM EDT (5:00 PM PDT) on September 13, 2012.

IN WITNESS WHEREOF	Cohere has caused this Certificate of Merger to be executed by its
duly authorized officers as of Septen	ber 13, 2012.

By: /s/ Drew Perkins
Drew Perkins, Chief Executive Officer
Don't foldered Baldh
By: /s/ Shlomo Rakib
Shlomo Rakib, Secretary

COHERE NETWORKS, INC.



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### 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 AMENDMENT OF "COHERE NETWORKS, INC.",

CHANGING ITS NAME FROM "COHERE NETWORKS, INC." TO "GAINSPEED,

INC.", FILED IN THIS OFFICE ON THE TWELFTH DAY OF APRIL, A.D.

2013, AT 2:22 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE KENT COUNTY RECORDER OF DEEDS.

DATE: 04-15-13

AUTHENT (CATION: 0357685

PATENT REEL: 051**56**0 FRAME: 06**0**8

5121873 8100

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You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware Secretary of State Division of Corporations Delivered 03:58 PM 04/12/2013 FILED 02:22 PM 04/12/2013 SRV 130431790 - 5121873 FILE

# CERTIFICATE OF AMENDMENT OF RESTATED CERTIFICATE OF INCORPORATION OF COHERE NETWORKS, INC.

Cohere Networks, Inc., a Delaware corporation (the "Corporation"), does hereby certify that the following amendment to the Corporation's Restated Certificate of Incorporation (the "Certificate of Incorporation") has been duly adopted by the Board of Directors and stockholders of the Corporation in accordance with the provisions of Section 242 of the Delaware General Corporation Law, with the approval of such amendment by the Corporation's stockholders having been given by written consent without a meeting in accordance with Sections 228(d) and 242 of the Delaware General Corporation Law:

Article I. Article I of the Certificate of Incorporation is hereby amended to read in its entirety as follows:

"The name of the corporation is Gainspeed, Inc. (the "Corporation")."

RECORDED: 12/03/2019

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Amendment to be signed by its duly authorized officer this 12 day of April , 2013 and the foregoing facts stated herein are true and correct.

COHERE NETWORKS, INC.

Drew Perkins

Chief Executive Officer