

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4933771

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AJIT BHAVE	07/25/2014
ARUN RAMACHANDRAN	07/25/2014
SAI KRISHNAM RAJU NADIMPALLI	07/11/2014
SANDEEP BELE	07/11/2014

RECEIVING PARTY DATA

Name:	CUMULUS SYSTEMS INC,
Street Address:	1901 S. BASCOM AVE.
Internal Address:	SUITE 1350
City:	CAMPBELL
State/Country:	CALIFORNIA
Postal Code:	95008

PROPERTY NUMBERS Total: 12

Property Type	Number
Application Number:	13200996
Application Number:	15376629
Application Number:	15425094
Application Number:	15829697
Application Number:	15876756
Patent Number:	9081829
Patent Number:	9081834
Patent Number:	9479385
Patent Number:	9361337
Patent Number:	9614715
Patent Number:	9477784
Patent Number:	9396287

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.

PATENT

Phone: 4088363642
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Correspondent Name: RONALD CRAIG FISH
Address Line 1: PO BOX 820
Address Line 4: LOS GATOS, CALIFORNIA 95031

ATTORNEY DOCKET NUMBER: CUMULUS ALL CASES TO DATE

NAME OF SUBMITTER: RONALD C. FISH

SIGNATURE: /RONALD C. FISH/

DATE SIGNED: 04/26/2018

Total Attachments: 5

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ASSIGNMENT

WHEREAS, We:

AJIT BHAVE, a citizen of the USA, residing at 760 Mayview Avenue, Palo Alto, California, 94303, USA, and

ARUN RAMACHANDRAN, a citizen of the USA, residing at 3503 Emma Court, Palo Alto, California, 94306, USA, and

SAI KRISHNAM RAJU NADIMPALLI, a citizen of INDIA, residing at 175. Ferns Habitat, Doddanekundi, Bangalore, INDIA, and

SANDEEP BELE, a citizen of INDIA residing at C1, Telecom Staff Quarters, Chinchwad Station, Pune – 411019, INDIA,

(hereafter referred to as the Inventors), have invented:

a SYSTEM FOR ORGANIZING AND FAST SEARCHING OF MASSIVE AMOUNTS OF DATA for which we have executed application papers for a U.S. patent thereon on filed on 10/05/2011. Declaration executed on 10/5/2011: Application Number 13/200.996. Attorney docket CUM-001; and
a SYSTEM FOR ORGANIZING AND FAST SEARCHING OF MASSIVE AMOUNTS OF DATA for which we have executed application papers for a U.S. patent thereon on filed on 03/29/2013. Application Number 13/853.925. Attorney docket CUM-001.2P; and
a SYSTEM FOR ORGANIZING AND FAST SEARCHING OF MASSIVE AMOUNTS OF DATA for which we have executed application papers for a U.S. patent thereon on filed on 03/29/2013. Application Number 13/853.862. Attorney docket CUM-001.1P; and
a SYSTEM FOR ORGANIZING AND FAST SEARCHING OF MASSIVE AMOUNTS OF DATA for which we have executed application papers for a U.S. patent thereon on filed on 03/29/2013. Application Number 13/853.381. Attorney docket CUM-001 D4; and
a SYSTEM FOR ORGANIZING AND FAST SEARCHING OF MASSIVE AMOUNTS OF DATA for which we have executed application papers for a U.S. patent thereon on filed on 03/29/2013. Application Number 13/853.288. Attorney docket CUM-001 D3; and
a SYSTEM FOR ORGANIZING AND FAST SEARCHING OF MASSIVE AMOUNTS OF DATA for which we have executed application papers for a U.S. patent thereon on filed on 10/05/2011. Application Number 13/200.995. Attorney docket CUM-001.1D; and
a SYSTEM FOR ORGANIZING AND FAST SEARCHING OF MASSIVE AMOUNTS OF DATA for which we have executed application papers for a U.S. patent thereon on filed on 10/05/2011. Application Number 13/201.000. Attorney docket CUM-001.2D; and
an invention described and claimed in a PCT application entitled ORGANIZING AND FAST SEARCHING OF DATA for which we have executed said PCT patent application papers for a patent thereon filed on 03/29/2013. International Application Number PCT/US13/34540 in the name of applicant Cumulus Systems Incorporated, and

WHEREAS, Cumulus Systems Incorporated, a Delaware Corporation, having a place of business at 2672 Bayshore Parkway, Suite 1001, Mountain View, California 94043 (hereafter referred to as Cumulus), is desirous of acquiring the exclusive right, title and interest in and to said invention(s) described in the above identified patent applications, the patent applications themselves and in and to the Letters Patent(s) to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto based upon the above identified patent applications;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, the Inventors, do hereby sell, assign, transfer and set over unto the said Cumulus its successors and assigns, the full and exclusive right, title and interest worldwide in and to said inventions in the provisional and/or utility or design and PCT patent application(s) identified above, and in and to any and all Letters Patent to be granted and issued therefore on the above identified patent applications) in the United States and any and all foreign patent applications and patents subsequently filed based upon the above identified provisional and/or utility or design and PCT patent applications as well as any and all divisional applications, reissues, re-examination certificates, and continuation applications and continuation-in-part applications of the above identified patent applications as well as any and all rights in any and all Requests for Continuing Examination Applications or Continuing Prosecution Applications of any of the above identified patent applications and any and all divisional applications, continuation applications and continuation-in-part applications, in the United States of America, its territories and possessions as well as in all other countries including all priority rights under the International Convention; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Cumulus, its successors and assigns, in accordance with this Assignment.

I/We declare that we understand the content of the patent applications identified above which are the subject of this assignment.

I/We declare under penalty of perjury under the laws of the United States of America and India that the foregoing is true and correct.

WITNESS OUR HAND, this 25 day of 8 July, 2014.

Signature Inventor 1, AJIT BHAVE

Ajit Bhave

Signature Inventor 2, ARUN RAMACHANDRAN

R. Arun

Signature Inventor 3, SAI KRIHNAM RAJU NADIMPALLI

Sai Krishnam Raju Nadimpalli

Signature Inventor 4, SANDEEP BELE

Sandeep Bele

Docket No.: all Cumulus cases

REPUBLIC OF INDIA
STATE OF MAHARASHTRA
CITY OF MUMBAI) SS
CONSULATE GENERAL OF THE
UNITED STATES OF AMERICA

)) ss.

On this 11th day of JULY, 2014, before me, a Notary Public,

John P. Hesford Jr.

Vice Consul
United States of America

, duly commissioned and sworn, personally appeared

Sai Krishnam Raju Nadimpalli, who is(are) known to me to be the

person(s) whose name is(are) subscribed to in the within instrument and acknowledged to me that

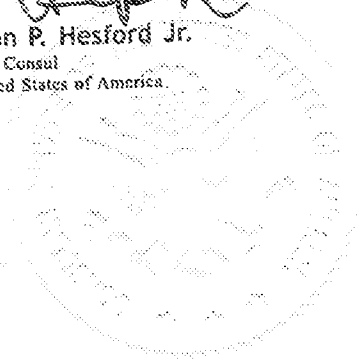
(s)he(they) executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal

in MUMBAI the day and year first above written.

NOTARY PUBLIC


John P. Hesford Jr.
Vice Consul
United States of America



REPUBLIC OF INDIA
STATE OF MAHARASHTRA
CITY OF MUMBAI } SS
CONSULATE GENERAL OF THE
UNITED STATES OF AMERICA

Docket No.: all Cumulus cases

) ss.

On this 11th day of JULY, 2014, before me, a Notary Public,

John P. Hesford Jr.

Vice Consul
United States of America

, duly commissioned and sworn, personally appeared

Sandeep Bhalchandra Bele, who is(are) known to me to be the

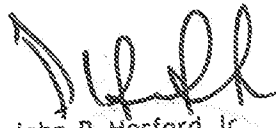
person(s) whose name is(are) subscribed to in the within instrument and acknowledged to me that

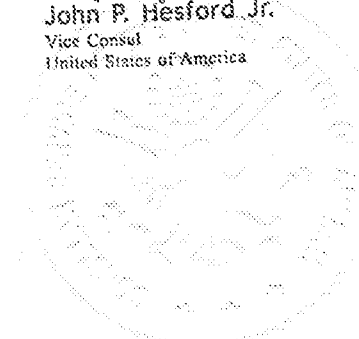
(s)he(they) executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal

in Mumbai the day and year first above written.

NOTARY PUBLIC


John P. Hesford Jr.
Vice Consul
United States of America



CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Santa Clara

On July 25th, 2014 before me, SUDHA J. PATEL (Notary Public)
(Here insert name and title of the officer)

personally appeared Ajit Bhave & Arun RamaChandran

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~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.

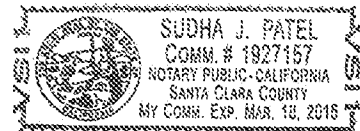
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature of Notary Public

(Notary Seal)



ADDITIONAL OPTIONAL INFORMATION

INSTRUCTIONS FOR COMPLETING THIS FORM

Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he/she/they~~ - is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ◊ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ◊ Indicate title or type of attached document, number of pages and date.
 - ◊ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary)
- Securely attach this document to the signed document

DESCRIPTION OF THE ATTACHED DOCUMENT

Assignment

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages 2 Document Date 7/25/14

(Additional information)

CAPACITY CLAIMED BY THE SIGNER

- Individual (s)
 Corporate Officer

(Title)

- Partner(s)
 Attorney-in-Fact
 Trustee(s)
 Other _____

PATENT