PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4735776

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| SEQUENCE: | 2 | |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| CISCO MINDMELD LLC | 12/13/2017 |

RECEIVING PARTY DATA

| Name: | CISCO TECHNOLOGY, INC. | |
|-----------------|-----------------------------|--|
| Street Address: | 170 WEST TASMAN DRIVE, 10/5 | |
| City: | SAN JOSE | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 95134-1706 | |

PROPERTY NUMBERS Total: 22

| Property Type | Number |
|---------------------|----------|
| Patent Number: | 9602559 |
| Patent Number: | 9672827 |
| Patent Number: | 9548998 |
| Patent Number: | 9176639 |
| Patent Number: | 9325809 |
| Patent Number: | 9529522 |
| Application Number: | 61698303 |
| Application Number: | 13945858 |
| Application Number: | 61698307 |
| Application Number: | 15452741 |
| Application Number: | 61698313 |
| Application Number: | 13945865 |
| Application Number: | 61763463 |
| Application Number: | 14095861 |
| Application Number: | 61763464 |
| Application Number: | 15464339 |
| Application Number: | 61698319 |
| Application Number: | 61698328 |
| Application Number: | 61698333 |
| | |

PATENT REEL: 044402 FRAME: 0323

504689054

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 61763465 | |
| Application Number: | 14095857 | |
| Application Number: | 61698339 | |

CORRESPONDENCE DATA

Fax Number: (408)525-2912

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 4085253737

Email: patent-administrators@cisco.com

Correspondent Name: KAREN A HALLOCK, CISCO SYSTEMS, INC.

Address Line 1: 170 WEST TASMAN DRIVE

Address Line 2: 10/5

Address Line 4: SAN JOSE, CALIFORNIA 95134-1706

| ATTORNEY DOCKET NUMBER: | CKET NUMBER: MINDMELD_CONF ASSGN | |
|-------------------------|----------------------------------|--|
| NAME OF SUBMITTER: | KAREN A HALLOCK | |
| SIGNATURE: | /Karen A Hallock/ | |
| DATE SIGNED: | 12/14/2017 | |

Total Attachments: 3

source=MINDMELD confirmatory assignment#page1.tif source=MINDMELD confirmatory assignment#page2.tif source=MINDMELD confirmatory assignment#page3.tif

> PATENT REEL: 044402 FRAME: 0324

CONFIRMATION OF PATENT ASSIGNMENT

This CONFIRMATION OF PATENT ASSIGNMENT ("Assignment") is executed by and among CISCO MINDMELD LLC, a company organized under the laws of Delaware ("Target"), CISCO SYSTEMS, INC., a California corporation ("Cisco"), and CISCO TECHNOLOGY, INC., a California corporation ("CTI").

CISCO PATENTS

"Cisco Patents" shall mean the patents and patent applications listed on <u>Schedule 1</u>, as well as any and all continuations, continuations-in-part, divisionals, reexaminations, reissues, extensions, and any other patents or patent applications that claim priority therefrom, including without limitation any U.S. and non-U.S. patents or patent applications.

ASSIGNMENT

Target has previously assigned and transferred, and Cisco has previously received and accepted, for good and valuable consideration, all of Target's right, title and interest throughout the world in and to the Cisco Patents, and all of Target's rights, claims and privileges pertaining to the Cisco Patents, including without limitation: rights to the underlying inventions; all priority rights under all available international agreements, treaties and conventions for the protection of intellectual property in its various forms in every participating country; the right to sue and recover damages, profits and all other remedies for any past, present or future infringement of any of the foregoing; and the right to stand in the place of Target in all matters related thereto.

Cisco has previously assigned and transferred, and CTI has previously received and accepted, for good and valuable consideration, all of Cisco's right, title and interest throughout the world in and to the Cisco Patents, and all of Cisco's rights, claims and privileges pertaining to the Cisco Patents, including without limitation: rights to the underlying inventions; all priority rights under all available international agreements, treaties and conventions for the protection of intellectual property in its various forms in every participating country; the right to sue and recover damages, profits and all other remedies for any past, present or future infringement of any of the foregoing; and the right to stand in the place of Cisco in all matters related thereto.

Target and Cisco hereby authorize and request the United States Commissioner of Patents and Trademarks and the relevant officials of non-U.S. countries to implement this Assignment.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

Page 1

EXECUTION COPY

IN WITNESS WHEREOF, Target, Cisco and CTI have caused this Confirmation of Patent Assignment to be executed by their duly authorized representatives.

| CISCO MINDMELD LLC | |
|---|---|
| ву: <i>УЧИИ</i> | |
| Name: <u>Dan Lang</u> | |
| Title: Vice President | |
| Date Signed: <u>December 13, 2017</u> | |
| Address: 2711 Centerville Road Suite 400 Wilmington, DE 19808 | |
| CISCO SYSTEMS, INC. | CISCO TECHNOLOGY, INC. |
| ву: | ву: <i>ЮчИД</i> |
| Name: Mark T. Gorman | Name: <u>Dan Laze</u> |
| Title: Vice President & Assistant Secretary | Title: Vice President & Assistant Secretary |
| Date Signed: <u>/2-/3-20/7</u> | Date Signed: <u><i>December 13 , 2017</i></u> |
| Address: 170 West Tasman Drive | Address: 170 West Tasman Drive |

[SIGNATURE PAGE TO CISCO MINDMELD LLC CONFIRMATION OF PATENT ASSIGNMENT]

San Jose, CA 95134

Page 2

San Jose, CA 95134

SCHEDULE 1 TO CONFIRMATION OF PATENT ASSIGNMENT

U.S. PATENT APPLICATIONS

| CPOL NO | COUNTRY | DATE FILED | APPLICATION NO |
|---------------|---------|-------------|----------------|
| 1014736-US.01 | US | 7-Sep-2012 | 61/698303 |
| 1014736-US:02 | US | 18-Jul-2013 | 13/945858 |
| 1014737-US.01 | US g | 7-Sep-2012 | 61/698307 |
| 1014737-US.03 | US | 8-Mar-2017 | 15/452741 |
| 1014738-US.01 | US | 7-Sep-2012 | 61/698313 |
| 1014738-US.02 | US | 18-Jul-2013 | 13/945865 |
| 1014739-US.01 | US | 11-Feb-2013 | 61/763463 |
| 1014739-US.02 | US | 3-Dec-2013 | 14/095861 |
| 1014740-US.01 | US | 11-Feb-2013 | 61/763464 |
| 1014740-U5.03 | US | 20-Mar-2017 | 15/464339 |
| 1014741-US.01 | US | 7-Sep-2012 | 61/698319 |
| 1014742-US.01 | US | 7-Sep-2012 | 61/698328 |
| 1014743-US.01 | US | 7-Sep-2012 | 61/698333 |
| 1014744-US.01 | US | 11-Feb-2013 | 61/763465 |
| 1014744-US.02 | US | 3-Dec-2013 | 14/095857 |
| 1014745-US.01 | US | 7-Sep-2012 | 61/698339 |

U.S. PATENTS

| CPOL NO | COUNTRY | DATE ISSUED | PATENT NO |
|-------------------|---------|-------------|-----------|
| 1014737-US.02 | US 🧓 | 21-Mar-2017 | 9,602,559 |
| 1014740-US.02 | US | 6-Jun-2017 | 9,672,827 |
| 1014741-US.02 | US | 17-Jan-2017 | 9,548,998 |
| 1014742-US.02 | US | 3-Nov-2015 | 9,176,639 |
| 1014743-US.02 | US | 26-Apr-2016 | 9,325,809 |
| 1014745-US.02 | US | 27-Dec-2016 | 9,529,522 |

Page 3

PATENT

REEL: 044402 FRAME: 0327