506065079 05/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6111794

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHI GUO	05/16/2020
JOHN CORTES	05/18/2020
HAO WANG	05/15/2020

RECEIVING PARTY DATA

Name:	FORTINET, INC.
Street Address:	899 KIFER RD
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94086

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16877204

CORRESPONDENCE DATA

Fax Number: (303)676-8049

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: 303-856-7155

Email: mike.desanctis@jwmhlaw.com

MICHAEL A DESANCTIS **Correspondent Name:**

Address Line 1: 7501 VILLAGE SQUARE DRIVE, STE. 206

Address Line 4: CASTLE PINES, COLORADO 80108

ATTORNEY DOCKET NUMBER:	FORT-033000
NAME OF SUBMITTER:	MICHAEL A. DESANCTIS
SIGNATURE:	/Michael A DeSanctis/
DATE SIGNED:	05/18/2020

Total Attachments: 6

source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif source=Executed Assignment#page4.tif

> **PATENT** REEL: 052692 FRAME: 0332

506065079

source=Executed_Assignment#page5.tif
source=Executed_Assignment#page6.tif

PATENT REEL: 052692 FRAME: 0333

ASSIGNMENT

WHEREAS, We, Zhi Guo, John Cortes and Hao Wang, have invented certain new and useful improvements for which an application entitled

"COMPILING DOMAIN-SPECIFIC LANGUAGE CODE TO GENERATE EXECUTABLE CODE TARGETING AN APPROPRIATE TYPE OF PROCESSOR OF A NETWORK DEVICE"

is about to be made for Letters Patent of the United States, the application having been executed on even date herewith, and which may be identified in the United States Patent and Trademark Office by Application No. 16/877,204, filed on May 18, 2020 and further identified as Atty. Docket No. FORT-033000.

WHEREAS, Fortinet, Inc., a Corporation of the State of Delaware, and having its principal offices at 899 Kifer Rd., Sunnyvale, CA 94086 (hereafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the application, any inventions or discoveries described therein and in, to and under any and all Letters Patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the Assignee, its successors and assigns:

- the entire right, title and interest in and to the application, any inventions or discoveries described therein and the Letters Patent(s), both foreign and domestic, that may or shall issue, including all rights under the International Convention, and
- 2. all proceeds of the application, any inventions or discoveries described therein and the Letters Patent(s) (including but not limited to, damages for pre-patent grant infringement, all license royalties and proceeds of infringement suits); and in and to any and all causes of action (excepting claims upon the United States of America) for past, present, and future infringement of any of the Letters Patent(s), or relating to any inventions or discoveries described therein, including the right to collect royalties and seek injunctive relief, for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit of their successors, assigns and legal representatives,

We do hereby authorize and request the Commissioner of Patents to issue the Letters Patent(s) to the Assignee in accordance herewith.

We hereby authorize the Assignee, its successors and assigns or anyone it may properly designate, to insert in this instrument the filing date and Application No. of the application when ascertained.

We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name, if desired, in any and all foreign

-1-

countries, and additionally to claim the filing date of the United States application and/or otherwise take advantage of the provisions of the International Convention.

We do hereby covenant and agree with the Assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will, at any time upon request, without further or additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuation, divisional, reissued, reexamined, substitute or extended Letters Patent(s) of the United States, or of any and all foreign countries on the invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

In Witness Whereof, We have hereunto set our hands and affixed our seals on the date written below.

Signature:	Mano	Signature:	
Date:	May 16, 2020	Date:	
Full Name:	Zhi Guo	Full Name:	John Cortes
Residence:	San Jose, CA	Residence:	Santa Clara, CA
Mailing Address:	899 Kifer Rd. Sunnyvale, CA UNITED STATES	Mailing Address:	899 Kifer Rd. Sunnyvale, CA UNITED STATES

Signature:	
Date:	
Full Name:	Hao Wang
Residence:	San Jose, CA
Mailing Address:	899 Kifer Rd.
	Sunnyvale, CA UNITED STATES

ASSIGNMENT

WHEREAS, We, **Zhi Guo, John Cortes** and **Hao Wang**, have invented certain new and useful improvements for which an application entitled

"COMPILING DOMAIN-SPECIFIC LANGUAGE CODE TO GENERATE EXECUTABLE CODE TARGETING AN APPROPRIATE TYPE OF PROCESSOR OF A NETWORK DEVICE"

is about to be made for Letters Patent of the United States, the application having been executed on even date herewith, and which may be identified in the United States Patent and Trademark Office by Application No. 16/877,204, filed on May 18, 2020 and further identified as Atty. Docket No. FORT-033000.

WHEREAS, **Fortinet, Inc.**, a Corporation of the State of Delaware, and having its principal offices at 899 Kifer Rd., Sunnyvale, CA 94086 (hereafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the application, any inventions or discoveries described therein and in, to and under any and all Letters Patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the Assignee, its successors and assigns:

- 1. the entire right, title and interest in and to the application, any inventions or discoveries described therein and the Letters Patent(s), both foreign and domestic, that may or shall issue, including all rights under the International Convention, and
- 2. all proceeds of the application, any inventions or discoveries described therein and the Letters Patent(s) (including but not limited to, damages for pre-patent grant infringement, all license royalties and proceeds of infringement suits); and in and to any and all causes of action (excepting claims upon the United States of America) for past, present, and future infringement of any of the Letters Patent(s), or relating to any inventions or discoveries described therein, including the right to collect royalties and seek injunctive relief, for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit of their successors, assigns and legal representatives,

We do hereby authorize and request the Commissioner of Patents to issue the Letters Patent(s) to the Assignee in accordance herewith.

We hereby authorize the Assignee, its successors and assigns or anyone it may properly designate, to insert in this instrument the filing date and Application No. of the application when ascertained.

We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name, if desired, in any and all foreign

PATENT REEL: 052692 FRAME: 0336 countries, and additionally to claim the filing date of the United States application and/or otherwise take advantage of the provisions of the International Convention.

We do hereby covenant and agree with the Assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will, at any time upon request, without further or additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuation, divisional, reissued, reexamined, substitute or extended Letters Patent(s) of the United States, or of any and all foreign countries on the invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

In Witness Whereof, We have hereunto set our hands and affixed our seals on the date written below.

			//
Signature:		Signature:	le G
Date:		Date:	May 18, 2020
Full Name:	Zhi Guo	Full Name:	John Cortes
Residence:	San Jose, CA	Residence:	Santa Clara, CA
3.6.11	899 Kifer Rd.		899 Kifer Rd.
Mailing Address:	Sunnyvale, CA	Mailing Address:	Sunnyvale, CA
Address.	UNITED STATES	Audiess.	UNITED STATES

Signature:	
Date:	
Full Name:	Hao Wang
Residence:	San Jose, CA
Mailing Address:	899 Kifer Rd. Sunnyvale, CA UNITED STATES

1

ASSIGNMENT

WHEREAS, We, Zhi Guo, John Cortes and Hao Wang, have invented certain new and useful improvements for which an application entitled

"COMPILING DOMAIN-SPECIFIC LANGUAGE CODE TO GENERATE EXECUTABLE CODE TARGETING AN APPROPRIATE TYPE OF PROCESSOR OF A NETWORK DEVICE"

is about to be made for Letters Patent of the United States, the application having been executed on even date herewith, and which may be identified in the United States Patent and Trademark Office by Application No. 16/877,204, filed on May 18, 2020 and further identified as Atty. Docket No. FORT-033000.

WHEREAS, Fortinet, Inc., a Corporation of the State of Delaware, and having its principal offices at 899 Kifer Rd., Sunnyvale, CA 94086 (hereafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the application, any inventions or discoveries described therein and in, to and under any and all Letters Patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the Assignee, its successors and assigns:

- the entire right, title and interest in and to the application, any inventions or discoveries described therein and the Letters Patent(s), both foreign and domestic, that may or shall issue, including all rights under the International Convention, and
- 2. all proceeds of the application, any inventions or discoveries described therein and the Letters Patent(s) (including but not limited to, damages for pre-patent grant infringement, all license royalties and proceeds of infringement suits); and in and to any and all causes of action (excepting claims upon the United States of America) for past, present, and future infringement of any of the Letters Patent(s), or relating to any inventions or discoveries described therein, including the right to collect royalties and seek injunctive relief, for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit of their successors, assigns and legal representatives,

We do hereby authorize and request the Commissioner of Patents to issue the Letters Patent(s) to the Assignee in accordance herewith.

We hereby authorize the Assignee, its successors and assigns or anyone it may properly designate, to insert in this instrument the filing date and Application No. of the application when ascertained.

We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name, if desired, in any and all foreign

PATENT REEL: 052692 FRAME: 0338 countries, and additionally to claim the filing date of the United States application and/or otherwise take advantage of the provisions of the International Convention.

We do hereby covenant and agree with the Assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will, at any time upon request, without further or additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuation, divisional, reissued, reexamined, substitute or extended Letters Patent(s) of the United States, or of any and all foreign countries on the invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

In Witness Whereof, We have hereunto set our hands and affixed our seals on the date written below.

Signature:		Signature:	
Date:		Date:	
Full Name:	Zhi Guo	 Full Name:	John Cortes
Residence:	San Jose, CA	Residence:	Santa Clara, CA
Mailing Address:	899 Kifer Rd. Sunnyvale, CA UNITED STATES	Mailing Address:	899 Kifer Rd. Sunnyvale, CA UNITED STATES

	· A /
Signature:	Has/I but
Date:	5/15/2020
Full Name:	Hao Wang
Residence:	San Jose, CA
Mailing Address:	899 Kifer Rd. Sunnyvale, CA UNITED STATES