PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6185816

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUDGE KENNEDY SINGH ARORA	10/21/2019
SANDEEP AGARWAL	10/15/2019
NITESH SONI	07/05/2020
RAVNEET S. DHALIWAL	12/05/2019

RECEIVING PARTY DATA

Name:	F5 NETWORKS, INC.
Street Address:	801 5TH AVE.
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16359045

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.

Phone: 585-270-2100

Email: sylvestc@pepperlaw.com

Correspondent Name: TROUTMAN PEPPER HAMILTON SANDERS LLP (F5

Address Line 1: 70 LINDEN OAKS

Address Line 2: SUITE 210

Address Line 4: ROCHESTER, NEW YORK 14625

ATTORNEY DOCKET NUMBER:	147373.04411
NAME OF SUBMITTER:	CINDY SYLVESTER
SIGNATURE:	/Cindy Sylvester/
DATE SIGNED:	07/06/2020

Total Attachments: 4

source=20200706_Assignment_147373_004411#page1.tif source=20200706_Assignment_147373_004411#page2.tif

PATENT 506139086 REEL: 053124 FRAME: 0915

source=20200706_Assignment_147373_004411#page3.tif source=20200706_Assignment_147373_004411#page4.tif

PATENT REEL: 053124 FRAME: 0916



PATENT APPLICATION ASSIGNMENT

"We". Judge Kennedy Singh Arora, Sandeep Agarwal, Nitesh Soni, and Ravneet S. Dhaliwal
("ASSIGNOR(S)"), have invented subject matter ("INVENTION(S)") disclosed and/or claimed in a
patent application entitled "METHODS FOR DYNAMICALLY MITIGATING NETWORK ATTACKS
AND DEVICES THEREOF." ("PATENT APPLICATION"), which:

will be filed without this executed assignment. ASSIGNOR(S) hereby authorize the legal representatives for F5 Networks, Inc., of Pepper Hamilton LLP, 70 Linden Oaks, Suite 210, Rochester, New York 1462S, who are associated with customer
number 64553, to insert here in parenthesis the PATENT APPLICATION's serial number and filing date, when known (U.S. App. Serial No
was filed as U.S. App. Serial No. <u>16/359,045</u> on <u>March 20, 2019</u>
is filed concurrently herewith;

F5 Networks, Inc., a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to acquire, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION(S), the PATENT APPLICATION, and all patent applications and patents derived from the INVENTION(S), such as but not limited to continuing applications, divisional applications, and reissue applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR(S), the ASSIGNOR(S) hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title, and interest in the INVENTION(S), the PATENT APPLICATION, and the APPLICATION DERIVATIVES, and expressly disclaim any rights to royalties, payments, or additional consideration;

ASSIGNOR(S) agree to execute all instruments and documents required for making, prosecuting, and/or litigating the APPLICATION and the APPLICATION DERIVATIVES and for the purpose of protecting and perfecting title to the PATENT APPLICATION and APPLICATION DERIVATIVES.

10/21/2019	hule K Ora
1 DA T E	Jødge Kennedy Singh Arora
DATE	Sandeep Agarwal
DATE	Nitesh Soni

#54937034 v1



PATENT APPLICATION ASSIGNMENT

"We", Judge Kennedy Singh Arora, Sandeep Agarwal, Nitesh Soni, and Rayneet S. Dhaliwal
("ASSIGNOR(S)"), have invented subject matter ("INVENTION(S)") disclosed and/or claimed in a
patent application entitled "METHODS FOR DYNAMICALLY MITIGATING NETWORK ATTACK
AND DEVICES THEREOF." ("PATENT APPLICATION"), which:
U will be filed without this executed assignment. ASSIGNOR(S) hereby authorize the

- legal representatives for F5 Networks, Inc., of Pepper Hamilton LLP, 70 Linden Oaks, Suite 210, Rochester, New York 14625, who are associated with customer number 64553, to insert here in parenthesis the PATENT APPLICATION's serial number and filing date, when known (U.S. App. Serial No. ______ filed was filed as U.S. App. Serial No. 16/359,045 on March 20, 2019
- ☐ is filed concurrently herewith;

F5 Networks, Inc., a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to acquire, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION(S), the PATENT APPLICATION, and all patent applications and patents derived from the INVENTION(S), such as but not limited to continuing applications, divisional applications, and reissue applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR(S), the ASSIGNOR(S) hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title, and interest in the INVENTION(S), the PATENT APPLICATION, and the APPLICATION DERIVATIVES, and expressly disclaim any rights to royalties, payments, or additional consideration;

ASSIGNOR(S) agree to execute all instruments and documents required for making, prosecuting, and/or litigating the APPLICATION and the APPLICATION DERIVATIVES and for the purpose of protecting and perfecting title to the PATENT APPLICATION and APPLICATION DERIVATIVES.

10/15/2019	Judge Kennedy Singh Arora
ĎATE	Andeep Agarwak
DATE	Nitesh Soni

#54937034 v1



PATENT APPLICATION ASSIGNMENT

"We", Judge Kennedy Singh Arora, Sandeep Agarwal, Nitesh Soni, and Rayneet S. Dhaliwal ("ASSIGNOR(S)"), have invented subject matter ("INVENTION(S)") disclosed and/or claimed in a patent application entitled "METHODS FOR DYNAMICALLY MITIGATING NETWORK ATTACKS AND DEVICES THEREOF " ("PATENT APPLICATION"), which: will be filed without this executed assignment. ASSIGNOR(S) hereby authorize the legal representatives for F5 Networks, Inc., of Pepper Hamilton LLP, 70 Linden Oaks, Suite 210, Rochester, New York 14625, who are associated with customer number 64553, to insert here in parenthesis the PATENT APPLICATION's serial number and filing date, when known (U.S. App. Serial No. , filed was filed as U.S. App. Serial No. <u>16/359,045</u> on <u>March 20, 2019</u> □ is filed concurrently herewith; F5 Networks, Inc., a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to acquire, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION(S), the PATENT APPLICATION, and all patent applications and patents derived from the INVENTION(S), such as but not limited to continuing applications, divisional applications, and reissue applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"); For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR(S), the ASSIGNOR(S) hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title, and interest in the INVENTION(S), the PATENT APPLICATION, and the APPLICATION DERIVATIVES, and expressly disclaim any rights to royalties, payments, or additional consideration; ASSIGNOR(S) agree to execute all instruments and documents required for making, prosecuting, and/or litigating the APPLICATION and the APPLICATION DERIVATIVES and for the purpose of protecting and perfecting title to the PATENT APPLICATION and APPLICATION DERIVATIVES. DATE Judge Kennedy Singh Arora Candeep Agarwal DATE ___ Mtesh Soni __ July 5, 2020

> PATENT REEL: 053124 FRAME: 0919

DATE



Ravneet Singh Dhaliwal 12/05/2019

> Ravneet S. Dhaliwal DATE

PATENT REEL: 053124 FRAME: 0920 RECORDED: 07/06/2020

-2 of 2-

#54937034 v1