PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5171721

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIVAKRISHNA ANANDAM MULKA	06/18/2015
SHANKAR SUBRAMANIAN	06/18/2015
JAYAKRISHNAN KARUNAKARAN NAIR	06/18/2015
GOPAL AGRAWAL	06/18/2015
SHANAR GANES PILLAIYAR NATTAMAI JEYAPRAKASH	06/18/2015

RECEIVING PARTY DATA

Name:	MCAFEE, INC.
Street Address:	2821 MISSION COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15739489

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: 3125801020

Email: fmartinez@hfzlaw.com

Correspondent Name: HANLEY FLIGHT & ZIMMERMAN LLC

Address Line 1: 150 S. WACKER DRIVE CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	20344/P84545US
NAME OF SUBMITTER:	KIM A. JACKLIN
SIGNATURE:	/Kim A. Jacklin/
DATE SIGNED:	10/03/2018

Total Attachments: 5

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PATENT REEL: 047057 FRAME: 0359

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source=P84545IN_Form 25_Gopal-Agrawal#page1.tif source=P84545IN_Form 25_Jayakrishnan-Nair#page1.tif source=P84545IN_Form 25_ShankarGanesh-PJ#page1.tif source=P84545IN_Form 25_Shankar-Subramanian#page1.tif

THE PATENTS ACT, 1970

$(39 \ of \ 1970) \\ \textbf{Request for permission for making patent application outside India}$ [see section 39 and rule 71] I/We SHIVAKRISHNA ANANDAM MIILKA SHANKAR

]		title of the	I/We, SHIVAKRISHNA ANANDAM MULKA, SHANKAR SUBRAMANIAN, JAYAKRISHNAN KARUNAKARAN NAIR,	
		l l	GOPAL AGRAWAL, SHANKAR GANESH PILLAIYAR NATTAMAI JEYAPRAKASH	
-			, is/are in possession of an invention for	
			¹ SYSTEMS AND METHODS FOR ROUTING DATA USING SOFTWARE-DEFINED NETWORKS	
	2	Name and address of the person	L/We hereby attach the brief description of the invention. L/We intend to make application (s) alone/jointly with	
		(s)	None	
	2	N	for the same/substantially same invention for patent in the following country/countries/convention countries, namely: <u>USA</u> , <u>European Countries</u> (EPO), Japan, China, Taiwan, etc.	
	3	Name and address of the assignee	If We declare that the rights in the application (s) has/have been assigned or are under a legal obligation to be assigned to:	
			³ McAfee, Inc. 2821 Mission College Blvd. Santa Clara, CA 95054 USA	
			I/We request that I/We may be granted permission to make application (s) for the said invention in the said country/countries. The reasons for making this application are as follows: - To comply with the requirements of Rule 39 prior to filing in non-Indian jurisdictions. The facts and matters stated above are true to the best of my/our knowledge, information and belief.	
-		Dated this 18 th	day of June 2015	
	4	To be signed by the applicant (s) or authorised patent agent.	Signature ⁴	
			To. The Controller of Patents, The Patent Office,	
L			At: - Chennai	

THE PATENTS ACT, 1970

(39 of 1970) REQUEST FOR PERMISSION FOR MAKING PATENT APPLICATION OUTSIDE INDIA [see section 39 and rule 71]

		isee section 37 and the 11
1	State the	I/We, SHIVAKRISHNA ANANDAM MULKA, SHANKAR
		SUBRAMANIAN, JAYAKRISHNAN KARUNAKARAN NAIR,
	invention.	GOPAL AGRAWAL, SHANKAR GANESH PILLAIYAR NATTAMAI
		<u>JEYAPRAKASH</u>
		; is/are in possession of an invention for
		1 SYSTEMS AND METHODS FOR ROUTING DATA USING
1		SOFTWARE-DEFINED NETWORKS
ŀ		
2	Name and	#We hereby attach the brief description of the invention.
	address of	I/We intend to make application (s) alone/jointly with
1	the person	, , , , , , , , , , , , , , , , , , , ,
		None
	(s)	None
		for the same/substantially same invention for patent in the following
		country/countries/convention countries, namely: <u>USA</u> , <u>European Countries</u>
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3	Name and	
-	address of	HWe declare that the rights in the application (s) has/have been assigned or
ŀ	1	
	the	are under a legal obligation to be assigned to:
1	assignee	•
		³ McAfee, Inc.
		2821 Mission College Blvd. Santa Clara, CA 95054 USA
		I/We request that I/We may be granted permission to make application (s) for
1		the said invention in the said country/countries. The reasons for making this
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ļ		prior to filing in non-Indian jurisdictions. The facts and matters stated above
		are true to the best of my /our knowledge, information and belief.
	Dated this 18th	day of June 2015
4	To be signed	I felt An
'	by the	Signature ⁴
	omnlinent (=)	
	applicant (s)	GOPAL AGRAWAL (Anand VS)
	or authorised	Registration Number: 114/11/15/
	patent agent.	For: Law Firm of Naren Thappeta
		Agent for Applicant
		To. The Controller of Patents,
		The Patent Office,
		At: - Chennai
L		At Chemiai

THE PATENTS ACT, 1970

(39 of 1970)

REQUEST FOR PERMISSION FOR MAKING PATENT APPLICATION OUTSIDE INDIA

[see section 39 and rule 71]

1	State the	/We, SHIVAKRISHNA ANANDAM MULKA, SHANKAR	
1	title of the	SUBRAMANIAN, JAYAKRISHNAN KARUNAKARAN NAIR,	
	invention.	GOPAL AGRAWAL, SHANKAR GANESH PILLAIYAR NATTAMAI	
	; •	JEYAPRAKASH	
	1:	UP A. J. S. A. S. S. I. R. B. S. S. S. B. B. S. S. B. S. B. S. S. B. S. B. S. S. S. B. S. S. S. B. S.	
		, is/are in possession of an invention for	
		SYSTEMS AND METHODS FOR ROUTING DATA USING SOFTWARE-DEFINED NETWORKS	
2	address of	L/We hereby attach the brief description of the invention. L/We intend to make application (s) alone/jointly with	
	the person	NY	
	(s)	None	
2	NI-wa and	for the same/substantially same invention for patent in the following country/countries/convention countries, namely: <u>USA</u> , <u>European Countries</u> (<u>EPO</u>), <u>Japan</u> , <u>China</u> , <u>Taiwan</u> , etc.	
3	Name and address of the	I/We declare that the rights in the application (s) has/have been assigned or are under a legal obligation to be assigned to:	
	assignee		
		McAfee, Inc.	
		2821 Mission College Blvd. Santa Clara, CA 95054 USA	
		I/We request that I/We may be granted permission to make application (s) for the said invention in the said country/countries. The reasons for making this application are as follows: - To comply with the requirements of Rule 39 prior to filing in non-Indian jurisdictions. The facts and matters stated above are true to the best of my/our knowledge, information and belief.	
	Dated this 18th	day of June 2015	
4	To be signed by the applicant (s) or authorised patent agent.	Signature ⁴	
	Transaction and arrays.	JAYAKRISHNAN WAIR. Agent for Applicant	
		To. The Controller of Patents,	
		The Patent Office,	
		At: - Chennai	

THE PATENTS ACT, 1970

(39 of 1970) REQUEST FOR PERMISSION FOR MAKING PATENT APPLICATION OUTSIDE INDIA [see section 39 and rule 71]

1	State the	½/We, SHIVAKRISHNA ANANDAM MULKA, SHANKAR
	title of the	SUBRAMANIAN, JAYAKRISHNAN KARUNAKARAN NAIR,
1	invention.	GOPAL AGRAWAL, SHANKAR GANESH PILLAIYAR NATTAMAI
		<u>JEYAPRAKASH</u>
		•
		, is/are in possession of an invention for
		1
		¹ SYSTEMS AND METHODS FOR ROUTING DATA USING SOFTWARE-DEFINED NETWORKS
2	Name and	#We hereby attach the brief description of the invention.
	address of	I/We intend to make application (s) alone/jointly with
	the person	
	(s)	None
		for the same/substantially same invention for patent in the following
		country/countries/convention countries, namely: <u>USA</u> , <u>European Countries</u>
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3	Name and	(2) Of Supari, Child, Turvian, Stor.
	address of	I/We declare that the rights in the application (s) has/have been assigned or
ŀ	the	are under a legal obligation to be assigned to:
	assignee	
		³ McAfee, Inc.
		2821 Mission College Blvd. Santa Clara, CA 95054 USA
		7077
1		I/We request that I/We may be granted permission to make application (s) for
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		are true to the best of my our knowledge, information and belief.
	Dated this 18th	day of June 2015
4	To be signed	R. J. Sharkar Canesh
	by the	Signature [*]
	applicant (s)	SHANKAR CANESH (Anand VS)
	or authorised	PILLANGAR NATIAMAT Registration Number: IN/PA-1399
	patent agent.	For: Law Firm of Naren Thappeta
-		Agent for Applicant
		To. The Controller of Patents,
		The Patent Office,
·	L	At: - Chennai

THE PATENTS ACT, 1970

(39 of 1970) REQUEST FOR PERMISSION FOR MAKING PATENT APPLICATION OUTSIDE INDIA [see section 39 and rule 71]

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			<u>JEYAPRAKASH</u>
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12	,	Name and	#We hereby attach the brief description of the invention.
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		the person	To the rest of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the
1	ĺ	- :	None
		(s)	TAORE
7			for the same/substantially same invention for patent in the following
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			country/countries/convention countries, namely: <u>USA</u> , <u>European Countries</u>
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-		the	are under a legal obligation to be assigned to:
		assignee	• • • • • • • • • • • • • • • • • • •
			³ McAfee, Inc.
			2821 Mission College Blvd. Santa Clara, CA 95054 USA
,			
interes			I/We request that I/We may be granted permission to make application (s) for
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		Dated this 18th	day of June 2015
			l of
1	4	To be signed	L & C .
		by the	Ciomatowa !
		applicant (s)	Signature (Anand VS) SHANKAR (Anand VS) Registration Number: IN/PA-1399 For: Law Firm of Naren Thanneta
		or authorised	Registration Number: IN/PA-1399
		patent agent.	For: Law Firm of Naren Thappeta
			Agent for Applicant
+			To. The Controller of Patents,
*			The Patent Office,
1			At: - Chennai
L		1	A AV: WARWARDED

PATENT REEL: 047057 FRAME: 0365

RECORDED: 10/03/2018