PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6189988

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHEN-BIN LIN	06/28/2020
QIAN-RU ZHAI	06/28/2020
YE JIANG	06/28/2020
MENG-JIE CHEN	06/28/2020
DOUGLAS GROVER	07/07/2020

RECEIVING PARTY DATA

Name:	MICRO FOCUS LLC
Street Address:	4555 GREAT AMERICA PARKWAY
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16923394	

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: 720-290-4275

Email: software.ip.mail@microfocus.com

Correspondent Name: MICRO FOCUS LLC **Address Line 1:** 500 WESTOVER DRIVE

Address Line 2: #12603

Address Line 4: SANFORD, NORTH CAROLINA 27330

ATTORNEY DOCKET NUMBER:	92045623
NAME OF SUBMITTER:	BRENDA L. THOM
SIGNATURE:	/Brenda L. Thom/
DATE SIGNED:	07/08/2020
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Total Attachments: 4

PATENT REEL: 053149 FRAME: 0198

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PATENT REEL: 053149 FRAME: 0199

MICRO FOCUS LLC	
500 Westover Dr., #12603	
Sanford, NC 27330	
software.ip.mail@microfocus.com	
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PATENT APPLICATION

92045623

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to MICRO FOCUS LLC a limited liability company having its principal place of business at 4555 Great America Parkway, Santa Clara, CA 95054, and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to MICRO FOCUS LLC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

DIRECTED GRAPH FOR APPLICATION UNDER TEST

Filing Date:	July 8, 2020	Application No.:	16/923394
	ion(s) and improvement(s) set forth therein, and		
	d renewals of and substitutes for said applicatio		
countries there	eto which may be granted thereon or therefore;	and any reissues, or reex	aminations, or extensions of said
Patent.			

I/we additionally authorize MICRO FOCUS LLC to file applications in my/our name for Patent in any country, to be held and enjoyed by MICRO FOCUS LLC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Patent, to MICRO FOCUS LLC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to MICRO FOCUS LLC or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid MICRO FOCUS LLC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by MICRO FOCUS LLC;

AND I/we hereby authorize and request the official of any country or countries whose duty it is to issue patents on applications as aforesaid, to issue to MICRO FOCUS LLC, as assignee of the entire right, title and interest, any and all Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

zhen-Bin	レらり		2020,06,28	
Inventor's Signature			Date	
Zhen-Bin	Lin			
First/Middle Name	Last Name			
Qian-ru Zhai	2		2220.06. VS	
Inventor's Signature			Date	
Qian-Ru	Zhai		•	
First/Middle Name	Last Name			
June 2019				
		Page 1 of 2	`	

MICRO FOCUS LLC 500 Westover Dr., #12603 Sanford, NC 27330 software.ip.mail@microfocus.com

June 2019

PATENT APPLICATION

		RECORD ID:	92045623
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	lang	<u> </u>	0.06.28
Inventor's Signature Ye	lians	Date	
First/Middle Name	Jiang Last Name		
Mong - J. Q Inventor's Signature	Chen		w. · b . 28
Meng-Jie	Chen	Date	
First/Middle Name	Last Name		
Inventor's Signature		 Date	
Douglas	Grover		
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
S. HUMBLE PRINC	Lustranic		
Inventor's Signature		Date	
First/Middle Name	Last Name		

Page 2 of 2

PATENT REEL: 053149 FRAME: 0201

MICRO FOCUS LLC	
500 Westover Dr., #12603	
Sanford, NC 27330	
software.ip.mail@microfocus.com	

RECORD ID:	92045623	
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ASSIGNMENT OF PATENT APPLICATION

We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to MICRO FOCUS LLC a limited liability company having its principal place of business at 4555 Great America Parkway, Santa Clara CA 95054, and to its subsidiarios and officiates agree to accompany to accom

and hereby assign and tra	way, Santa Ciara, CA 95054 Insfer to MICRO FOCUS LLi ty, in, to and under an applic	C , its successors a	and assigns	the entire rig	to assign and the ht, title and intere	anster ∍st,
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DIRECTED GRAPH FO	R APPLICATION UNDER	TEST		. :		
Filing Date: July 8			ation No.:	16/9233		
divisionals, and renewals	mprovement(s) set forth thei of and substitutes for said a ay be granted thereon or the	pplication for said F	Patent, and	any and all oth	ner Patent of any	1
held and enjoyed by MICF term or terms for which sa	authorize MICRO FOCUS L RO FOCUS LLC, its success iid Patent respectively may to it enjoyed by me/us had this	ors, assigns, nomi pe granted, reissue	nees or leg	al representati led, as fully an	ves, to the full er	nd of the
have not executed and wi will, each time a request is desirable to perfect the titl LLC, its successors, assign or to its nominee, all know any legal proceedings, the and foreign applications, the FOCUS LLC, its successible profit, proper patent profit.	y covenant that I/we have full not execute any agreement made, and without undue of the to said invention(s) or impigns, nominees or legal represent facts respecting said invertionistic all lawful papers, to commake all rightful oaths and ors, assigns, nominees and ection for said invention(s) of me/us in lending such coopers.	it in conflict herewith the conflict herewith herewith the conflict herewith the conflict herewith the conflic	th, and I/we deliver all sapplication average to ment(s), sapplication are and divided to obtain any and average and are any and average to obtain any and average delivers.	further covera- such papers as and said Paten communicate id application a sionals, contin- do everything and enforce, all countries pn	ant and agree the may be necessed, to MICRO FOCU and said Patent, quations, C-I-P's, a possible to aid for its or their own boulded the experi	at I/we ary or CUS JS LLC to testify reissue MICRO
AND I/we hereby applications as aforesaid, Patent for said invention(s	y authorize and request the of the issue to MICRO FOCUS) or improvement(s) which note that the terms of this assignment is a second to the terms of	official of any count LLC, as assignee on any be issued and	try or count of the entire	ries whose dut right, title and	y it is to issue pa interest, any ark	d all
I/we further auth- application for Patent, now known to them.	orize and direct the attorney didentified by the Record ID	s of record to inser and title set forth a	t the filing o above, as s	late and applic oon as the san	ation number of ne shall have be	said en made
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Inventor's Signature			Date	<u> </u>		
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June 2019	·	Page 1 of 2		 		

MICRO FOCUS LLC 500 Westover Dr., #12603 Sanford, NC 27330 software.ip.mail@microfocus.com

PATENT APPLICATION

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	ASSIGNMENT OF	PATENT APPLICA	TION (cor	nt.)	
Inventor's Signature)ate		
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First/Middle Name	Last Name	•			
Inventor's Signature	**************************************		ate		
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