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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5434985

		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	ΔΑΤΑ					
		Name	Execution Date			
WALTER FRED CALD	WELL JR.		03/07/2019			
ROBERT WARD BLAC	KHALL		03/01/2019			
JASON RONALD TOR	OLA		03/01/2019			
JOHN DAVID O'DOWD)		03/01/2019			
RECEIVING PARTY D	ΑΤΑ					
Name:	BMC SO	FTWARE, INC.				
Street Address:	2103 CIT	TYWEST BLVD.				
City:	HOUSTO	N				
State/Country:	TEXAS					
Postal Code:	77042					
PROPERTY NUMBER		Number				
Application Number:	1	6352161				
Application Namber.						
CORRESPONDENCE						
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CORRESPONDENCE Fax Number: Correspondence will a using a fax number, if Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE:	(6 be sent to t provided; 2 pa pa b b b b b b b b b b b b b b b b b	the e-mail address first; if that is unsu if that is unsuccessful, it will be sent 024706450 aralegal@effectualservices.com RAKE HUGHES BELLERMANN LLP %/O CPA GLOBAL 00 SECOND AVENUE SOUTH, SUITE 6 11NNEAPOLIS, MINNESOTA 55402 0081-363001 MELANIE GROVER /Melanie Grover; Reg. No. 63599/	via US Mail.			
CORRESPONDENCE Fax Number: Correspondence will i using a fax number, if Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER BIGNATURE: DATE SIGNED:	(6 be sent to t provided; 24 pa pa b B C 94 N N IUMBER:	the e-mail address first; if that is unsu if that is unsuccessful, it will be sent 024706450 aralegal@effectualservices.com RAKE HUGHES BELLERMANN LLP COCPA GLOBAL 00 SECOND AVENUE SOUTH, SUITE 6 11NNEAPOLIS, MINNESOTA 55402 0081-363001 MELANIE GROVER /Melanie Grover; Reg. No. 63599/ 03/22/2019	via US Mail.			

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PATENT REEL: 048667 FRAME: 0010

ASSIGNMENT

WHEREAS, We, <u>Walter Fred CALDWELL, Jr.</u>, residing in <u>Clear Lake Shores, TX</u>, <u>Robert Ward BLACKHALL</u>, residing in <u>Katy, TX</u>, <u>Jason Ronald Torola</u>, residing in <u>Katy, TX</u>, and <u>John David O'Dowd</u>, residing in <u>Houston, TX</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled <u>REAL-TIME INTELLIGENT FILTERING AND EXTRACTION OF MAINFRAME LOG</u> <u>DATA</u>:

WHEREAS, We hereby authorize and request our attorneys at Brake Hughes Bellermann LLP, to insert here in parentheses (Ser. No. <u>16/352,161</u>; Filing Date: <u>March 13, 2019</u>) the filing date and application number of said application when known.

AND WHEREAS, <u>BMC Software, Inc.</u> a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at <u>2103</u> <u>CityWest Blvd.</u>, <u>Houston, TX 77042</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and all Letters Patent of foreign countries which may be granted there from; and all Letters Patent of foreign countries which may be granted there from; and all Letters Patent of foreign countries which may be granted there from; and all Letters Patent for the aforesaid inventions and improvements to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

PATENT REEL: 048667 FRAME: 0011

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignce, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHERE	OF. I have hereunto set n	1v hand this 7	day of	MARCH	. 2019.
		A CONTRACT OFFICE		1 2 5 5 5 7 T 1 5	والاراد المحمولين والمح

alloull. Walter Fred Caldwell, Jr.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2019.

Robert Ward Blackhall

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2019.

Jason Ronald Torola

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2019.

Walter Fred Caldwell, Jr.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1st day of March 2019.

dest word Blakkull

Robert Ward Blackhall

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2019.

Jason Ronald Torola

PATENT REEL: 048667 FRAME: 0013

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2019.

Walter Fred Caldwell, Jr.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2019.

Robert Ward Blackhall

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1^{5+} day of Mark, 2019. Jason Ronald Torola

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1⁵⁵ day of <u>MAACA</u>, 2019.

)Dond NC

Johy David O'Dowd

PATENT REEL: 048667 FRAME: 0015

RECORDED: 03/22/2019