502716051 03/11/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ					
			Name		Execution Date	
JAMES A. GRUNDNER					03/07/2014	
DEBORAH A. WALSH					03/10/2014	
LYNNE H. HAYES					03/07/2014	
RECEIVING PARTY DA	ТА					
Name:	FMR LLC					
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City:	BOST	BOSTON				
State/Country:	MASSACHUSETTS					
Postal Code:	02109					
Property Type Application Number: 1		1420	Number 14204194			
PROPERTY NUMBERS Total: 1 Property Type			Number	1		
Application Number:		1420	4194			
	ΑΤΑ					
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US Mail.	e sent t	o ine	e-mail address first; if that is uns	successiui	, it will be sent via	
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NAME OF SUBMITTER:						
			MATTHEW E. CONNORS			
			MATTHEW E. CONNORS /Matthew E. Connors/			
SIGNATURE: DATE SIGNED:						
SIGNATURE:			/Matthew E. Connors/			
SIGNATURE: DATE SIGNED:	ent#page	e1.tif	/Matthew E. Connors/			
SIGNATURE: DATE SIGNED: Total Attachments: 3			/Matthew E. Connors/			

GESMER

FMR.9622

ASSIGNMENT

Know all men by these presents that:

WHEREAS we,

James A. Grundner 300 Otmoor Ln. Cary, NC 27519

Deborah A. Walsh 112 Synandra Lane Holly Springs, NC 27540

and

*

Lynne H. Hayes 100 Lyncroft Lane Cary, NC 27519

have made an invention for

QUALITY SOFTWARE DEVELOPMENT PROCESS

described in the application filed with the United States Patent and Trademark Office herewith, and

WHEREAS, FMR LLC a corporation duly organized and existing under the laws of the Delaware, and having a place of business at 82 Devonshire Street, Boston, Massachusetts 02109, for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application, and any and all Letters Patent of the United States and of all other countries which may he granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

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FMR LLC.

its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignce in accordance with the terms of this instrument.

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

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lina.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on the dates below.

12014 $\frac{3}{\text{Date}}$

James A. Grundner

10 March, 2014 Date

Deborah A. Walsh A. watol

31 14 Date

CH. Hayes

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RECORDED: 03/11/2014

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