505471295 05/10/2019

EPAS ID: PAT5518098

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT CASALE	06/15/2014
ABIGAIL O'MALLEY	05/27/2014
KEDZIE TELLER	05/27/2014

RECEIVING PARTY DATA

Name:	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	
Street Address:	1295 STATE STREET	
City:	SPRINGFIELD	
State/Country:	Country: MASSACHUSETTS	
Postal Code:	01111-0001	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16409433

CORRESPONDENCE DATA

Fax Number: (202)496-7756

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: 202-496-7500

Email: ipt.docketchi@dentons.com

Correspondent Name: ERIC L. SOPHIR/DENTONS US LLP

Address Line 1: 1900 K STREET NW

Address Line 4: WASHINGTON DC, D.C. 20006-1102

ATTORNEY DOCKET NUMBER:	ER: MML-HUDL-002-US-CON2	
NAME OF SUBMITTER:	ERIC L. SOPHIR	
SIGNATURE:	/Eric L. Sophir/	
DATE SIGNED:	05/10/2019	

Total Attachments: 4

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PATENT 505471295 REEL: 049145 FRAME: 0027

ASSIGNMENT

WHEREAS, Robert CASALE, Abigail O'MALLEY and Kedzie TELLER (referred to as "ASSIGNOR") has/have invented certain new and useful improvements in an invention entitled SYSTEMS AND METHODS FOR MANAGING DATA IN REMOTE HUDDLE SESSIONS,

	for which a utility application for a United States Patent was filed with the United States Patent and Trademark Office on, Serial Number; and
\boxtimes	for which an application for a United States Patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY, 1295
State Street, Springfield, Massachusetts 01111-0001, (hereinafter referred to as the "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells and transfers to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any patent application claiming priority to the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to

PATENT REEL: 049145 FRAME: 0028 ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

615/14
bert CASALE
oigail O'MALLEY

ASSIGNMENT

WHEREAS, Robert CASALE, Abigail O'MALLEY and Kedzie TELLER (referred to as "ASSIGNOR") has/have invented certain new and useful improvements in an invention entitled SYSTEMS AND METHODS FOR MANAGING DATA IN REMOTE HUDDLE SESSIONS,

	for which a utility application for a United States Patent was filed with the United States Patent and Trademark Office on, Serial Number; and
\boxtimes	for which an application for a United States Patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY, 1295
State Street, Springfield, Massachusetts 01111-0001, (hereinafter referred to as the "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells and transfers to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any patent application claiming priority to the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to

PATENT REEL: 049145 FRAME: 0030 ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

NVENTOR(S)	DATE SIGNED
Robert CASALE	
Abigail O'MALLEY	5/27/14
157	5/27/14
Kedzie TELLER	5/27/

PATENT REEL: 049145 FRAME: 0031

RECORDED: 05/10/2019