

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5200858

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNORS previously recorded on Reel 043948 Frame 0561. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
JENNIFER RUTLEY	10/10/2016
ABIGAIL O'MALLEY	10/10/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15789521

CORRESPONDENCE DATA

Fax Number: (312)876-7934
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: 202-408-6470
Email: ipt.docketchi@dentons.com
Correspondent Name: DENTONS US LLP
Address Line 1: P.O. BOX 061080
Address Line 4: CHICAGO, ILLINOIS 60606-1080

ATTORNEY DOCKET NUMBER:	MML-BLCK-002C-US
NAME OF SUBMITTER:	ERIC SOPHIR
SIGNATURE:	/ERIC SOPHIR, REG. NO. 48,499/
DATE SIGNED:	10/23/2018

Total Attachments: 3

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ASSIGNMENT

WHEREAS, Jennifer Rutley and Abigail O'malley (referred to as "ASSIGNOR")
has/have invented certain new and useful improvements in an invention entitled
SYSTEM AND METHOD FOR SECURING AND PROCESSING TRANSACTIONS,

- for which a utility application for a United States Patent was filed with the United States Patent and Trademark Office on _____; and
- 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
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.

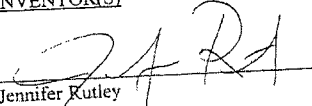
IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURE(S)

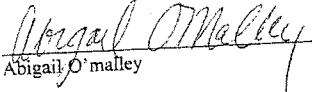
The signature(s) must correspond with the name(s) of the inventor(s) above.

INVENTOR(S)

DATE SIGNED


Jennifer Rutley

10/10/16


Abigail O'malley

10/10/16

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4657878

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JENNIFER RUTLEY	10/17/2017
RECEIVING PARTY DATA	
Name:	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
Street Address:	1295 STATE STREET
City:	SPRINGFIELD
State/Country:	MASSACHUSETTS
Postal Code:	01111-0001
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NAME OF SUBMITTER:	ERIC SOPHIR
SIGNATURE:	/Eric Sophir, Reg. No. 48,499/
DATE SIGNED:	10/25/2017
Total Attachments: 2	
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