504524054 08/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4570760

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRATYUSA K. MANADHATA	08/23/2017
MIJUNG KIM	08/22/2017
MANISH MARWAH	08/25/2017

RECEIVING PARTY DATA

Name:	ENTIT SOFTWARE LLC	
Street Address:	1140 ENTERPRISE WAY, BLDG. G	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94089	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15689043

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: (970) 898-7472

Email: software.ip.mail@hpe.com **ENTIT SOFTWARE LLC** Correspondent Name:

Address Line 1: 1140 ENTERPRISE WAY, BLDG F Address Line 4: SUNNYVALE, CALIFORNIA 94089

ATTORNEY DOCKET NUMBER:	90448729
NAME OF SUBMITTER:	DAN C. HU
SIGNATURE:	/Dan C. Hu, Reg. No. 40,025/
DATE SIGNED:	08/29/2017

Total Attachments: 3

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> **PATENT REEL: 043434 FRAME: 0720** 504524054

ENTIT Software LLC 1140 Enterprise Way, Bldg F MS: 3104 Sunnyvale, CA 94089

Rev 08/17

PATENT APPLICATION

RECORD ID:	90448729
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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 EntIT Software LLC, a limited liability company having its principal place of business in furtherance of my/our obligations to EntIT Software LLC, a limited liability company having its principal place of business in Wilmington. Delaware, and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer in EntIT Software 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:

UNAUTHORIZED AUTHENTICATION EVENTS

Filing Date:	August 29, 2017	Application No.:	15/689043
and the invent	lion(s) and improvement(s) se	t forth therein, and any and all conting s for said application for said Patent, eon or therefore, and any reissues, or	uations, continuations-in-part (CAPs, and any and all other Patent of an reexaminations, or extensions of said

I/we additionally authorize EntIT Software LLC to file applications in my/our name for Patent in any our try to be held and enjoyed by EntIT Software 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 Entil' Software LLC its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Entil' Software LLC or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Patent, to testify his any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations. C-I-P's its successors, assigns, nominees and declarations, and generally to do everything possible to ad Entil Software 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 provides the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by EntIT Software LLC.

AND I/we hereby authorize and request the official of any country or countries whose duty it is to issue caterits or applications as aforesaid, to issue to EntIT Software LLC, as assignee of the entire right, title and interest, any and at 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 filling 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.

Inventor's Signature

Pratyusa K. Manadhata

First/Middle Name/Last Name

Date

Date

Date

Date

Date

1 of 2

ENTIT Software LLC 1140 Enterprise Way, Bldg F MS: 3104 Sunnyvale, CA 94089 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 EntIT Software LLC, a limited liability company having its principal place of business in Wilmington, Delaware, and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to EntIT Software 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:

UNAUTHORIZED AUTHENTICATION EVENTS

DIMONIA	LD ADTILITION TO TELLIO		
Filing Date: _	August 29, 2017	Application No.:	
divisionals, and	invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-t-P's), ats, and renewals of and substitutes for said application for said Patent, and any and all other Patent of any s thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said		
	1.5	to file applications in my/our name for Patent in any country,	

and enjoyed by EntiT Software 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 horewith, 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 EntIT Software LLC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to EntIT Software LLC, or to its nominee, all known tacts 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 EntIT Software 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 EntIT Software 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 EntIT Software 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.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature	Date
Pratyusa K. Manadhata	
First/Middle Name/Last Name	
2 am	8/22/2017
Inventor's Signature	Date
Mijung Kim	

Rev 08/17

ENTIT Software LLC
1140 Enterprise Way, Bldg F
MS: 3104
Supported CA 94099

PATENT APPLICATION

MS: 3104 Sunnyvale, CA 94089	RECORD ID: 90448729
MATURE Inventor's Signature	8/25/2017 Date
Manish Marwah	
First/Middle Name/Last Name	Aggregation of the contraction o
Inventor's Signature	Date
First/Middle Name/Last Name	AMAZARINET BA COCCERTICAT DO TROTHES DO TROT
Inventor's Signature	Date
First/Middle Name/Last Name	
Inventor's Signature	Date
First/Middle Name/Last Name	
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