PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4373328

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE: NUNC PRO TUNC ASSIGNMENT		
EFFECTIVE DATE:	05/25/2004	

CONVEYING PARTY DATA

Name	Execution Date
TED E DUNNING	04/14/2017

RECEIVING PARTY DATA

Name:	GORDON * HOWARD ASSOCIATES, INC.	
Street Address:	861 SOUTHPARK DRIVE	
Internal Address:	SUITE 200	
City:	LITTLETON	
State/Country:	COLORADO	
Postal Code:	80120	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14159568

CORRESPONDENCE DATA

Fax Number: (512)610-3456

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.

AUSTIN, TEXAS 78738

Phone: 5126103410

Email: bwilliamson@conleyrose.com **BARRY S NEWBERGER Correspondent Name:** Address Line 1: 13413 GALLERIA CIRCLE Address Line 2: BLDG Q, SUITE 100 Address Line 4:

ATTORNEY DOCKET NUMBER: 7065-00302 NAME OF SUBMITTER: **BARRY S NEWBERGER** SIGNATURE: /bsnewberger/ **DATE SIGNED:** 04/18/2017

Total Attachments: 3

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PATENT REEL: 042047 FRAME: 0207 504326643

NUNC PRO TUNC ASSIGNMENT

This is a Nunc Pro Tunc (now for then) agreement regarding assignment of rights in an invention titled ENCODING DATA IN A PASSWORD. The agreement is between the inventor Ted E. Dunning (hereafter "Inventor"), and the assignee Gordon * Howard Associates, Inc., a Colorado Corporation.

For good and valuable consideration, the receipt and sufficiency of which is hereby admitted, the Inventor and Gordon * Howard Associates, Inc. agree as follows:

Patent application serial no. 10/856,968 titled "Encoding Data in a Password" was filed on May 28, 2004 (hereinafter the '968 Application), naming as inventor Ted E. Dunning.

The Inventor executed an assignment on May 25, 2004, that purported to transfer the Inventor's rights in the '968 Application and, *inter alia*, all continuations of said application to "Gordon * Howard Associates, Ltd., a Colorado corporation of having a place of business at 2616 West Alamo Ave., Littleton, CO," which assignment was recorded in the United States Patent and Trademark Office on May 28, 2004 at Reel/Frame 015416/0009.

At the time of the execution in May 2004, the Inventor was under a duty to assign to Gordon * Howard Associates, Inc., by virtue of the relationship to Gordon * Howard Associates, Inc. as an employee or consultant.

At the time of execution in May 2004, Gordon * Howard Associates, Inc., had its place of business at 2616 West Alamo Ave., Littleton, Colorado.

The assignment recorded on May 28, 2004 at Reel/Frame 015416/0009 contains a scrivener's error incorrectly indicating "Gordon * Howard" as a limited partnership (i.e., by the use of "Ltd.") rather than a corporation (i.e., by the use of "Inc."), and that at the time of execution in May 2004, the Inventor intended to transfer his rights to Gordon * Howard Associates, Inc.

A corrective assignment, nunc pro tune, correcting said serivener's error was recorded with respect to the '968 application on May 16, 2012 at reel/frame number 028215/0893.

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731358.01/7065-00302

PATENT REEL: 042047 FRAME: 0208 The aforesaid assignment containing said scrivener's error was again recorded on January 21, 2014 at reel/frame number 032007/0967 with respect to Application Serial No. 14/159,568 (hereinafter the '568 Application) filed January 21, 2014, which application is a continuation of Application Serial No. 12/631,493, filed December 4, 2009 that is a continuation of the '968 Application.

In order to correct any ambiguity regarding ownership of the invention in the '568 Application, the Inventor does hereby ASSIGN, SELL and CONVEY, Nunc Pro Tunc¹, to Gordon * Howard Associates, Inc. (hereafter ASSIGNEE), its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in ENCODING A VALIDITY PERIOD IN A PASSWORD.
- U.S. Patent Application Serial No. 14/159,568, filed January 21, 2014, titled "ENCODING A VALIDITY PERIOD IN A PASSWORD";
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- 4. All patents and like protection that have no been or may in the future be granted on said invention to our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- 5. All substitutions for and divisions, continuations, continuations-inpart, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present, and future law and statutes;
- 6. All rights of action on account of past, present, and future unauthorized use of said invention for infringement of said patents and like protection;

Now for then (i.e., as though it had been performed at the earlier date).

- 7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
- 8. All international rights of priority associated with said invention, applications, patents, and like protection;

and I covenant that I, my heirs, legal representatives, assigns, administrators, and executors will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED on the date indicated below our respective signatures.

Ted E. Dunning \
fpril 14,2019

loward Associates, Inc.:

Executive Vice President

Date

731358.01/7065-00302

RECORDED: 04/18/2017

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PATENT REEL: 042047 FRAME: 0210