

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM401095

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
CERTONA CORPORATION		10/03/2016	Corporation:
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	THE PRIVATEBANK AND TRUST COMPANY		
<b>Street Address:</b>	120 South LaSalle Street		
<b>City:</b>	Chicago		
<b>State/Country:</b>	ILLINOIS		
<b>Postal Code:</b>	60603		
<b>Entity Type:</b>	Corporation: ILLINOIS		
<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3847396	CERTONA	
<b>Registration Number:</b>	3847395	RESONANCE	
<b>Registration Number:</b>	2499842	N- S P A C E T E C H N O L O G Y	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	4048853900		
<i>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.</i>			
<b>Phone:</b>	4048853155		
<b>Email:</b>	austin.padgett@troutmansanders.com		
<b>Correspondent Name:</b>	Austin Padgett		
<b>Address Line 1:</b>	600 Peachtree St. NE, Suite 5200		
<b>Address Line 4:</b>	Atlanta, GEORGIA 30308		
<b>ATTORNEY DOCKET NUMBER:</b>	249023.5		
<b>NAME OF SUBMITTER:</b>	Austin Padgett		
<b>SIGNATURE:</b>	/Austin Padgett/		
<b>DATE SIGNED:</b>	10/06/2016		
<b>Total Attachments: 8</b>			
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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (this "Agreement") is entered into as of October 3, 2016 by and between THE PRIVATEBANK AND TRUST COMPANY ("Lender") and CERTONA CORPORATION, a Delaware corporation ("Grantor").

A. Lender has agreed to make certain advances of money and to extend certain financial accommodation (the "Loans") to the Grantor in the amounts and manner set forth in that certain Loan and Security Agreement by and between Lender and the Grantor dated as of even date herewith (as the same may be amended, restated, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement).

B. Lender is willing to make the Loans to Grantor, but only upon the condition, among others, that the Grantor shall grant to Lender a security interest in certain Copyrights, Trademarks and Patents to secure the Obligations under the Loan Agreement.

C. Pursuant to the terms of the Loan Agreement, Grantor has granted to Lender a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

1. To secure its obligations under the Loan Agreement, Grantor grants and pledges to Lender a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property (the "Intellectual Property Collateral") (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

2. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and Register of Copyrights and any other governmental officials to record and register this Agreement upon request by Lender.

3. This security interest is granted in conjunction with the security interest granted to Lender pursuant to the Loan Agreement and Grantor hereby acknowledges and agrees that the rights and remedies of Lender with respect to the security interest in the Intellectual Property Collateral made and granted hereby are more fully set forth in the Loan Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Agreement is deemed to conflict with the Loan Agreement, the provisions of the Loan Agreement shall control.

4. This Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.

5. THIS AGREEMENT AND ANY CLAIMS, CONTROVERSY, DISPUTE OR CAUSE OF ACTION (WHETHER IN CONTRACT OR TORT OR OTHERWISE) BASED UPON, ARISING OUT OF OR RELATING TO THIS AGREEMENT AND THE TRANSACTIONS CONTEMPLATED HEREBY SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

[Signature Page Follows]

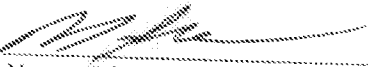
IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by their officers thereunto duly authorized as of the first date written above.

Address of Grantor:

c/o Certona Corporation  
9530 Towne Centre Dr., Suite 200  
San Diego, California 92121  
Attn: Meyar Sheik, CEO  
FAX: (609) 769-3880  
Email: msheik@certona.com

GRANTOR:

CERTONA CORPORATION

By:   
Name: Meyar Sheik  
Title: Chief Executive Officer

Address of Lender:

The PrivateBank and Trust Company  
120 S. LaSalle St.  
Chicago, Illinois 60603  
Attn: Joshua Roberts, Managing Director  
FAX: (312) 291-2173  
Email: jroberts@theprivatebank.com

LENDER:

THE PRIVATE BANK AND TRUST COMPANY

By: \_\_\_\_\_  
Name: Josh Roberts  
Title: Managing Director

[Intellectual Property Security Agreement]

TRADEMARK  
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IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by their officers thereunto duly authorized as of the first date written above.

Address of Grantor:

C/o Certona Corporation  
9530 Towne Center Dr., Suite 200  
San Diego, California 92123  
Attn: \_\_\_\_\_  
FAX: ( ) \_\_\_\_\_  
Email: \_\_\_\_\_

GRANTOR:

CERTONA CORPORATION

By: \_\_\_\_\_  
Name: Mevur Sheikh  
Title: Chief Executive Officer

Address of Lender:

The PrivateBank and Trust Company  
120 S. LaSalle St.  
Chicago, Illinois 60603  
Attn: Joshua Roberts, Managing Director  
FAX: (312) 291-2172  
Email: jroberts@theprivatebank.com

LENDER:

THE PRIVATE BANK AND TRUST COMPANY

By:  \_\_\_\_\_  
Name: Josh Roberts  
Title: Managing Director

EXHIBIT A

Copyrights

None.

## EXHIBIT B

## Patents

Entity	Title	Application No.	Patent No.	Date Filed	Status
Certona Corporation	UNIVERSAL SYSTEM AND METHOD FOR REPRESENTING AND PREDICTING HUMAN BEHAVIOR	N/A	8,566,256	3/31/09	Issued
Certona Corporation	SYSTEM AND METHOD FOR QUANTIFYING AND DETECTING NON-NORMATIVE BEHAVIOR	N/A	8,788,445	4/1/09	Issued
Certona Corporation	SYSTEM AND METHOD FOR PERSONALIZED SEARCH	N/A	8,903,811	4/1/09	Issued
Certona Corporation	FAULT TOLERANCE AND MAINTAINING SERVICE UNDER UNANTICIPATED LOAD CONDITIONS	N/A	9,094,262	12/30/12	Issued
Certona Corporation	EXTRACTING PREDICTIVE SEGMENTS FROM SAMPLED DATA	N/A	9,147,159	12/30/12	Issued
Certona Corporation	KEYWORD INDEX PRUNING	N/A	9,317,584	3/31/09	Issued
Certona Corporation	SYSTEM AND METHOD FOR COLLECTING AND TARGETING VISITOR BEHAVIOR	12/416,005	N/A	3/31/09	In Prosecution
Certona Corporation	SYSTEM AND METHOD FOR COMBINING AND OPTIMIZING BUSINESS STRATEGIES	12/416,083	N/A	3/31/09	In Prosecution
Certona Corporation	SYSTEM AND METHOD FOR GENERATING AUTOMATED SELF-OPTIMIZING TARGETED E-MAILS	12/416,388	N/A	4/1/09	In Prosecution



Entity	Title	Application No.	Patent No.	Date Filed	Status
Certona Corporation	SYSTEM AND METHOD FOR AUTOMATING MARKET ANALYSIS FROM ANONYMOUS BEHAVIOR PROFILES	12/416,524	N/A	4/1/09	In Prosecution
Certona Corporation	RECOMMENDING REPEATED TRANSACTIONS	13/731,071	N/A	12/30/12	In Prosecution
Certona Corporation	EXTRACTING PREDICTIVE SEGMENTS FROM SAMPLED DATA	14/868,387	N/A		Awaiting office response

EXHIBIT C

Trademarks

Entity	Mark	Serial No.	Registration No.	Date Filed	Status
Certona Corporation	Certona	77893162	3847396	12/14/09	Live
Certona Corporation	Resonance	77893109	3847395	12/14/09	Live
Certona Corporation	N * Space Technology and Design	76001721	2499842	3/16/00	Live

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