

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | RELEASE OF SECURITY INTEREST |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| PNC BANK, NATIONAL ASSOCIATION | 11/19/2018 |
| RECEIVING PARTY DATA | |
| Name: | MARKET PLANNING SOLUTIONS, INC. |
| Street Address: | 4343 S. 118TH E. AVENUE, SUITE C |
| City: | TULSA |
| State/Country: | OKLAHOMA |
| Postal Code: | 74146 |
| Name: | KNOWLEDGE SUPPORT SYSTEMS, INC. |
| Street Address: | 25B HANOVER ROAD |
| City: | FLORHAM PARK |
| State/Country: | NEW JERSEY |
| Postal Code: | 07932 |
| Name: | MPSI INTERNATIONAL, INC. |
| Street Address: | 4343 S. 118TH E. AVENUE, SUITE C |
| City: | TULSA |
| State/Country: | OKLAHOMA |
| Postal Code: | 74146 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 14029432 |
| Patent Number: | 7584164 |
| CORRESPONDENCE DATA | |
| Fax Number: | (216)696-0740 |
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| NAME OF SUBMITTER: | CANDICE REDER |
| SIGNATURE: | /Candice Reder/ |
| DATE SIGNED: | 11/20/2018 |
| Total Attachments: 3 source=PatentReleaseNov2018#page1.tif source=PatentReleaseNov2018#page2.tif source=PatentReleaseNov2018#page3.tif | |

RELEASE OF PATENT SECURITY AGREEMENT

WHEREAS, by the Rider to Security Agreement – Patents dated March 16, 2016 (the “Security Agreement”), originally recorded in the Patent Assignment database of the United States Patent and Patent Office (“USPTO”) on March 18, 2016 at Reel 038028 Frame 0350, Market Planning Solutions, Inc., a Delaware corporation, Knowledge Support Systems, Inc., a New Jersey corporation, and MPSI International Inc., an Oklahoma corporation, (together, “Grantors”), granted to PNC Bank, National Association, a national banking association (“Releasor”), a continuing security interest in all of Grantors’ right, title and interest in the patents identified in Schedule A; and

WHEREAS, Releasor has agreed to release and discharge Grantors from the terms and conditions set forth in the Security Agreement, and the parties wish to record with the USPTO the release of the security interest against the patents.

NOW, THEREFORE, for good and valuable consideration, Releasor does hereby release and discharge (in each case without recourse and without representation or warranty of any kind or nature, express or implied) the security interest, liens, and all other rights, if any, it may have in the patents granted to it by Grantors pursuant to the Security Agreement of the same date and which were recorded in the USPTO.

[SIGNATURE APPEARS ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the undersigned has executed this Release of Security Agreement on behalf of Releasor as of the date written below.

PNC BANK, NATIONAL ASSOCIATION

Dated: November 19, 2018

Signature: _____

Printed Name: _____

Title: _____

Schedule A

Patents

| <u>APPLICATION NO.</u> | <u>APPLICATION DATE</u> | <u>TITLE</u> |
|------------------------|-------------------------|-------------------------------------|
| US7584164 | 6/4/2005 | User interface method and apparatus |
| 14/029432 | 9/17/2013 | Competitor prediction tool |