

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenneth C. Shuey</td> <td>01/10/2012</td> </tr> <tr> <td>Rodney C. Hemminger</td> <td>01/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kenneth C. Shuey	01/10/2012	Rodney C. Hemminger	01/18/2012
Name	Execution Date						
Kenneth C. Shuey	01/10/2012						
Rodney C. Hemminger	01/18/2012						
RECEIVING PARTY DATA							
Name:	Elster Solutions, LLC						
Street Address:	208 South Rogers Lane						
City:	Raleigh						
State/Country:	NORTH CAROLINA						
Postal Code:	27610						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13356903</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13356903		
Property Type	Number						
Application Number:	13356903						
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ATTORNEY DOCKET NUMBER:	ELSE-1287/E20110140						
NAME OF SUBMITTER:	Janis Calvo						
Total Attachments: 4 source=ELSE-1287 ASSIGNMENT#page1.tif source=ELSE-1287 ASSIGNMENT#page2.tif source=ELSE-1287 ASSIGNMENT#page3.tif source=ELSE-1287 ASSIGNMENT#page4.tif							

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ASSIGNMENT

WHEREAS, I, **Kenneth C. Shuey**, citizen of the United States of America, residing at 4516 Laid Back Lane, Zebulon, North Carolina 27597, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **ELSE-1287 / E20110140** (“the invention”), which is entitled **SCALABLE PACKETS IN A FREQUENCY HOPPING SPREAD SPECTRUM (FHSS) SYSTEM** (“the subject application”). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, **Elster Solutions, LLC**, ASSIGNEE, having a place of business at **208 S. Rogers Lane, Raleigh, North Carolina 27610**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors’ certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.


AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

DOCKET NO.: ELSE-1287 / E20110140

representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 10th day of January, year of 2012.


Signature

STATEMENT OF NOTARY PUBLIC

STATE OF _____:

: SS

COUNTY OF _____:

On this _____ day of _____, year of _____, before me personally came the above named **Kenneth C. Shuey**, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

The foregoing assignment covers patent application number 13/356,903, filed on January 24, 2012.

/Kenneth R Eiferman/

Name of Attorney: Kenneth R. Eiferman
Registration No.: 51,647
Date of Insertion: January 24, 2012

ASSIGNMENT

WHEREAS, I, **Rodney C. Hemminger**, citizen of the United States of America, residing at 6300 Lakeland Drive, Raleigh, North Carolina 27612, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **ELSE-1287 / E20110140** (“the invention”), which is entitled **SCALABLE PACKETS IN A FREQUENCY HOPPING SPREAD SPECTRUM (FHSS) SYSTEM** (“the subject application”). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, **Elster Solutions, LLC**, ASSIGNEE, having a place of business at **208 S. Rogers Lane, Raleigh, North Carolina 27610**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors’ certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 18 day of January, year of 2012.

Rodney C. Hemminger
Signature

STATEMENT OF NOTARY PUBLIC

STATE OF _____:

: SS

COUNTY OF _____:

On this _____ day of _____, year of _____, before me personally came the above named **Rodney C. Hemminger**, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

The foregoing assignment covers patent application number 13/356,903, filed on January 24, 2012.

/Kenneth R Eiferman/
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