

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Navaneet Kumar	02/01/2005
Raymond Kelley	02/03/2005
Dileep Rudran	02/02/2005
Sean M. Scoggins	02/01/2005

RECEIVING PARTY DATA

Name:	Elster Electricity, LLC
Street Address:	208 South Rogers Lane
City:	Raleigh
State/Country:	NORTH CAROLINA
Postal Code:	27610

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11020694

CORRESPONDENCE DATA

Fax Number: (215)568-3439  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 215-568-3100  
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Address Line 4: Philadelphia, PENNSYLVANIA 19103

NAME OF SUBMITTER:

Janis Calvo

Total Attachments: 5

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PATENT

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**PATENT**

**REEL: 015696 FRAME: 0800**

ASSIGNMENT

WHEREAS, we **Navaneet Kumar**, residing at 407 Cricketfield Lane, Cary, North Carolina 27511; **Raymond Kelley**, residing at 14001 Bingham Drive, Raleigh, North Carolina 27614; **Dileep Rudran**, residing at 408 Burgwin Wright Way, Cary, North Carolina 27519; and **Sean M. Scoggins**, residing at 1406 Lyon Street, Raleigh, North Carolina 27608, hereinafter referred to as the assignors, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Application No. 11/020,694, filed **December 22, 2004**, entitled **SYSTEM AND METHOD OF PROVIDING A GEOGRAPHIC VIEW OF NODES IN A WIRELESS NETWORK**; and

WHEREAS, **Elster Electricity, LLC**, hereinafter referred to as the assignee, of **208 South Rogers Lane, Raleigh, North Carolina 27610**, a limited liability company organized and existing under the laws of the **State of Delaware**, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, including the full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said application or any continuations, divisions, or renewals of or substitutes for said application. We further assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time 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 inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal

proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

2/01/05  
Date

Navaneet Kumar (L.S.)  
Navaneet Kumar

STATE OF North Carolina : SS  
COUNTY OF Wake :

On this 1 day of February, year of 2005, before me personally came the above named Navaneet Kumar 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.

Debra P. Haver  
Notary Public  
My Commission Expires 8/12/08

DOCKET NO.: ELSE-0868/E20040200

PATENT  
Joint Inventors  
(Pending Application;  
Application No. Known)

2-3-05  
Date

Raymond Kelley (L.S.)  
Raymond Kelley

STATE OF North Carolina  
COUNTY OF Wake : SS

On this 3 day of February, year of 2005, before me personally came the above named **Raymond Kelley** 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.

Daphne B. Howell  
Notary Public

My Commission Expires 8-12-08

DOCKET NO.: ELSE-0868/E20040200

PATENT  
Joint Inventors  
(Pending Application;  
Application No. Known)

02/02/2005 DR (L.S.)  
Date Dileep Rudran

STATE OF North Carolina :  
COUNTY OF Wake : SS

On this 2nd day of February, year of 2005, before me personally came the above named **Dileep Rudran** 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.

Dale B. Howell  
Notary Public  
My Commission Expires 8-12-08

DOCKET NO.: ELSE-0868/E20040200

PATENT  
Joint Inventors  
(Pending Application;  
Application No. Known)

Date 2/1/2005 Sean M. Scoggins (L.S.)  
Sean M. Scoggins

STATE OF North Carolina : SS  
COUNTY OF Wake :

On this 1 day of February, year of 2005, before me personally came the above named Sean M. Scoggins 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.

Dale B. Harris  
Notary Public  
My Commission Expires 8/12/08