

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Marlin H. Mickle</td> <td>10/27/2009</td> </tr> <tr> <td>Peter J. Hawrylak</td> <td>10/26/2009</td> </tr> <tr> <td>Michael A. Rothfuss</td> <td>10/23/2009</td> </tr> </tbody> </table>		Name	Execution Date	Marlin H. Mickle	10/27/2009	Peter J. Hawrylak	10/26/2009	Michael A. Rothfuss	10/23/2009		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>University of Pittsburgh - Of the Commonwealth System of Higher Education</td> </tr> <tr> <td>Street Address:</td> <td>200 Gardner Steel Conference Center, O'Hara and Thackeray Streets</td> </tr> <tr> <td>City:</td> <td>Pittsburgh</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15260</td> </tr> </table>		Name:	University of Pittsburgh - Of the Commonwealth System of Higher Education	Street Address:	200 Gardner Steel Conference Center, O'Hara and Thackeray Streets	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15260
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (412)566-6099</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412.566.6000</p> <p>Email: ipmail@eckertseamans.com</p> <p>Correspondent Name: ECKERT SEAMANS CHERIN &amp; MELLOTT</p> <p>Address Line 1: 600 GRANT STREET</p> <p>Address Line 2: 44TH FLOOR</p> <p>Address Line 4: PITTSBURGH, PENNSYLVANIA 15219</p>											
ATTORNEY DOCKET NUMBER:	214001-1413										
NAME OF SUBMITTER:	Philip E. Levy										
<p>Total Attachments: 4</p> <p>source=assignment#page1.tif</p>											

OP \$40.00 12563441

**501012069**

**PATENT**  
**REEL: 023500 FRAME: 0314**

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## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **MARLIN H. MICKLE**, residing at 4601 Fifth Avenue, Apartment #723, Pittsburgh, Pennsylvania 15213, a citizen of the United States of America; **PETER J. HAWRYLAK**, residing at 237 Borton Drive, Woodstown, New Jersey 08098, a citizen of the United States of America; and **MICHAEL A. ROTHFUSS**, residing at 1523 Meadowbrook Road, Feasterville, Pennsylvania 19053, a citizen of the United States of America;

Hereby sell, assign and transfer to the **University of Pittsburgh-Of the Commonwealth System of Higher Education**, a non-profit Pennsylvania corporation, having a place of business at 200 Gardner Steel Conference Center, O'Hara and Thackeray Streets, Pittsburgh, Pennsylvania 15260, in the County of Allegheny and Commonwealth of Pennsylvania, its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to any and all improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in United States Patent Application No. 12/563,441 for **SYSTEM AND METHOD FOR REAL TIME ASSET LOCATION AND TRACKING** (Attorney Docket No. 214001-01382-1) filed September 21, 2009, and United States Provisional Application No. 61/099,977 filed on September 25, 2008, and in and to said applications and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said applications; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents and Trademarks to issue to said Assignee, the University of Pittsburgh Of the Commonwealth System of Higher Education, its successors, assigns and legal representatives, in accordance with this Assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said applications;

Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment we will, for all countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful

oaths and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to us relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements, and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives;

Covenant with said Assignee, its successors, assigns and legal representatives that we have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property conveyed, and that we have full right to convey the same as herein expressed.

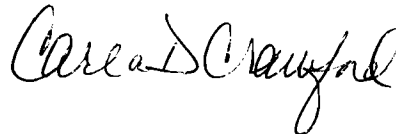
EXECUTED October 27 2009

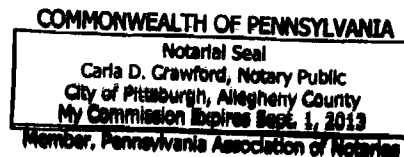
 (SEAL)

MARLIN H. MICKLE

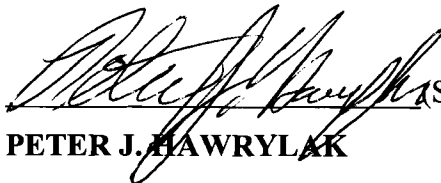
State of ~~Maryland~~ Pennsylvania )  
County of Allegheny ) SS:

Before me this 27<sup>th</sup> day of October, 2009, personally appeared **MARLIN H. MICKLE**, to me personally known to be the person who is described in and who executed the above instrument, and he acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



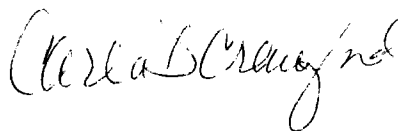


EXECUTED October 26, 2009

 (SEAL)  
**PETER J. HAWRYLAK**

Commonwealth of Pennsylvania )  
 County of Allegheny ) SS:

Before me this 26<sup>th</sup> day of October, 2009, personally appeared **PETER J. HAWRYLAK**, to me personally known to be the person who is described in and who executed the above instrument, and he acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



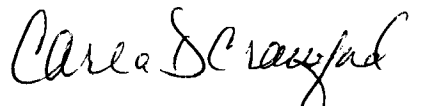
EXECUTED October 23, 2009

 (SEAL)

**MICHAEL A. ROTHFUSS**

Commonwealth of Pennsylvania )  
 ) SS:  
 County of Allegheny )

Before me this 23<sup>rd</sup> day of October, 2009, personally appeared **MICHAEL A. ROTHFUSS**, to me personally known to be the person who is described in and who executed the above instrument, and he acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

  
 COMMONWEALTH OF PENNSYLVANIA  
 Notarial Seal  
 Carla D. Crawford, Notary Public  
 City of Pittsburgh, Allegheny County  
 My Commission Expires Sept. 1, 2013  
 Member, Pennsylvania Association of Notaries