

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>JOHN M. ZIETZ</td> <td>09/22/2009</td> </tr> <tr> <td>ROBERT V. WEINMANN</td> <td>09/22/2009</td> </tr> <tr> <td>ROBERT M. ALLEN</td> <td>09/22/2009</td> </tr> </tbody> </table>		Name	Execution Date	JOHN M. ZIETZ	09/22/2009	ROBERT V. WEINMANN	09/22/2009	ROBERT M. ALLEN	09/22/2009		
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<table border="1"> <tr> <td>Name:</td> <td>APPAREO SYSTEMS, LLC</td> </tr> <tr> <td>Street Address:</td> <td>1810 NDSU Research Circle North</td> </tr> <tr> <td>City:</td> <td>Fargo</td> </tr> <tr> <td>State/Country:</td> <td>NORTH DAKOTA</td> </tr> <tr> <td>Postal Code:</td> <td>58102-5705</td> </tr> </table>		Name:	APPAREO SYSTEMS, LLC	Street Address:	1810 NDSU Research Circle North	City:	Fargo	State/Country:	NORTH DAKOTA	Postal Code:	58102-5705
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (816)502-7898</p> <p>Phone: (816)268-8950</p> <p>Email: uspto@midwestip.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Mark Brown</p> <p>Address Line 1: Law Office of Mark Brown, LLC</p> <p>Address Line 2: 4700 Belleview, Suite 210</p> <p>Address Line 4: Kansas City, MISSOURI 64112</p>											
ATTORNEY DOCKET NUMBER:	4323.1										
NAME OF SUBMITTER:	Mark Brown										
<p>Total Attachments: 3</p> <p>source=4323Assignment092209#page1.tif</p> <p>source=4323Assignment092209#page2.tif</p> <p>source=4323Assignment092209#page3.tif</p>											

CH \$40.00 13413481

ASSIGNMENT AGREEMENT

On the date shown below, and for good and valuable consideration the receipt of which is hereby acknowledged, JOHN M. ZIETZ, ROBERT V. WEINMANN, and ROBERT M. ALLEN, all individuals and United States citizens ("Assignors") made the following assignment and promise to APPAREO SYSTEMS, LLC, a Limited Liability Company, in the state of North Dakota, having a principal place of business at 619 8th Ave. E., West Fargo, ND 58078-0036 in connection with said invention of a new, original, novel and unique GNSS ULTRA-SHORT BASELINE HEADING DETERMINATION SYSTEM AND METHOD ("Invention").

- 1) We assign, transfer, and convey to Assignee the entire right, title and interest in and to
 - (a) the Invention;
 - (b) the application for United States Letter Patent Serial Number 12/563,893 filed September 21, 2009;
 - (c) any Letters Patent issued pursuant to, or as a result of, the application referenced above;
 - (d) all applications for Letters patent; or similar legal protection, which may be filed in any country or countries foreign to the United States with respect to the Invention;
 - (e) all Letters Patent which may be granted for the Invention in any country or countries foreign to the United States; and
 - (f) all extensions, renewals, reissues, divisions, and continuations (or their legal equivalents) of any applications or Letters Patent referred to above.
- 2) We authorize and request the Commissioner for 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 or similar legal protection on applications to issue to Assignee all Letters Patent or similar legal protection for the Invention or improvements.
- 3) We agree that, upon the request of the Assignee, we will
 - (a) execute any and all divisional and renewal applications for the Invention or improvements;
 - (b) execute any supplemental oath relating to the Invention or improvements;

- (c) execute any application for reissue or extension of any Letters Patent that may be granted upon the application;
 - (d) cooperate to the best of our ability in connection with any Interference proceeding, including but not limited to, cooperation in connection with preparing the preliminary statement and giving and producing evidence in support of such preliminary statement;
 - (e) perform such additional acts as Assignee may deem necessary or expedient in connection with any of the matters stated above.
- 4) We covenant and warrant that as of the date of this Assignment Agreement, We are the true and lawful owners of the entire right, title, and interest in the Invention, application for Letters Patent, and any Letters Patent which may issue under said application, and have the full right and power to convey the same; that the same are free and clear of all liens, charges and encumbrances whatsoever; and that we have not executed and will not execute any agreement in conflict with this Assignment Agreement.
- 5) This Assignment Agreement is binding upon, shall inure to the benefit of, and shall be performed by the parties named, their heirs, administrators, legal representatives, successors and assigns.

09/22/09

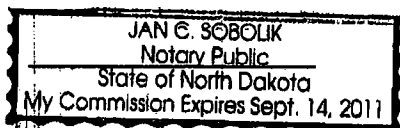
Date

John M. Zietz
JOHN M. ZIETZ

STATE OF North Dakota)
) SS.
COUNTY OF Cass)

On this 22nd day of September, 2009 before me a Notary Public in and for the above State and County, personally appeared JOHN M. ZIETZ to me known and known to me to be the person of that name who signed and sealed the above instrument, and she acknowledged the same to be her free act and deed.

My Appointment Expires:

Jane Sobolik
Notary Public

DN 4323

9/22/09

Date

Robert V. Weinmann

ROBERT V. WEINMANN

STATE OF NORTH DAKOTA)
) SS.
COUNTY OF CASS)

On this 22nd day of September, 2009 before me a Notary Public in and for the above State and County, personally appeared ROBERT V. WEINMANN, to me known and known to me to be the person of that name who signed and sealed the above instrument, and he acknowledged the same to be his free act and deed.

My Appointment Expires:

JAN C. SOBOLIK
Notary Public
State of North Dakota
My Commission Expires Sept. 14, 2011

JAN C. SOBOLIK
Notary Public

9/22/09

Date

Robert M. Allen

ROBERT M. ALLEN

STATE OF NORTH DAKOTA)
) SS.
COUNTY OF CASS)

On this 22nd day of September, 2009 before me a Notary Public in and for the above State and County, personally appeared ROBERT M. ALLEN, to me known and known to me to be the person of that name who signed and sealed the above instrument, and he acknowledged the same to be his free act and deed.

My Appointment Expires:

JAN C. SOBOLIK
Notary Public
State of North Dakota
My Commission Expires Sept. 14, 2011

JAN C. SOBOLIK
Notary Public