

PATENT ASSIGNMENT

Electronic Version v1.1

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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>BARRY D. BATCHELLER</td> <td>11/15/2012</td> </tr> <tr> <td>JOSHUA N. GELINSKE</td> <td>11/15/2012</td> </tr> <tr> <td>PEDER A. NYSTUEN</td> <td>11/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	BARRY D. BATCHELLER	11/15/2012	JOSHUA N. GELINSKE	11/15/2012	PEDER A. NYSTUEN	11/15/2012
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BARRY D. BATCHELLER	11/15/2012								
JOSHUA N. GELINSKE	11/15/2012								
PEDER A. NYSTUEN	11/15/2012								
RECEIVING PARTY DATA									
Name:	APPAREO SYSTEMS, LLC								
Street Address:	1810 NDSU Research Circle North								
City:	Fargo								
State/Country:	NORTH DAKOTA								
Postal Code:	58102-5705								
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>13678441</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13678441				
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CORRESPONDENCE DATA									
Fax Number:	8165027898								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	8162688950								
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Address Line 2:	4700 Belleview, Suite 210								
Address Line 4:	Kansas City, MISSOURI 64112								
ATTORNEY DOCKET NUMBER:	4602NP								
NAME OF SUBMITTER:	Mark Brown								
Total Attachments: 4 source=4602NPAssignmentSigned#page1.tif source=4602NPAssignmentSigned#page2.tif source=4602NPAssignmentSigned#page3.tif source=4602NPAssignmentSigned#page4.tif									

CH \$40.00 13678441

ASSIGNMENT AGREEMENT

On the date shown below, and for good and valuable consideration the receipt of which is hereby acknowledged, BARRY D. BATCHELLER, JOSHUA N. GELINSKE, and PEDER A. NYSTUEN, individuals and United States citizens, ("Assignors") made the following assignment and promises to APPAREO SYSTEMS, LLC, a limited liability company in the state of North Dakota, having a principal place of business at 1810 NDSU Research Circle North, Fargo, ND 58102-5705 ("Assignee") in connection with said invention of a new, original and SYSTEM AND METHOD FOR DETERMINING MATERIAL YIELD AND/OR LOSS FROM A HARVESTING MACHINE USING ACOUSTIC SENSORS ("Invention").

- 1) We assign, transfer, and convey to Assignee our entire right, title and interest as co-owners in and to:
 - (a) the Invention;
 - (b) the provisional Letters Patent application Serial No. 61/560,201, filed November 15, 2011;
 - (c) the Letters Patent application Serial No. 13/678,441, filed November 15, 2012;
 - (d) any Letters Patent issued pursuant to, or as a result of, the application referenced above;
 - (e) 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;
 - (f) all Letters Patent which may be granted for the Invention in any country or countries foreign to the United States; and
 - (g) 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 and the co-owner 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 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 our interests; 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.

11/15/12

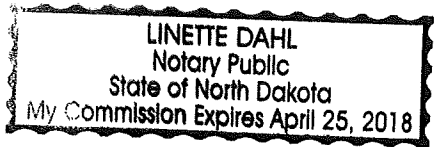
 Date

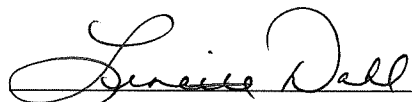


 BARRY D. BATCHELLER

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

On this 15th day of November, 2012, before me a Notary Public in and for the above State and County, personally appeared BARRY D. BATCHELLER, 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.





 Notary Public

My Commission/Appointment Expires: April 25, 2018

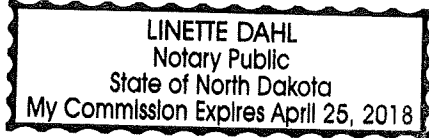
11-15-2012

Date

Joshua N. Gelinske
JOSHUA N. GELINSKE

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

On this 15th day of November, 2012, before me a Notary Public in and for the above State and County, personally appeared JOSHUA N. GELINSKE, 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.



Linette Dahl
Notary Public

My Commission/Appointment Expires: April 25, 2018

