**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

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**CONVEYING PARTY DATA**

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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<tr>
<td>XIN ZHOU</td>
<td>10/15/2010</td>
</tr>
<tr>
<td>ROBERT YANNIELLO</td>
<td>10/15/2010</td>
</tr>
<tr>
<td>DALE L. GASS</td>
<td>10/15/2010</td>
</tr>
<tr>
<td>BIRGER PAHL</td>
<td>10/15/2010</td>
</tr>
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**RECEIVING PARTY DATA**

<table>
<thead>
<tr>
<th>Name</th>
<th>EATON CORPORATION</th>
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<tbody>
<tr>
<td>Street Address</td>
<td>1111 SUPERIOR AVENUE</td>
</tr>
<tr>
<td>City</td>
<td>CLEVELAND</td>
</tr>
<tr>
<td>State/Country</td>
<td>OHIO</td>
</tr>
<tr>
<td>Postal Code</td>
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**PROPERTY NUMBERS Total: 1**

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**CORRESPONDENCE DATA**

Fax Number: (216)479-7015

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (216)523-5000

Email: ScottRossi@eaton.com

Correspondent Name: EATON CORPORATION

Address Line 1: 1111 SUPERIOR AVENUE

Address Line 4: CLEVELAND, OHIO 44114

**ATTORNEY DOCKET NUMBER:** 10-MPCS-248(PDA)

**NAME OF SUBMITTER:** Kirk D. Houser

Total Attachments: 9
source=248ASSIGNMENT#page1.tif

501322533 PATENT
REEL: 025151 FRAME: 0784
ASSIGNMENT

WHEREAS, We, XIN ZHOU; ROBERT YANNIELLO; DALE L. GASS; and BIRGER PAHL, of 2514 Lindenwood Drive, Wexford, in the County of Allegheny, Commonwealth of Pennsylvania 15090; of 1111 Burnside Drive, Asheville, in the County of Buncombe, State of North Carolina 28803; of 8573 N. 54th Street, Brown Deer, in the County of Milwaukee, State of Wisconsin 53223; and of 1615 E. Hampshire Street, Milwaukee, in the County of Milwaukee, State of Wisconsin 53211, respectively, have invented certain improvements in: ACOUSTIC APPARATUS AND ACOUSTIC SENSOR APPARATUS INCLUDING A FASTENER, for which we are about to make application for Letters Patent of the United States; and

WHEREAS, EATON CORPORATION, a corporation organized and existing under the laws of the State of Ohio, having its principal place of business at Eaton Center, Cleveland, Ohio 44114, is desirous of acquiring an interest therein;

NOW, THEREFORE, for and in consideration of continued employment and/or other undertakings and/or other good and valuable consideration, receipt of which is hereby acknowledged, we, XIN ZHOU; ROBERT YANNIELLO; DALE L. GASS; and BIRGER PAHL, by these presents do sell, assign, and transfer unto said EATON CORPORATION, its successors and assigns, the full and exclusive right in the United States of America and all foreign countries to the said invention as described in the specification executed by us on the 15th day of October, 2010; on the day of , 2010; on the day of , 2010; and on the day of , 2010 (and we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and Serial No. of the said application, as soon as it is known, Serial No. 12/062,599, Filed October 18, 2010, preparatory to obtaining Letters Patent of the United States therefor); said invention, all applications for Letters Patent and all Letters Patent therefor, to be held and enjoyed by the said EATON CORPORATION, for its own use and behoof and for its legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made; and we hereby covenant and agree to execute all instruments or documents required or requested for the making and
prosecution of applications for Letters Patent of the United States of America and all foreign
countries or, for litigation regarding, or for the purpose of protecting title to the said invention or
Letters Patent therefor for the benefit of our assignee without further or other compensation than
that above set forth; and we hereby request the Commissioner of Patents and Trademarks to issue
said Letters Patent to EATON CORPORATION, as assignee thereof.

\[Signature\]

\[Signature\]

COMMONWEALTH OF PENNSYLVANIA  
COUNTY OF ALLEGHENY  

On this 15 day of October, 2010, before me personally appeared
\[Signature\]

\[Signature\]

My Commission Expires:  
(SEAL)

ROBERT YANIELLO

STATE OF NORTH CAROLINA  
COUNTY OF  

On this _____ day of ____________, 2010, before me personally appeared
\[Signature\]

\[Signature\]

My Commission Expires:  
(SEAL)
DALE L. GASS

STATE OF WISCONSIN )
COUNTY OF ________________ )

On this _______ day of ______________, 2010, before me personally appeared
DALE L. GASS, to me personally known as the individual who executed the foregoing
instrument and who acknowledged to me that he executed the same of his own free will for the
purposes therein set forth.

______________________________ Notary Public

My Commission Expires: ____________________________
(SEAL)

BIRGER PAHL

STATE OF WISCONSIN )
COUNTY OF ________________ )

On this _______ day of ______________, 2010, before me personally appeared
BIRGER PAHL, to me personally known as the individual who executed the foregoing
instrument and who acknowledged to me that he executed the same of his own free will for the
purposes therein set forth.

______________________________ Notary Public

My Commission Expires: ____________________________
(SEAL)
ASSIGNMENT

WHEREAS, We, XIN ZHOU; ROBERT YANNIELLO; DALE L. GASS; and BIRGER PAHL, of 2514 Lindenwood Drive, Wexford, in the County of Allegheny, Commonwealth of Pennsylvania 15090; of 1111 Burnside Drive, Asheville, in the County of Buncombe, State of North Carolina 28803; of 8573 N. 54th Street, Brown Deer, in the County of Milwaukee, State of Wisconsin 53223; and of 1615 E. Hampshire Street, Milwaukee, in the County of Milwaukee, State of Wisconsin 53211, respectively, have invented certain improvements in: ACOUSTIC APPARATUS AND ACOUSTIC SENSOR APPARATUS INCLUDING A FASTENER, for which we are about to make application for Letters Patent of the United States; and

WHEREAS, EATON CORPORATION, a corporation organized and existing under the laws of the State of Ohio, having its principal place of business at Eaton Center, Cleveland, Ohio 44114, is desirous of acquiring an interest therein;

NOW, THEREFORE, for and in consideration of continued employment and/or other undertakings and/or other good and valuable consideration, receipt of which is hereby acknowledged, we, XIN ZHOU; ROBERT YANNIELLO; DALE L. GASS; and BIRGER PAHL, by these presents do sell, assign, and transfer unto said EATON CORPORATION, its successors and assigns, the full and exclusive right in the United States of America and all foreign countries to the said invention as described in the specification executed by us on the _____ day of ____________, 2010; on the _____ day of ____________, 2010; on the _____ day of ____________, 2010; and on the _____ day of ____________, 2010 (and we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and Serial No. of the said application, as soon as it is known, Serial No. ______________, Filed ______________, preparatory to obtaining Letters Patent of the United States therefore); said invention, all applications for Letters Patent and all Letters Patent therefor, to be held and enjoyed by the said EATON CORPORATION, for its own use and behoof and for its legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made; and we hereby covenant and agree to execute all instruments or documents required or requested for the making and

- 1 of 3 -
prosecution of applications for Letters Patent of the United States of America and all foreign
countries or, for litigation regarding, or for the purpose of protecting title to the said invention or
Letters Patent therefor for the benefit of our assignee without further or other compensation than
that above set forth; and we hereby request the Commissioner of Patents and Trademarks to issue
said Letters Patent to EATON CORPORATION, as assignee thereof.

XIN ZHOU

COMMONWEALTH OF PENNSYLVANIA
) SS:
COUNTY OF ALLEGHENY
)

On this ______ day of _____________, 2010, before me personally appeared
XIN ZHOU, to me personally known as the individual who executed the foregoing instrument
and who acknowledged to me that he executed the same of his own free will for the purposes
therein set forth.

_____________________________ Notary Public

My Commission Expires: ____________________________
(SEAL)

ROBERT YANNIELLO

STATE OF NORTH CAROLINA
) SS:
COUNTY OF Buncombe
)

On this 15 day of October, 2010, before me personally appeared
ROBERT YANNIELLO, to me personally known as the individual who executed the foregoing
instrument and who acknowledged to me that he executed the same of his own free will for the
purposes therein set forth.

_____________________________ Notary Public

My Commission Expires: Sept 5, 2011
(SEAL)
DALE L. GASS

STATE OF WISCONSIN )
COUNTY OF ________________ ) SS:

On this ______ day of ________________, 2010, before me personally appeared DALE L. GASS, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

________________________ Notary Public

My Commission Expires: ________________________________
(SEAL)

BIRGER PAHL

STATE OF WISCONSIN )
COUNTY OF ________________ ) SS:

On this ______ day of ________________, 2010, before me personally appeared BIRGER PAHL, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

________________________ Notary Public

My Commission Expires: ________________________________
(SEAL)
ASSIGNMENT

WHEREAS, We, XIN ZHOU; ROBERT YANNIELLO; DALE L. GASS; and BIRGER PAHL, of 2514 Lindenwood Drive, Wexford, in the County of Allegheny, Commonwealth of Pennsylvania 15090; of 1111 Burnside Drive, Asheville, in the County of Buncombe, State of North Carolina 28803; of 8573 N. 54th Street, Brown Deer, in the County of Milwaukee, State of Wisconsin 53223; and of 1615 E. Hampshire Street, Milwaukee, in the County of Milwaukee, State of Wisconsin 53211, respectively, have invented certain improvements in: ACOUSTIC APPARATUS AND ACOUSTIC SENSOR APPARATUS INCLUDING A FASTENER, for which we are about to make application for Letters Patent of the United States; and

WHEREAS, EATON CORPORATION, a corporation organized and existing under the laws of the State of Ohio, having its principal place of business at Eaton Center, Cleveland, Ohio 44114, is desirous of acquiring an interest therein;

NOW, THEREFORE, for and in consideration of continued employment and/or other undertakings and/or other good and valuable consideration, receipt of which is hereby acknowledged, we, XIN ZHOU; ROBERT YANNIELLO; DALE L. GASS; and BIRGER PAHL, by these presents do sell, assign, and transfer unto said EATON CORPORATION, its successors and assigns, the full and exclusive right in the United States of America and all foreign countries to the said invention as described in the specification executed by us on the _____ day of ______________, 2010; on the _____ day of ______________, 2010; on the _____ day of October, 2010; and on the _____ day of ______________, 2010 (and we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and Serial No. of the said application, as soon as it is known, Serial No. 12/906,259, Filed October 18, 2010, preparatory to obtaining Letters Patent of the United States therefor); said invention, all applications for Letters Patent and all Letters Patent therefor, to be held and enjoyed by the said EATON CORPORATION, for its own use and behoof and for its legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made; and we hereby covenant and agree to execute all instruments or documents required or requested for the making and
prosecution of applications for Letters Patent of the United States of America and all foreign countries or, for litigation regarding, or for the purpose of protecting title to the said invention or Letters Patent therefor for the benefit of our assignee without further or other compensation than that above set forth; and we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to EATON CORPORATION, as assignee thereof.

______________________________
XIN ZHOU
COMMONWEALTH OF PENNSYLVANIA
) ) SS:
COUNTY OF ALLEGHENY
) )

On this ______ day of __________________, 2010, before me personally appeared XIN ZHOU, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

______________________________ Notary Public

My Commission Expires: ____________________________
(SEAL)

______________________________
ROBERT YANNIELLO
STATE OF NORTH CAROLINA
) ) SS:
COUNTY OF ______________________
) )

On this ______ day of __________________, 2010, before me personally appeared ROBERT YANNIELLO, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

______________________________ Notary Public

My Commission Expires: ____________________________
(SEAL)
STATE OF WISCONSIN
COUNTY OF Milwaukee

On this 15th day of October, 2010, before me personally appeared DALE L. GASS, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

David Hopkins Notary Public

My Commission Expires: Sept 02, 2012
(SEAL)

BIRGER PAHL

STATE OF WISCONSIN
COUNTY OF Milwaukee

On this 15th day of October, 2010, before me personally appeared BIRGER PAHL, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

David Hopkins Notary Public

My Commission Expires: Sept 02, 2012
(SEAL)