

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3095920

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DIBYENDU NANDY	10/30/2014
ROBERT A POPPER	10/31/2014
YANG LI	11/03/2014
SARMAD QUTUB	11/03/2014
CLAUS ERDMANN FURST	10/30/2014
HENRIK THOMSEN	10/31/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KNOWLES ELECTRONICS, LLC
<b>Street Address:</b>	1151 MAPLEWOOD DRIVE
<b>City:</b>	ITASCA
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60143
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14533674
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	mfasano@fitcheven.com
<b>Correspondent Name:</b>	FITCH, EVEN, TABIN & FLANNERY LLP
<b>Address Line 1:</b>	120 SOUTH LASALLE
<b>Address Line 2:</b>	SUITE 1600
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60603
<b>ATTORNEY DOCKET NUMBER:</b>	8354-133858-US
<b>NAME OF SUBMITTER:</b>	TIMOTHY R. BAUMANN
<b>SIGNATURE:</b>	/Timothy R. Baumann/
<b>DATE SIGNED:</b>	11/05/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 9</b>	

PATENT

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**COMBINED DECLARATION FOR UTILITY OR DESIGN PATENT  
APPLICATION AND ASSIGNMENT THEREOF**

As a below named inventor, I hereby declare that:

The below-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

SYNCHRONIZATION OF BUFFERED DATA IN MULTIPLE MICROPHONES

*(Title of Invention)*

the specification of which:

- is attached hereto, or
- was filed by an authorized person on my behalf on \_\_\_\_\_  
as United States Application Number or PCT International Application Number  
\_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

I, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign and sell, which confirms any previous assignment by me or by operation of law, to Knowles Electronics, LLC, an Illinois corporation, having its principal place of business at 1151 Maplewood Drive, Itasca, Illinois 60143 ("Assignee"), its successors, assigns, and legal representatives, the entire right, title, and interest, in and to all subject matter and improvements invented, made, or conceived by me and described in the application for patent identified above and in and to all patent and all

patent convention and treaty rights of all kinds, including the right to claim priority from said application, and all rights in and to any utility model, continuation, continuation-in-part, and divisional application therefrom, and any reissue or re-examination as to any patent issuing therefrom, in all countries throughout the world, for all such subject matter described therein, including all rights of action and rights to recover damages for past infringements.

I agree that on request and without further consideration, I will communicate to the Assignee or its representatives or nominees any facts known to me respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers, and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, *inter partes* review, or extension thereof, and generally do everything possible to aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made herein on information and belief are believed to be true.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal Name of Inventor:  
(Given names first, with Family name last)

Dibyendu Nandy

Inventor's Signature:

[Handwritten Signature]

Inventor's Address:

1044 Thackery Lane  
Naperville, Illinois 60564  
United States of America

Date:

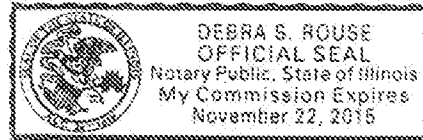
10/30/2014

State of Illinois )  
County of Will ) ss

On October 30, 2014 before me, Debra S. Rouse,  
a Notary Public in and for said State, personally appeared DIBYENDU NANDY, personally  
known by me (or proved to me on the basis of satisfactory evidence) to be the person  
whose name is subscribed to the within instrument and acknowledged to me that he  
executed the same in his authorized capacity, and that by his signature on the  
instrument the person, or the entity upon behalf of which the person acted, executed the  
instrument.

WITNESS my hand and official seal.

Debra S Rouse  
Notary Public



My Commission Expires: 11-22-15

Legal Name of Inventor:  
(Given names first, with Family name last)

Robert A. Popper

Inventor's Signature:

*Robert A. Popper*

Inventor's Address:

1011 Salim Place  
Lemont, Illinois 60439  
United States of America

Date:

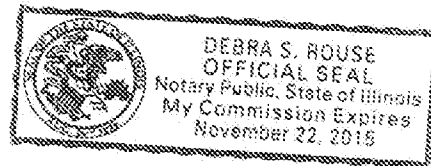
10/31/14

State of Illinois )  
County of Will ) ss

On Oct 31, 2014 before me, Debra S Rouse  
a Notary Public in and for said State, personally appeared ROBERT A. POPPER, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

*Debra S Rouse*



Notary Public

My Commission Expires: 11-22-15

Legal Name of Inventor: Yang Li  
(Given names first, with Family name last)

Inventor's Signature: Yang Li

Inventor's Address: 16 Sarahs Grove Lane  
Schaumburg, Illinois 60193  
United States of America

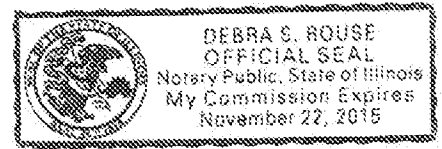
Date: 11/03/2014

State of Illinois )  
County of Will ) ss

On Nov 3, 2014 before me, Debra S Rouse  
a Notary Public in and for said State, personally appeared YANG LI, personally known  
by me (or proved to me on the basis of satisfactory evidence) to be the person whose  
name is subscribed to the within instrument and acknowledged to me that he executed  
the same in his authorized capacity, and that by his signature on the instrument the  
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Debra S Rouse  
Notary Public



My Commission Expires: 11-22-15

Legal Name of Inventor:  
(Given names first, with Family name last)

Sarmad Qutub

Inventor's Signature:

*Sarmad Qutub*

Inventor's Address:

681 Castlereia Lane  
DesPlaines, Illinois 60016  
United States of America

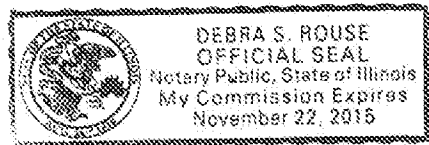
Date:

11/3/14

State of Illinois )  
County of Will ) ss

On Nov 3, 2014 before me, Debra S Rouse,  
a Notary Public in and for said State, personally appeared SARMAD QUTUB, personally  
known by me (or proved to me on the basis of satisfactory evidence) to be the person  
whose name is subscribed to the within instrument and acknowledged to me that he  
executed the same in his authorized capacity, and that by his signature on the  
instrument the person, or the entity upon behalf of which the person acted, executed the  
instrument.

WITNESS my hand and official seal.



*Debra S Rouse*

Notary Public

My Commission Expires: 11-22-15



Legal Name of Inventor:  
(Given names first, with Family name last)

Claus Erdmann Fürst

Inventor's Signature:

*[Handwritten Signature]*

Inventor's Address:

Nordhøjen 7  
4000 Roskilde  
Denmark

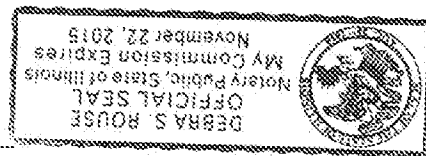
Date: October 30<sup>th</sup> 2014

State of Illinois )  
County of Will ) ss

On October 30, 2014, before me, Debra S. Rouse, a Notary Public in and for said State, personally appeared CLAUD ERDMANN FÜRST, personally known by me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Debra S Rouse  
Notary Public



My Commission Expires: 11-22-15

Legal Name of Inventor:  
(Given names first, with Family name last)

Henrik Thomsen

Inventor's Signature:

Henrik Thomsen

Inventor's Address:

Sydskraenten 29  
Holte DK-2840  
Denmark

Date: 3/10-2014

State of N/A

County of Denmark } ss

On \_\_\_\_\_, 20\_\_\_\_, before me, \_\_\_\_\_  
a Notary Public in and for said State, personally appeared HENRIK THOMSEN, personally  
known by me (or proved to me on the basis of satisfactory evidence) to be the person  
whose name is subscribed to the within instrument and acknowledged to me that he  
executed the same in his authorized capacity, and that by his signature on the  
instrument the person, or the entity upon behalf of which the person acted, executed the  
instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

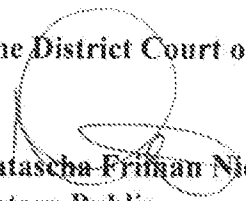
My Commission Expires: \_\_\_\_\_

This is to certify that **Henrik Thomsen** today in my presence at the Notarial Office approved and signed the above document. No conspicuous corrections or addenda were found in the document.



**Henrik Thomsen** has proved his identity by showing passport - passport no. 204698900.

The District Court of Roskilde, Denmark, 31/10/2014

  
**Natascha Frimann Nielsen**  
Notary Public

