

## PATENT ASSIGNMENT COVER SHEET

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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>PIERRE MOULIN</td> <td>11/20/2013</td> </tr> <tr> <td>LILLY CANEL-KATZ</td> <td>10/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	PIERRE MOULIN	11/20/2013	LILLY CANEL-KATZ	10/23/2013
Name	Execution Date						
PIERRE MOULIN	11/20/2013						
LILLY CANEL-KATZ	10/23/2013						
RECEIVING PARTY DATA							
Name:	KOPLAR INTERACTIVE SYSTEMS INTERNATIONAL, LLC						
Street Address:	ONE MEMORIAL DRIVE						
City:	ST. LOUIS						
State/Country:	MISSOURI						
Postal Code:	63102						
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>14045318</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14045318		
Property Type	Number						
Application Number:	14045318						
CORRESPONDENCE DATA							
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Correspondent Name:	THE SMALL PATENT LAW GROUP LLC						
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ATTORNEY DOCKET NUMBER:	VI-020US2 (328-021US2)						
NAME OF SUBMITTER:	CHRISTOPHER R. CARROLL						
Signature:	/Christopher R. Carroll/						
Date:	11/21/2013						

OP \$40.00 14045318

**Total Attachments: 4**

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COMBINED DECLARATION AND GLOBAL ASSIGNMENT  
FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

ECHO MODULATION METHODS AND SYSTEMS

- the specification of which is attached hereto OR
- United States application or PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_, as amended on [date] (if applicable).  
(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

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

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 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.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between Koplar Interactive Systems International, L.L.C. and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Pierre		Moulin	of	Champaign	IL	US
Lilly		Canel-Katz	of	Clayton	MO	US

*Lilly Canel-Katz*  
10/23/13

PATENT

hereby sell and assign to:

Name of Company: <i>Koplar Interactive Systems International, L.L.C.</i>
Address: <i>One Memorial Drive, St. Louis, Missouri 63102, USA</i>

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title
U.S.	Non-Provisional	12/690,814	01/20/2010	ECHO MODULATION METHODS AND SYSTEMS
U.S.	Provisional	61/145,776	01/20/2009	METHOD AND SYSTEM FOR ECHO MODULATION

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us 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 Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

*Atty Caraballo*  
 10/23/13  
**PATENT**

INVENTOR 1

Signature: *P. Moulin*  
PIERRE MOULIN

Date: 11-20-13

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

*P. Moulin*  
PIERRE MOULIN

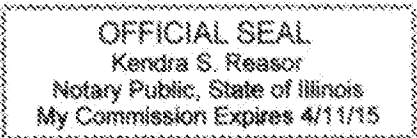
Date: 11-20-13

STATE OF Illinois  
COUNTY OF Champaign ss.

This 20<sup>th</sup> day of November, 2013 before me personally came the above-named **PIERRE MOULIN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

*Kendra S. Reasor*  
(Notary Public)



INVENTOR 2

Pages 1, 2, 3 also signed

Signature:

Lilly Canel-Katz  
LILLY CANEL-KATZ

Date:

10/23/13

Witnessed by:

Signature

Date:

Printed Name of Witness

Witnessed by:

Signature

Date:

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Lilly Canel-Katz  
LILLY CANEL-KATZ

Date: 10/23/13

STATE OF

ss.

COUNTY OF

This 23 day of October 2013, before me personally came the above-named LILLY CANEL-KATZ, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

Angela Jacobs  
(Notary Public)

