PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVE	YANCE:	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	′ DATA					
		Name	Execution Date			
CHRISTOPHER E. (CHUPP		09/27/2004			
MICHAEL S. GRAM	ELSPACHER		09/27/2004			
JESSE J. CHOUNARD II			09/27/2004			
JAMES G. WITHER	S	09/27/2004				
YOUSRI H. BARSO	JM	09/27/2004				
MICHAEL C. REYNO			09/27/2004			
RECEIVING PARTY	DATA					
I						
Name:	KOPLAR INTERACTIVE SYSTEMS INTERNATIONAL, L.L.C.					
Street Address:						
City:	ST. LOUIS	ST. LOUIS				
State/Country:	MISSOURI					
Postal Code:	63102					
PROPERTY NUMBE	RS Total: 2					
Property Type		Number				
		7586541				
Patent Number: 69		6992726				
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ddress Line 2:		LOUIS, MISSOURI 63105				
			PATENT			

PATENT REEL: 032247 FRAME: 0171

ATTORNEY DOCKET NUMBER:	328/1 GEN				
NAME OF SUBMITTER:	CHRISTOPHER R. CARROLL				
Signature:	/Christopher R. Carroll/				
Date:	02/19/2014				
Total Attachments: 4 source=ExecutedAssignment541_726_19FEB2014#page1.tif source=ExecutedAssignment541_726_19FEB2014#page2.tif source=ExecutedAssignment541_726_19FEB2014#page3.tif source=ExecutedAssignment541_726_19FEB2014#page4.tif					

ASSIGNMENT

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WHEREAS, WE, Christopher E. CHUPP, a citizen of the United States, resident of St. Louis, Missouri; Michael S. GRAMELSPACHER, a citizen of the United States, resident of St. Louis, Missouri; Jesse J. CHOUNARD II, a citizen of the United States, resident of Ballwin, Missouri; James G. WITHERS, a citizen of the United States, resident of Chesterfield, Missouri; Yousri H. BARSOUM, a citizen of the United States, resident of St. Louis, Missouri; and Michael C. REYNOLDS, a citizen of the United States, resident of Ballwin, Missouri (collectively hereinafter "ASSIGNORS"); have invented certain improvements in a METHOD AND SYSTEM FOR ENHANCED MODULATION OF VIDEO SIGNALS, and have filed a patent application with the U.S. Patent and Trademark Office for said invention on July 9, 2004, said application being assigned U.S. Patent Application No. 10/888,919.

AND, WHEREAS, KOPLAR INTERACTIVE SYSTEMS INTERNATIONAL, L.L.C., a Missouri Limited Liability Company, with offices at One Memorial Drive, St. Louis, Missouri 63102 (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said inventions and all patent rights therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer and set over unto said ASSIGNEE, the entire right, title and interest in and to said inventions, and in and to all Letters Patent and patent rights which may be granted or issued therefor, in the United States and all foreign countries, and every reissue, reexamination, continuation, continuation-in-part, division, cognate or extension thereof, including the right to sue for all past infringements thereof, to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this Assignment had not been made; and we agree to execute such further applications, powers of attorney, assignments and every other documents as may be necessary or desirable to effectuate this Agreement.

AND WE DO HEREBY authorize and request the Commissioner of Patents and Trademarks and all comparable patent authorities, patent offices and officials of all other countries foreign to the United States, to issue said Letters Patent, to said ASSIGNEE, its successors and assigns, as assignees of the entire right, title and interest in and to said improvements, for the sole use and behoof of said ASSIGNEE, and for its successors and assigns, to the full ends of the terms for which Letters Patent may be granted.

AND we further grant to ASSIGNEE, its successors and assigns, the right to claim for any application for patent for said inventions the full benefit of any international agreement between the United States and any foreign country or countries.

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Date: 9/27/04	Christopher E. CHUPP
STATE OF MISSOURI)	
) SS. CITY OF ST. LOUIS	
	Level, 2004, before me, a Notary Public,
executed the above Assignment, and ackno	P, to me known to be the person named in and who wledged to me that he executed the same for the uses
and purposes therein mentioned, as his own	a free act and deed.
	Same J. Timot
My Commission Expires: 01/05/2	Notary Public
	JAMIE L. LIPPERI Notary Public - Notary Seal State of Missouri
	City of St. Louis My Commission Exp. 01/05/2008
Date: <u>927/04</u>	1 Mil All
J ·	Michael S. GRAMELSPACHER
STATE OF MISSOURI)	
) SS. CITY OF ST. LOUIS)	
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On this 27 day of scotin	bun, 2004, before me, a Notary Public,
personally appeared Michael S. GRAMEI	SPACHER, to me known to be the person named in
the uses and purposes therein mentioned,	and acknowledged to me that he executed the same for as his own free act and deed. \bigwedge
	Samille &
•	Notary Public
•	JAMIE L. LIPPERT
My Commission Expires: $O(05)$	2008 Notary Public - Notary Seal State of Monaria City of State Of 405 70008
My commission Expires: $O(05)$	City of Si My Commission Exp. 01/05/2008

Chound Date: STATE OF MISSOURI) SS. CITY OF ST. LOUIS On this 27th day of Just en ber, 2004, before me, a Notary Public, personally appeared Jesse J. CHOUNARD II, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed. nert Notary Public My Commission Expires: 01/05/2008 **JAMIE L. LIPPERT** Notary Public - Notary Seal State of Missouri City of St. Louis My Commission Exp. 01/05/2008 Date: James G. WITHERS STATE OF MISSOURI) SS. CITY OF ST. LOUIS uptenter, 2004, before me, a Notary Public, On this day of personally appeared James G/WITHERS, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed Notary Public My Commission Expires: 01/05/2008 JAMIE L. LIPPERT Notary Public - Notary Seal State of Missouri City of St-Louis My Commission Exp. 01/05/2008

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Date: <u>9/27/04</u>		You H. BARSOU	M
personally appeared Yousi	iment, and ackno ioned, as his ow	owledged to me that he	ore me, a Notary Public, ne person named in and who executed the same for the uses JAMIE L. LIPPERT Notary Public - Notary Seal State of Missouri City of St. Louis My Commission Exp. 01/05/2008
personally appeared Mic	hael C. REYNO gnment, and ack ntioned, as his o	LDS, to me known to nowledged to me that h	efore me, a Notary Public, be the person named in and who he executed the same for the uses L.Lipput JAMIE L. LIPPERT Notary Public - Notary Seal State of Missouri City of St. Louis My Commission Exp. 01/05/2008

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RECORDED: 02/19/2014