

PATENT ASSIGNMENT

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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>Peter Jax</td> <td>11/06/2011</td> </tr> <tr> <td>Johann-Markus Batke</td> <td>11/06/2011</td> </tr> <tr> <td>Johannes Boehm</td> <td>11/04/2011</td> </tr> <tr> <td>Sven Kordon</td> <td>11/04/2011</td> </tr> </tbody> </table>		Name	Execution Date	Peter Jax	11/06/2011	Johann-Markus Batke	11/06/2011	Johannes Boehm	11/04/2011	Sven Kordon	11/04/2011
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<table border="1"> <tr> <td>Name:</td> <td>Thomson Licensing</td> </tr> <tr> <td>Street Address:</td> <td>1 rue Jeanne d'Arc</td> </tr> <tr> <td>City:</td> <td>Issy-les-Moulineaux</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>92130</td> </tr> </table>		Name:	Thomson Licensing	Street Address:	1 rue Jeanne d'Arc	City:	Issy-les-Moulineaux	State/Country:	FRANCE	Postal Code:	92130
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Application Number:	13333461										
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NAME OF SUBMITTER:	Patricia Verlangieri										
Total Attachments: 2 source=PD100051ASSIGNMENT#page1.tif source=PD100051ASSIGNMENT#page2.tif											

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ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 4 joint inventors (if plural inventors are named below) of the invention relating to METHOD AND APPARATUS FOR ENCODING AND DECODING SUCCESSIVE FRAMES OF AN AMBISONICS REPRESENTATION OF A 2- OR 3-DIMENSIONAL SOUND FIELD

described in an Application for Patent filed on under Serial No. and described in the file associated with Docket No. PD100051 listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on even date with my execution of this Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, renewals, extensions and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.




I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower, said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may hereinafter be substituted for it, and to the extent that I have full right to convey the same as herein expressed.

I covenant with Thomson Licensing, its successors, assigns, legal representatives, and assigns that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	Hannover	Date	04.11.2004
Inventor (1)	Peter JAX (Type or Print)	(Signature in Full. No initials.)	<i>Peter Jax</i>
1st Witness	Susanne Wirtz (Type or Print)	(Signature in Full. No initials.)	<i>Susanne Wirtz</i>
2nd Witness	Cordula Ratajczak (Type or Print)	(Signature in Full. No initials.)	<i>Cordula Ratajczak</i>
Signed at	Hannover	Date	04.11.2004
Inventor (2)	Johann-Markus BATKE (Type or Print)	(Signature in Full. No initials.)	<i>Johann-Markus Batke</i>
1st Witness	Susanne Wirtz (Type or Print)	(Signature in Full. No initials.)	<i>Susanne Wirtz</i>
2nd Witness	Cordula Ratajczak (Type or Print)	(Signature in Full. No initials.)	<i>Cordula Ratajczak</i>
Signed at	Hannover	Date	04.11.2004
Inventor (3)	Johannes BOEHM (Type or Print)	(Signature in Full. No initials.)	<i>Johannes Boehm</i>
1st Witness	Susanne Wirtz (Type or Print)	(Signature in Full. No initials.)	<i>Susanne Wirtz</i>
2nd Witness	Cordula Ratajczak (Type or Print)	(Signature in Full. No initials.)	<i>Cordula Ratajczak</i>

Signed at	<u>Hannover</u>	Date	<u>04.11.2011</u>
Inventor (1)	<u>Sven KORDON</u> (Type or Print)		(Signature in Full, No Initials.)
1st Witness	<u>SUSANNE WITZ</u> (Type or Print)		(Signature in Full, No Initials.)
2nd witness	<u>Cordula Ratajczak</u> (Type or Print)		(Signature in Full, No Initials.)

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After this Assignment has been recorded please RETURN to:

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