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Docket No.: PD080017

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To the Honorable Director of the United States Patent and Trademark Office

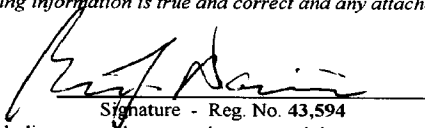
1 document or copy thereof.

1. Name of conveying party(ies): PETER JAX SVEN KORDON		2. Name and address of receiving party(ies): Name: THOMSON Licensing Internal Address: Street: 1-5 rue Jeanne d'Arc F-92130 ISSY LES MOULINEAUX, FRANCE	
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4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s): PCT/EP2009/51989 12735961 Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: ROBERT D. SHEDD Internal Address: PATENT OPERATIONS THOMSON LICENSING LLC Street Address: P. O. Box 5312 City: PRINCETON State: NEW JERSEY Zip: 08543-5312		6. Total number of applications and patents involved: <u> 1 </u> 7. Total Fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 07-0832	

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PATENT
REEL: 024910 FRAME: 0968

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Peter Jax, Am Bokemahle 8, 30171 Hannover, Germany and Sven Kordon, Muehlenkampstr. 50A, 31515 Wunstorf, Germany (collectively) referred to as the assignor, has invented a certain improvement relating to

METHOD AND APPARATUS FOR TRANSFORMING BETWEEN DIFFERENT FILTER BANK DOMAINS

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on 19/FEB/09 as Application Serial No. PCT/EP 09/051989, or, if not identified here by filing date and serial number, the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office.

AND WHEREAS

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1-5, rue Jeanne d'Arc
F-92130 Issy-les-Moulineaux
France

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 8 day of July, 2010.

WITNESSES:

ASSIGNOR:

Signature: *S. Wirtz*

Signature: *Peter Jax*

Name: Susanne Wirtz
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D-30171 Hannover

Name: Peter Jax

Signature: *C. Ratajczak*

Name: Cordula Ratajczak
Address: Kelbshof 4
D-30539 Hannover

EXECUTED, this 20 day of July, 2010.

WITNESSES:

ASSIGNOR:

Signature: *S. Wirtz*

Signature: *S. Kordon*

Name: Susanne Wirtz
Address: Grosse Barlinge 39
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Name: Sven Kordon

Signature: *C. Ratajczak*

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