### PU020173

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# U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-1595 9-21-95	U.S. DEPARTMENT OF COMMERCE		
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PHILLIP AARON JUNKERSFELD DANIEL RICHARD SCHNEIDEWEND THOMAS EDWARD HORLANDER GARY ROBERT GUTKNECHT ROBERT VINCENT KRAKORA SCOTT ALLAN KENDALL	Name: THOMSON Licensing, S.A.		
	Internal Address:		
Additional name(s) of Yes No X conveying party(ics) attached:	Street Address: 46, Quai A. Le Gallo 92648 Boulogne Cedex, France		
3. Nature of conveyance:	City: State:	Zip:	
X     Assignment     Merger       Sccurity Agreement     Change of Name       Other		Yes No X	
4. Application number(s) or patent number(s): 10/192.769. dated July 10. 2002	· · · · · · · · · · · · · · · · · · ·		
If this document is being filed together with a new application, the execution date	of the application is:		
A. Patent Application No.(s)	B. Patent No.(s)		
Additional numbers attached? Ye	 :s No <b>X</b>		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: JOSEPH S. TRIPOLI	6. Total number of applications and patents involved:I		
Internal Address: THOMSON multimedia Licensing Inc.	7. Total Fee (37 CFR 3.41): <u>\$40.00</u> Enclosed		
Street Address: 2 Independence Way	Authorized to be charged to deposit account     B. Deposit account number:     Or page		
City: PRINCETON State: NEW JERSEY Zip :08543-5312	07-0832		
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<ul> <li>9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correcept of the original document.</li> <li>Harvey D. Fried, Esq.</li> </ul>	21 Marche 21003		
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Total number of pages including cover sheet, attachments, and document; 4			
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Docket No. PU020173

#### 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 joint inventors (if plural inventors are named below) of the inventions relating to Live Picture Presentation While Digital Video Recording

described in an application for Letters Patent of the United States of America filed on July 10, 2002

under Serial No. 10/192,769 or, if not identified here by liling date and serial number, executed by me on even date with my execution of this

Assignment/Agreement.

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For all countries 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, relistues and extensions thereof. I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, 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 variant the transfer in add 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.

and for vesting tue 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 eald corporation, its auccessors, 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 the

of their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filled by its or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, 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 fille or like document which may here consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to fille or like document which may

be required in any exsignment, consent to ne or like occument which may be required in any exsignment, consent to ne or like occument 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 provided by the international Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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	INDIANAPOLIS, INDIANA Data	8/16/02
Inventor (1)	PHILLIP AARON JUNKERSFELD	Millig ann Junhald
	Tist to A - The I	n County), CARMEL, INDIANA 46033 USA
1st Witness	Kilzabeth Ann DCK-ON	(Signifying in Full- Not initialize)
2ndWitness	(Marise Antoinne He Downs	(Signature in Pull-Monadelia)
Signed at		3/14/02
Inventor (2)	DANIEL RICHARD SCHNEIDEWEND (Type or Print)	Signature in Full. No initials.)
1		
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		CI A A A
1st Witness	Klizabeth Ann Lickson	Asignatule In Full, No initialities
2ndWitness	Chanse Antoinnette Druns	

After this Assignment has been recorded please RETURN to:

Patent Operations THOMSON multimedia Licensing Inc. P. O. Box 5312 Princeton, NJ 08543-5312

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PATENT REEL: 013503 FRAME: 0883

(Page 2 of 3)

Docket No. PU020173

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

joint inventors I hereby declare that I am the sole inventor (if only one inventor is named below) or one of (if olural inventors are named below) of the inventions relating to Live Picture Presentation While Digital Video Recording

described in an application for Letters Patent of the United States of America filed on under Serial No. 10/192,769 July 10, 2002 or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

Assignment/Agreement. Assignment/Agreement. For valuable consideration received, I hereby sell, assign and transfer to THOM SON LICENSING S.A., a corporation duly organized and existing under the laws 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, reissues and extensions thereof. I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oathe, 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 ell countries and for updition the tareful is each composition. If a successory, explanses

do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventione 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 eald inventiona 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 line to their own name, or in my/our name, in any and all countries and binvoke and claim for any application for patent or other form of protection for said inventions lice or the rot the right of priority provided by the international Convention of in the Protection of in amended, or by any convention which may hereefort be substituted for it, 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 consistent or of the right of its protection of induction and formal equivalent of any assignment, consent to file or like document which may be required in any consultor for the protection for said concent which may be required in any consent to file or tike document which may be 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 consistion or if any consent to file any consent to file or plan any consent or ther post of the right of the ri

Thereby content that a copy of this assignment shar be defined a line to that activate the on any assignment, content or the transfer of the high of the said corporation or its successore, assigns or nonlinees to apply for patent or other project projection of results and uncertain the adversaria benefits of the right of the said corporation or its successore, assigns or nonlinees to apply for patent or other project, as amended, or by any convention which may henceforth be substituted for it. is covenant with THOMSON LICENSING \$A, its successore, assigns, legal representatives, and nominees, 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	INDIANAPOLIS, INDIANA	Dete	/	2003
inventor (4)			Ang.	Ref
	(Type or Print)		(Signature / Full	
	Postoffice Address 18815 Whitcomb Place		/ / / /	NOBLESVILLE, INDIANA 46060 USA
1st Witness	(IW) SCHITOK MATHL	WKS		1 structe of
2ndWitness	Elizabath Ann Acks	SCAL	(Signatulite in Folt.	16th Ann Ockson
	(Type or Print)		(Signature in Full.	No initials,)
Signed at		Dete		
Inventor (2)				
	(Type or Print)		(Signatura in Fuil.	No initials.)
}	Post Office Address			
1st Witness				
	(Type or Print)		(Signature in Full,	No Initials.)
2ndWitness	(Type or Print)		(Signature in Fult,	No Initiale.)
Signed at	<b></b>	Cete		
inventor (3)				
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	Post Office Address			
1st Witness				
	(Type or Print)		(Signature in Full,	No initials.)
2ndWitness	(Type or Print)		(Signature in Fuil.	No (nitigin )
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(<u>Page 3 of 3</u>)

Docket No. PU020173

## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA (Cont'd)

Signed at	INDIANAPOLIS, INDIANA	Date	811462
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2ndWitness	(Type or Print)		(STERNINGENT FOR MOLINITIES)
Signed at		Date	8/20/92
inventor (6)	SCOTT ALLAN KENDALL (Type or Print)		(Signature in Full. No initials.)
F	Post Office Address A318 Mcjntosh, (Hamilton	<u>1</u> Cou	inty), WESTFIELD, INDIANA 46074 USA
1si Witness	Elizabeth Ohn Jacksou		Cleatrik in Jacks
2ndWitnees	(Type or Print) (Type or Print)		(Signatore in Full_No.Initials.)

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**RECORDED: 03/21/2003**