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FORM PTO-1595 9-21-95 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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MARK F. RUMREICH	Name: THOMSON Licensing S.A				
RONALD T. KEEN	Internal Address:				
Additional name(s) of Yes No X conveying party(ies) attached:	Street Address: 46 Quai A. Le Gallo 92648 Boulogne Cedex, France				
- Hills					
3. Nature of conveyance: Assignment X Merger Security Agreement Change of Name Other	City: State	•			
Execution Date: MARCH 12 and MARCH 13, 2001, respectively	Additional name(s) & address(es) attache	ed? Yes No X			
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) 99/745,223 B. Patent No.(s)					
Additional numbers attached? Yes	No X				
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and pate	ents involved:1			
Name: JOSEPH S. TRIPOLI					
Internal Address: THOMSON multimedia Licensing Inc.	· · · · · · · · · · · · · · · · · · ·	<u>0.00</u>			
	Enclosed X Authorized to be charged t	a danasit assaunt			
G All # Liderandones West		o deposit account			
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PATENT REEL: 011518 FRAME: 0413

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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 TWO joint inventors (if plural inventors are named below) of the inventions relating to:

AUTOMATIC CHROMA CONTROL CIRCUIT WITH CONTROLLED SATURATION REDUCTION

described in an application for Letters Patent of the United States of America filed on December 21, 2000 under Serial No.

or, if not identified here by filling date and serial number, executed by me on even date with my execution of this under Serial No.09/745,223

Assignment/Agreement. For valuable consideration received, I hereby sell, assign and transfer to THOMSON 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 an 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 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 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.

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 for any application for patent or other form of protection for said inventions filed by it 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 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 henceforth be substituted for it.

I covenant with THOMSON LICENSING S. A.. its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and

Towenant with THOMSON LICENSING S. A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and best in the property of the same as herein expressed.

LOTOCE HOTOMY COM	veyed by the are tree and creat of any efficienciance, and the	ALT HEAT !		
Signed at	Indianapolis, Indiana	Date	3/12/01	
Inventor (1)	Mark Francis Rumreich		Mark Faure Rums Rums	
Post Office Address 10308 Indian Lake Blvd. S., Indianapelis, Indiana 46236, U.S.A.				
1st Witness	Charise Antoinnette Da	UKS	Signature of Pulit. No initialism	
2ndWitness	Elizabeth Ann Docson		(Signature in Full. No Initials.)	
Signed at	Indianapolis, Indiana	Date	3/13/01	
Inventor (2)	Ronald Thomas Keen (Type or Print)		(Signature in Full. No initials.)	
Post Office Address 1004 Saratoga Circle, Indianapolis, Indiana 46280, U.S.A.				
1st Witness (MUSI HOKNAH JA	INS	Sangharute Inffall. No initials.)	
2ndWitness	Type or Print)		(Signature M. Fuil. No Initials.)	
Signed at	(TYPE OF FIND)	Date		
		-		
Inventor (3)	(Type or Print)	-	(Signature In Full. No initials.)	
	Post Office Address			
1st Witness	(Type or Print)	-	(Signature in Full. No initials.)	
2ndWitness	(Type or Print)	_	(Signature in Full, No initials.)	

After this Assignment has been recorded please RETURN to:

Patent Operations THOMSON multimedia Licensing Inc. 2 Independence Way P. O. Box 5312 Princeton, NJ 08543-5312

Pat Form 7/00

RECORDED: 04/24/2001

PATENT REEL: 0.1.15.18 FRAME: 0.4.14