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KENNETH LEE PERDUE

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Execution Date April 8, 2003

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/US03/10400

2. Name and address of receiving party(ies):

Name: Thomson Licensing S.A.

Internal Address:

Street Address: 46 Quai A. Le Gallo  
F-92100 Boulogne-Billancourt, France

Additional name(s) & address(es) attached?

X No

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Yes

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5. Name and address of party to whom correspondence  
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Name: JOSEPH S. TRIPOLI  
Internal Address: PATENT OPERATIONS  
THOMSON LICENSING INC.

Street Address: P. O. Box 5312

City: PRINCETON State: NEW JERSEY Zip: 08543-5312

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00

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PATENT  
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(PCT Priority Application)

PU020113

### ASSIGNMENT AND AGREEMENT

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 \_\_\_\_\_  
**CONTROL CIRCUIT**

and described in Docket No PU020113 and the thereupon-based International (Patent Cooperation Treaty) Application for patent about to be filed or  
lately filed by said corporation naming me/us as inventor(s).

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 the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions and  
application, and all the rights and privileges under any and all Patents 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,  
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  
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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  
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	<u>INDIANAPOLIS</u>	Date	<u>April 8, 2003</u>
Inventor (1)	<u>KENNETH LEE PERDUE</u> (Type or Print)		<u>Kenneth Lee Perdue</u> (Signature in Full. No initials.)
Post Office Address	<u>1417 Carey Court, Carmel, Indiana 46032 USA</u>		
1st Witness	<u>Charisse Antoinette Dours</u> (Type or Print)		<u>Charisse Antoinette Dours</u> (Signature in Full. No initials.)
2nd Witness	<u>Elizabeth Ann Jackson</u> (Type or Print)		<u>Elizabeth Ann Jackson</u> (Signature in Full. No initials.)
Signed at	_____	Date	_____
Inventor (2)	_____ (Type or Print)		_____ (Signature in Full. No initials.)
Post Office Address	_____		
1st Witness	_____ (Type or Print)		_____ (Signature in Full. No initials.)
2nd Witness	_____ (Type or Print)		_____ (Signature in Full. No initials.)
Signed at	_____	Date	_____
Inventor (3)	_____ (Type or Print)		_____ (Signature in Full. No initials.)
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