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FC-RM PTO-1595
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PTO/POT Rec'd 09 NOV 2000

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To the Honorable Assistant Commissioner for Patents: Please

1. Name of conveying party(ies):
CHARLES MICHAEL WHITE
WILLIAM ADAMSON LAGONI

Additional name(s) of conveying party(ies) attached: Yes No X

3. Nature of conveyance:
Assignment X Merger
Security Agreement Change of Name
Other

Execution Date: October 10 and 19, 2000

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/US97/22765
US 09/581,415

Additional numbers attached? Yes No X

Name: THOMSON Licensing S.A.
Internal Address: 46 Quai A. Le Gallo
F-92648 Boulogne Cedex, France

Street Address:

City: State: Zip:

Additional name(s) & address(es) attached? Yes No X

B. Patent No.(s)

09581415

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: JOSEPH S. TRIPOLI
Internal Address: PATENT OPERATIONS-
THOMSON MULTIMEDIA LICENSING INC.

Street Address: PO 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

Enclosed

X Authorized to be charged to deposit account

8. Deposit account number:
07-0832

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

PAUL P. KIEL
Name of Person Signing

Paul Kiel
Signature

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Date

Total number of pages including cover sheet, attachments, and document: 3

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11/14/2000 ERIMAND0 00000033 070832 09581415

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PATENT
REEL: 011282 FRAME: 0086

ASSIGNMENT AND AGREEMENT

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 2 joint inventors (if plural inventors are named below) of the inventions relating to

DISPLAY DRIVER APPARATUS

and described in RCA Docket No 88173 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 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 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 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 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>2348 N. IRIS LANE</u> <u>ESCONDIDO, CA 92026</u>	Date	<u>10/10/2000</u>
Inventor (1)	<u>CHARLES MICHAEL WHITE</u> (Type or Print)	<u>Charles Michael White</u> (Signature in Full. No initials.)	
Post Office Address	<u>2348 North Iris Lane, Escondido, California 92026 USA</u>		
1st Witness	<u>MARTHA SMITH WHITE</u> (Type or Print)	<u>Martha Smith White</u> (Signature in Full. No initials.)	
2nd Witness	<u>Barry Alan Jesinoski</u> (Type or Print)	<u>Barry Alan Jesinoski</u> (Signature in Full. No initials.)	
Signed at	<u>WILLIAM ADAMSON LAGONI</u> (Type or Print)	Date	_____
Inventor (2)	_____	_____ (Signature in Full. No initials.)	
Post Office Address	<u>4704 West 81st Place, Indianapolis, Indiana 46468 USA</u>		
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.)	
Post Office Address	_____		
1st Witness	_____ (Type or Print)	_____ (Signature in Full. No initials.)	
2nd Witness	_____ (Type or Print)	_____ (Signature in Full. No initials.)	

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THOMSON multimedia Licensing Inc.
PO Box 5312
Princeton, NJ 08543-5312

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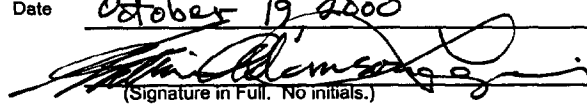
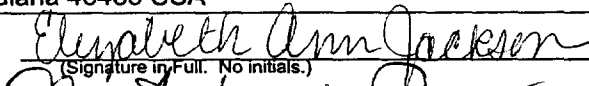
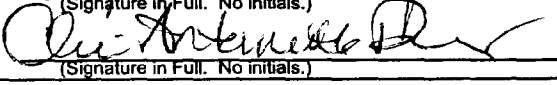
I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said 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 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 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 henceforth be substituted for it.

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Signed at	_____	Date	_____
Inventor (1)	<u>CHARLES MICHAEL WHITE</u> (Type or Print)		_____ (Signature in Full. No initials.)
Post Office Address	<u>2348 North Iris Lane, Escondido, California 92026 USA</u>		
1st Witness	_____		_____ (Signature in Full. No initials.)
2nd Witness	_____		_____ (Signature in Full. No initials.)
Signed at	<u>INDIANAPOLIS, INDIANA</u>	Date	<u>October 19 2000</u>
Inventor (2)	<u>WILLIAM ADAMSON LAGONI</u> (Type or Print)		 (Signature in Full. No initials.)
Post Office Address	<u>4704 West 81st Place, Indianapolis, Indiana 46468 USA</u>		
1st Witness	<u>Elizabeth Ann Jackson</u> (Type or Print)		 (Signature in Full. No initials.)
2nd Witness	<u>Chaise Antikindas</u> (Type or Print)		 (Signature in Full. No initials.)
Signed at	_____	Date	_____
Inventor (3)	_____		_____ (Signature in Full. No initials.)
Post Office Address	_____		
1st Witness	_____		_____ (Signature in Full. No initials.)
2nd Witness	_____		_____ (Signature in Full. No initials.)

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