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DRM COVER SHEET
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To the Honorable Assistant (100732537

one attached original documents or copy thereof.

1. Name of conveying party(ies):

Werner Boie

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

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

Name: Thomson multimedia S.A.
Internal Address:
9 Place des Vosges
La Defense 5
Street Address: F-92400 Courbevoie
France

City: State: Zip:

3. Nature of conveyance:

Assignment X Merger
Security Agreement Change of Name
Other

Execution Date: Oct. 15, 1996

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

08/582,852

B. Patent No.(s)

Additional numbers attached? Yes No X

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: JOSEPH S. TRIPOLI
Internal Address: PATENT OPERATIONS-GE AND RCA
LICENSING MANAGEMENT OPERATION, INC.

Street Address: CN 5312

City: PRINCETON State: NEW JERSEY Zip :08543-0028

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

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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.

Frederick A. Wein

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Assistant Commissioner for Patents
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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Werner Boie, Im Belli 46, D-78086 Brigachtal, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

CIRCUIT FOR A/D CONVERSION OF A VIDEO RF OR IF SIGNAL

for which said assignor has caused an application for United States Letters Patent to be prepared,

- () 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;
- (xx) said application having been filed in the United States Patent and Trademark Office on January 04, 1996 Serial Number 08/582,852;

AND WHEREAS

THOMSON multimedia S.A.
9, Place des Vosges
La Defense 5
F-92400 Courbevoie
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.

PATENT

REEL: 9240 FRAME: 0844

EXECUTED, this 15 day of October, 1998.

WITNESSES:

Signature: Rolf Kenter

Name:

Address:

ASSIGNOR:

Signature: W. Boie

Name: Werner Boie

Signature: [Signature]

Name:

Address: