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EESS MAIL LABEL NO. EL685391725US		09/86945	
FORM PTO-1595 9-21-95	10-15-2	EDCE	
09/869457 RECORDATION			
To the Honorable Assistant Commissioner for Patents: Please record the attached origin	al		
1. Name of conveying party(ies): ALI LOUZIR	T2 101872 Name: THOMSON multimedia Internal Address:	914	
Additional name(s) of conveying party(ies) attached: Yes No X O 2/ 2 5/O/	Street Address: 46 Quai A. Le 0 F-92100 Boulogr	Gallo e-Billancourt, France	
3. Nature of conveyance:       Assignment       X         Assignment       X       Merger         Security Agreement       Change of Name         Other       Other	City:	State:	Zip:
Execution Date 13 June 2001	Additional name(s) & address(es	) attached? Ye	es No X
<ul> <li>Application number(s) or patent number(s):         <ul> <li>If this document is being filed together with a new application, the execution date of</li> <li>A. Patent Application No.(s) FR 9814741</li></ul></li></ul>	the application is: B. Patent No.(s)		
Additional numbers attached? Yes	No X		
<ul> <li>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.</li> </ul>	<ul> <li>6. Total number of applications a</li> <li>7. Total Fee (37 CFR 3.41): <u>Enclosed</u> <u>X</u> Authorized to be chained</li> </ul>	and patents involved:1	
Street Address: PO Box 5312	8. Deposit account number:	ged to deposit account	
	07-0832		
City: PRINCETON State: NEW JERSEY Zip :08543-5312 DO NOT USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct copy of the original document. <u>KUNIYUKI AKIYAMA</u> Name of Person Signing		Sept. 25, 2001 Date	
Total number of pages including cover sheet, attachments, and document	: 3		
OMB No. 0651-0011 (exp. 4/94) DO NOT 1	DETACH THIS PORTION		
	Commissioner for Patents Box Assignments Ishington, D.C. 20231		
Public burden reporting for this sample cover sheet is estimated to average about 30 including time for reviewing the document and gathering the data needed, and comp sheet. Send comments regarding this burden estimate to the U.S. Patent and Traden Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management a (0651-0011), Washington, D.C. 20503.			
(			

PATENT REEL: 012235 FRAME: 0363

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Ali Louzir, 6 rue de la Godmondière, F-35000 Rennes, France ; referred to as the assignor, have invented a certain improvement relating to

## "TELECOMMUNICATIONS DEVICE WITH SHAPED ELECTRONIC SCANNING ARRAYS AND ASSOCIATED TELECOMMUNICATIONS TERMINAL "

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

- (XX) 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;
- () said application having been filed in the United States Patent and Trademark Office on Serial Number

## AND WHEREAS

## THOMSON multimedia 46 Quai A. Le Gallo F-92100 Boulogne Billancourt 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.

time 13 , 2001. EXECUTED, this \_\_\_\_\_ day of\_\_\_\_  $\nu$ ASSIGNOR: WITNESSES: Signature: KObel Signature: Name: ROBERT M Name: Ali Louzir Address: 2me Pour Ganouris Bettan. France.

Signature:

Name: LE BOLZER F. Address: 13 rue J. CASSARD 35000 BENNES, France