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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.

EXECUTED, this _____ day of June 13th, 2001.

WITNESSES:

Signature: Robert

Name: ROBERT M
Address: 2 rue Paul Gauguain
Bethan. France.

Signature: Le Robert

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

ASSIGNOR:

Signature: [Signature]

Name: Ali Louzir