

EXHIBIT 27



Handwritten notes: 110, 893, 5/2/91

Handwritten #14 and RECEIVED stamp dated MAY -9 1991.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
ART UNIT 235

Examiner Huy Nguyen

"Express Mail" mailing label number RB188710278
Date of Deposit: MAY 6, 1991

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" services under 37 CFR 1.10 on date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

William E. Hein

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

Richard A. Lang

CASE 211

SERIAL NO. 07/347,629

FILED May 5, 1989

SUBJECT AUDIO/VIDEO TRANSCEIVER APPARATUS INCLUDING COMPRESSION MEANS, RANDOM ACCESS STORAGE MEANS, AND MICROWAVE TRANSCEIVER MEANS

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

RECEIVED

MAY 09 1991

SIR:

GROUP 230

INFORMATION DISCLOSURE STATEMENT

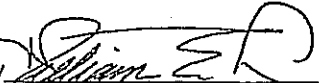
Pursuant to the provisions of 37 CFR 1.56, 1.97, and 1.98, as well as MPEP 609, applicant submits herewith a copy of U.S. Patent No. 4,506,387. Also enclosed is one sheet of Form PTO-1449 on which this reference is cited. This reference first came to applicant's attention on April 2, 1991, and was first discussed with applicant's undersigned attorney on April 9, 1991, following which applicant's attorney ordered the file history of this patent from the PTO and reviewed and discussed the subject matter thereof on several occasions with applicant and his technical associates before concluding on or about May 3, 1991, that the reference is material to the examination of the instant application. Therefore, applicant respectfully requests that the Examiner give consideration to this recently-discovered reference. A brief description of the relevance of the cited reference follows:

U.S. Patent No. 4,506,387 is directed to a programming-on-demand cable TV system in which a video program is divided into a number of segments and

stored in a segmented memory in compressed digital form. The stored video segments are then converted from electrical data to optical data and simultaneously transmitted over a plurality of parallel fiber optic transmission lines to a data receiving station, which then reconverts the optical data back to the original electrical data.

Respectfully submitted,

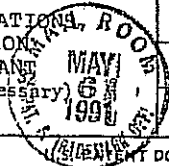
Richard A. Lang

By 

William E. Hein
Patent Attorney #26,465.

May 6, 1991
(303) 667-6741
Loveland, Colorado

<p>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. 211</p>	<p>SERIAL NO. 07/347,629</p>
<p>APPLICANT Richard A. Lang</p>		
<p>FILING DATE May 5, 1989</p>		<p>GROUP 235</p>



PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
HN	AA 4 5 0 6 3 8 7	3/1985	Walter	455	612				
	AB								
	AC								
	AD						RECEIVED		
	AE						MAY 09 1991		
	AF						GROUP 235		
	AG								
	AH								
	AI								
	AJ								
	AK								

FOREIGN PATENT DOCUMENTS									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
						YES	NO		
	AL								
	AM								
	AN								
	AO								
	AP								

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
	AR								
	AS								
	AT								

<p>EXAMINER <u>HUY NGUYEN</u></p>	<p>DATE CONSIDERED <u>6/4/1991</u></p>
<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p>	



UNITED STATES DEPARTMENT OF COMMERCE
 Patent and Trademark Office
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
07/347,629	05/05/89	LANG	R M914US
			EXAMINER

KENNETH E. LEEDS
 SKJERVEN, MORRILL, MACPHERSON,
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NGUYEN; H	
ART UNIT	PAPER NUMBER
235	15
DATE MAILED: 06/05/91	

NOTICE OF ALLOWABILITY

Supplemental

PART I

- This communication is responsive to prior art statement 5-6-91
- All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- The allowed claims are 26-30
- The drawings filed on _____ are acceptable.
- Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has [] been received. [] not been received. [] been filed in parent application Serial No. _____ filed on _____
- Note the attached Examiner's Amendment.
- Note the attached Examiner Interview Summary Record, PTO-413.
- Note the attached Examiner's Statement of Reasons for Allowance.
- Note the attached NOTICE OF REFERENCES CITED, PTO-892.
- Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
 - Drawing informalties are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948; attached hereto or to Paper No. _____ CORRECTION IS REQUIRED.
 - The proposed drawing correction filed on May 7, 1990 has been approved by the examiner. CORRECTION IS REQUIRED.
 - Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
 - Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- Examiner's Amendment
- Examiner Interview Summary Record, PTO-413
- Reasons for Allowance
- Notice of References Cited, PTO-892
- Information Disclosure Citation, PTO-1449
- Notice of Informal Application, PTO-152
- Notice re Patent Drawings, PTO-948
- Listing of Banded Draftsmen
- Other

[Signature]
 Roy N. Envall, Jr.
 Supervisory
 Patent Examiner
 Art Unit 235