IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)		
	)		
John C. Harvey and James W. Cuddihy	)	Examiner:	Groody, J.
	)		
Serial No. 08/460,711	)	Group Art Unit:	2619
	)		
Filed: June 2, 1995	)	Atty Dkt.	5634.212
	)		
For: **SIGNAL PROCESSING APPARATUS**	)		
AND METHODS	)		
	)		

Honorable Commissioner of Patents
    and Trademarks
Washington, D.C. 20231

Sir:

AMENDMENT AND REQUEST FOR RECONSIDERATION

In response to the Office Action mailed July 22, 1996 in the above-captioned application (PTO File Wrapper Paper No. 2), Applicants submit the following Amendment and Remarks.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, then such extensions of time are hereby petitioned under 37 CFR § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Howrey & Simon Deposit Account No. 08-3038.

I.   AMENDMENT

Kindly enter the following amendment:

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In the Claims:

[Please amend the claims as follows:]

2.   (Amended)   A method of television signal processing at a receiver station, (said receiver station having a plurality of processors) and a digital switch, said method comprising the steps of:

[programming a control processor to control said digital switch on the basis of information contained in messages;]

receiving an information transmission containing [a] digital television signals and a message stream;

detecting [a] said message stream in said information transmission;

inputting a plurality of commands received in said message[s] stream to [said] a control processor;

selecting said digital television signals contained in said [message stream] information transmission in response to [some] said commands, [information,] said selected digital television signals being information segments of said information transmission [message stream];

controlling said digital switch to communicate each selected digital television signal to a signal processor;

processing said digital television signals to communicate [and communicating] video and audio signals to a television monitor.

3.   (Amended)   A method of delivering programming at [a video or audio programming storage station] said storage station comprising one or more storage locations capable of storing video or audio programming, a transmission device capable of communicating video or audio programming to or from said one or more storage

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locations, and a processor capable of controlling at least one of said one or more storage locations to receive, store, or communicate video or audio programming or capable of controlling said transmission <u>device</u> to communicate video or audio programming, comprising the steps of:

(1)   receiving a signal comprising video or audio programming, said signal comprising video or audio programming containing one of [an] <u>(i) a first</u> intermediate generation set and <u>(ii) at least some of</u> a program instruction set;

(2)   receiving a <u>first</u> control signal which [operates at] <u>causes</u> a transmitter station to <u>communicate said signal</u> comprising video or audio programming to a transmitter; and

(3)   [transmitting said <u>first</u> intermediate generation set, said [one of said] <u>first</u> intermediate generation set to be stored at said video or audio programming storage station. [in respect of said video or audio programming.]

4.   (Amended)   A method of delivering programming at a video or audio programming storage station, said storage station comprising one or more storage locations capable of storing video or audio programming, a transmission <u>device</u> capable of communicating video or audio programming to or from said one or more storage locations, and a processor capable of controlling at least one of said one or more storage locations to receive, store, or communicate video or audio programming or capable of controlling said transmission <u>device</u> to communicate video or audio programming, comprising the steps of:

(1)   receiving a signal comprising <u>first</u> video or audio programming <u>and</u> containing one of [an] <u>(i) a first</u> intermediate generation set and <u>(ii) at least some of</u> a program instruction set; and

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(2)   causing said <u>first</u> intermediate generation set to be communicated to a transmitter at a specific time, thereby to transmit said <u>first</u> intermediate generation set, said <u>first</u> intermediate generation set to be stored at said video or audio programming storage station. [in respect of said video or audio programming.]

5.   (Amended)   A method of delivering programming at a video or audio programming storage station, said storage station comprising one or more storage locations capable of storing <u>said</u> video or audio programming, a transmission <u>device</u> capable of communicating <u>said</u> video or audio programming to or from said one or more storage locations, and a processor capable of controlling at least one of said one or more storage locations to receive, store, or communicate <u>said</u> video or audio programming or capable of controlling said transmission <u>device</u> to communicate <u>said</u> video or audio programming, comprising the steps of:

receiving a signal containing <u>said</u> video or audio programming;

communicating said signal containing <u>said</u> video or audio programming to at least one of said one or more storage locations;

storing said signal containing <u>said</u> video or audio programming at said at least one of said one or more storage locations; and

storing <u>one of (i)</u> an intermediate <u>generation set and (ii) at least some of a program</u> instruction set [in respect of said video or audio programming] at said video or audio programming storage station.

Please add the following new claims:

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6. The method of claim 2, further comprising the step of programming said control processor to control said digital switch on the basis of information contained in said message stream.

7. The method of claim 2, wherein said television signals include part of a television program, said method further comprising the steps of:

generating a balance of said television program; and

synchronizing delivery of said received part of a television program and said generated balance of said television program at one of a television monitor and a television storage device.

8. The method of claim 7, wherein a memory is operatively connected to said one of a television monitor and a television storage device, said generated balance of said television program includes a receiver specific datum, and said step of synchronizing comprises storing said receiver specific datum in said memory and clearing at least some of said memory.

9. The method of claim 7, wherein a memory is operatively connected to said one of a television monitor and a television storage device, and said step of synchronizing comprises setting a visible background color at some or all of said memory and producing a combined or sequential presentation of said received part of a television program and said visible background color.

10. The method of claim 9, further comprising the step of detecting one or more processor instructions in said information transmission which operate to generate said balance or synchronize said presentation.

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