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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : John C. Harvey and James W. Cuddihy

Serial No. : 08/480,392

Docket No. : 5634.310

Filed : June 7, 1995

For : SIGNAL PROCESSING APPARATUS AND METHODS

Group Art Unit : 2611

Examiner : Bhavesh M. Mehta

Confirmation No.: 9205

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Commissioner for Patents
Washington, DC 20231

Transmitted herewith is a Petition for Three Month Extension of Time Under 37 C.F.R. § 1.136, and an Amendment and Request for Reconsideration Under 37 C.F.R. § 1.111.
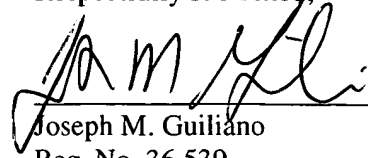
CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Previously Paid For	Extra	Rate		Amount
				Large Entity	Small Entity	
Number of Claims in Excess of 20	45	92	0	$ 18.00	$ 9.00	$ 0.00
Independent Claims in Excess of 3	6	12	0	$ 84.00	$ 42.00	$ 0.00
First Presentation of Multiple Dependent Claims				$ 280.00	$ 140.00	$ 0.00
Extension Fee: a) One Month				$ 110.00	$ 55.00	$ 0.00
b) Two Months				$ 410.00	$ 205.00	$ 0.00
c) Three Months				$ 930.00	$ 465.00	$ 930.00
d) Four Months				$1450.00	$ 725.00	$ 0.00
e) Five Months				$1970.00	$ 985.00	$ 0.00
Other:						$ 0.00
TOTAL FEE DUE						$ 930.00

☐ No additional fee is required.
☒ A check in the amount of $ __930.00__ is attached.
☐ Charge $ _____ to Deposit Account No. 06-1075.
☒ Charge any additional fees or credit any overpayment to Deposit Account No. 06-1075.

Small Entity Status Claim:
☐ is hereby requested.
☐ is of record in this application.

Date: __March 3, 2003__

Respectfully submitted,

Joseph M. Guiliano
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AMENDMENT AND REQUEST FOR RECONSIDERATION UNDER 37 C.F.R. § 1.111

I. AMENDMENT

This Amendment and Request for Reconsideration replies to the Office action mailed September 3, 2002. Applicants respectfully request that the following amendments be entered into the above-captioned application:

Please amend claims 3-7, 20-22, 30-40, 42, 45, 46, 51-53, 55, 57-64, 68, 73, 74, 82-86, and 93 as follows.

Please cancel claims 8-15, 17, 18, 72, and 87-89 without prejudice.

Claims 54 and 56 remain unchanged.

Claims 3-7, 20-22, 30-40, 42, 45, 46, 51-64, 68, 73, 74, 82-86, and 93 are pending.

3.   (Twice Amended)   A method for storing programming at a programming storage station, said storage station having a storage device capable of storing programming, and an automatic control unit for controlling said storage device to store information, said method comprising the steps of:

storing a control signal operative to store programming;

locating an available programming storage space among a plurality of available storage spaces based on said stored control signal operative to store programming; and

storing first programming at said located available programming storage space.

4.   (Twice Amended)   The method of claim 3, wherein said control signal operative to store programming designates programming required at a future time, said method further comprising the step of

identifying required programming.

5.   (Twice Amended)   The method of claim 3, wherein said control signal operative to store programming designates programming required at a future time, said method further comprising the step of

identifying programming which is not required.

6.   (Twice Amended)   The method of claim 3, further comprising the step of comparing information received at said programming storage station to said control signal operative to store programming.

7.   (Twice Amended)   The method of claim 3, further comprising the steps of:

inputting a portion of a stored signal to said automatic control unit; and

processing said inputted portion to locate said available programming storage space.

20. (Amended) The method of claim 3, wherein said first programming includes an incomplete programming element, and second programming operates to complete said incomplete programming element by processing a class of data, said method further comprising the step of

receiving a control signal which designates said incomplete programming element or said class of data.

21. (Amended) The method of claim 20, wherein said class of data designates programming transmitter data, said method further comprising the step of

receiving and storing said programming transmitter data.

22. (Amended) The method of claim 20, wherein said class of data designates subscriber data, said method further comprising the step of

storing subscriber data.

30. (Amended) The method of claim 3, wherein a control signal causes said automatic control unit to control a peripheral device, said method further comprising the step of

receiving and storing said control signal.

31. (Twice Amended) The method of claim 30, wherein said peripheral device comprises a switch operatively connected to said storage station.

32. (Amended) The method of claim 30, wherein said peripheral device comprises a memory operatively connected to said storage station.

33. (Amended) The method of claim 30, wherein said first programming is received in a television signal, said method further comprising the step of

detecting an identifier that identifies a portion of said first programming.

34.   (Amended)   The method of claim 33, wherein said television signal comprises an analog television signal.

35.   (Amended)   The method of claim 30, wherein said control signal is detected in a information transmission that contains said first programming, said method further comprising the step of

storing said control signal with said first programming.

36.   (Amended)   The method of claim 35, wherein said control signal is embedded in said information transmission.

37.   (Twice Amended)   A method for storing programming at a storage station, said storage station having a plurality of storage locations each capable of storing at least one of television and radio programming; a transfer device capable of communicating said at least one of television and radio programming to and from each of said plurality of storage locations; and a controller for controlling said plurality of storage locations and said transfer device, said method comprising the steps of:

receiving an information transmission including at least one of television and radio programming;

selecting a storage location;

transferring said received information transmission to said selected storage location;

storing said received information transmission at said selected storage location; and

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