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# (12) United States Patent

## Estipona

# (54) TIME SHIFTING ENHANCED TELEVISION TRIGGERS

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patent is extended or adjusted under 35 U.S.C. 154(b) by 1132 days.

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(51) **Int. Cl.** 

**H04N** 7/173 (2006.01)

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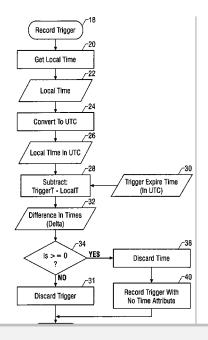
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#### (57) ABSTRACT

Enhanced television broadcasts including triggers with expires attributes may be utilized in a variety of situations where the expires attribute may adversely affect the utilization of the trigger. For example, in situations where the broadcast is recorded, playback may be enabled even after the trigger expiration. Similarly, local affiliates or FNOCs may rebroadcast enhanced television content by adjusting the expires attributes of the original trigger.

#### 30 Claims, 8 Drawing Sheets





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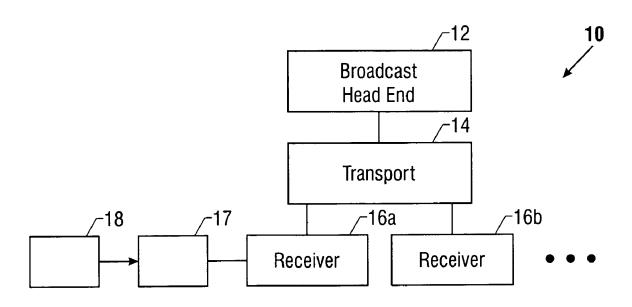
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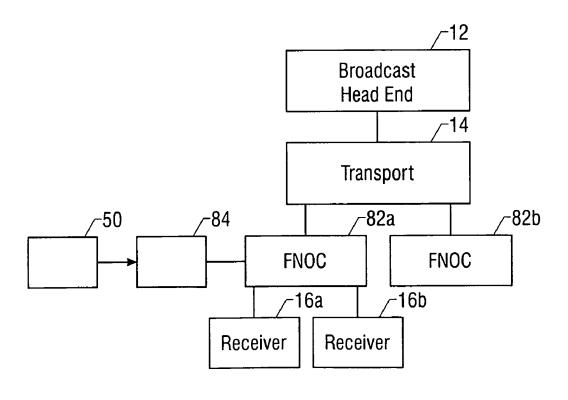
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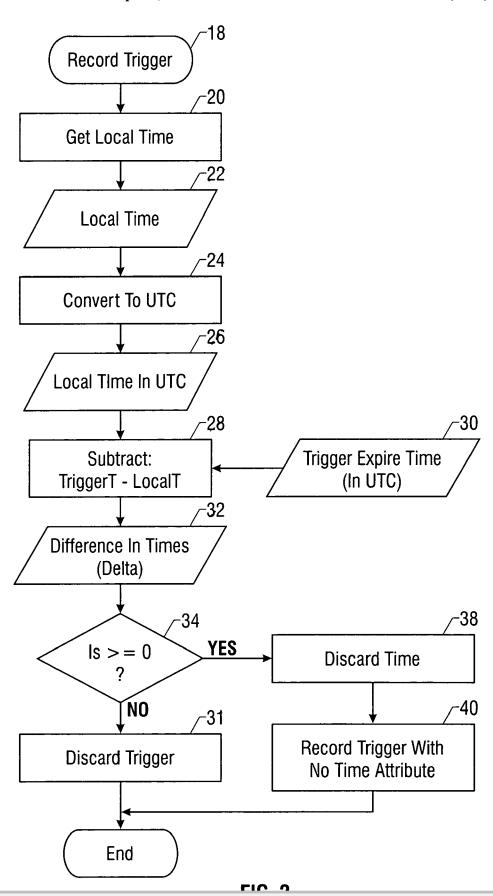


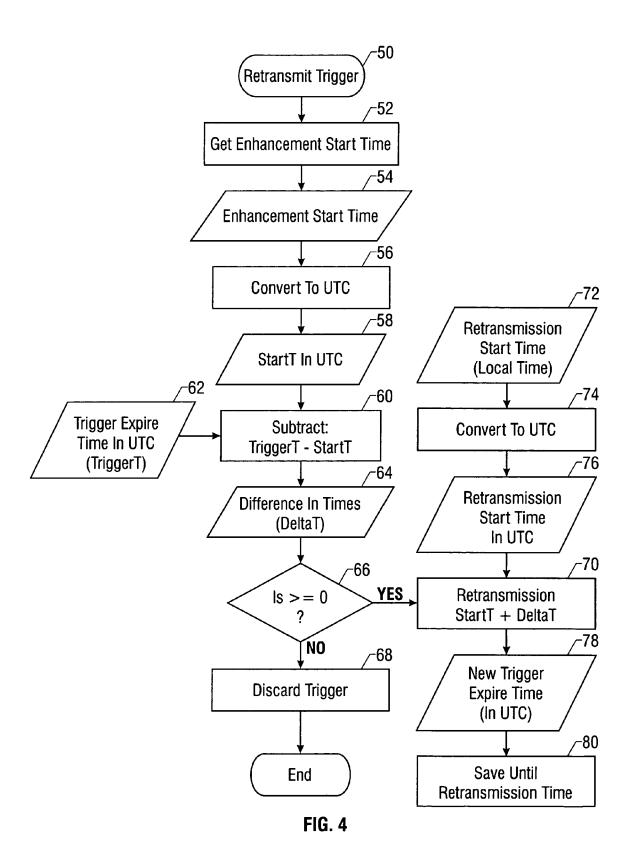
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FIG. 1



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