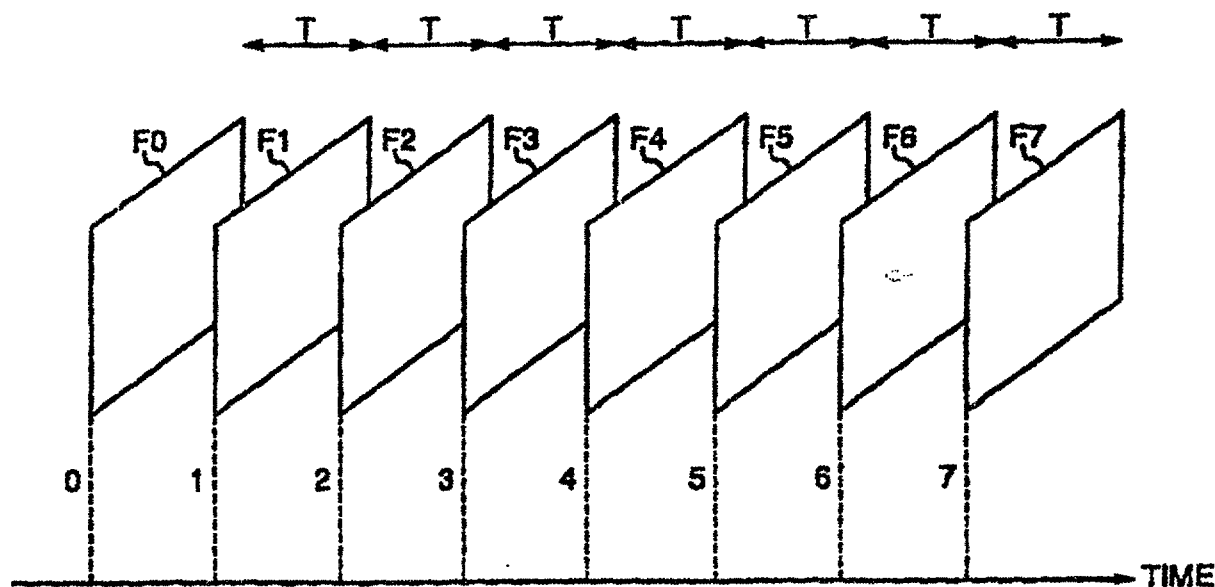




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(54) Title: METHOD FOR DISPLAY TIME STAMPING AND SYNCHRONIZATION OF MULTIPLE VIDEO OBJECT PLANES



(57) Abstract

A method of encoding a local time base embedded in the compressed data is disclosed. The local time base is encoded in two part. The first part has a modulo time base that indicates the specific interval in the reference time base and the second part has a time base increment relative to the reference time. Two forms of time base increment are used to allow for the possibility of different encoding order and displaying order. A mechanism for the synchronization of multiple compressed streams with local time base is also described. A time base offset mechanism is also used to allow finer granularity synchronization of the multiple compressed streams.