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(54) Title: SYSTEMS AND METHODS FOR PROVIDING OPTIMIZED TIME SCALES AND ACCURATE PRESENTATION TIME STAMPS

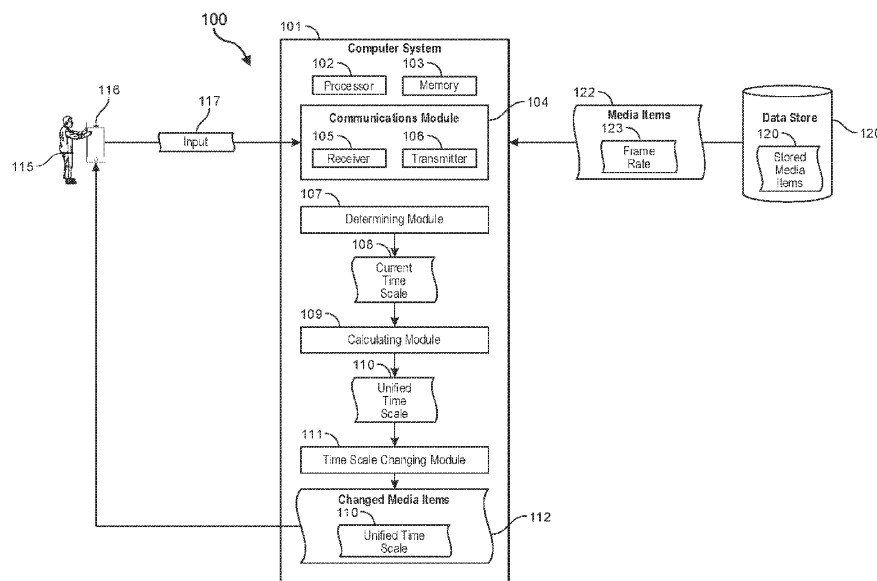


FIG. 1

(57) Abstract: The disclosed computer-implemented method includes determining, for multiple different media items, a current time scale at which the media items are encoded for distribution, where at least two of the media items are encoded at different frame rates. The method then includes identifying, for the media items, a unified time scale that provides a constant frame interval for each of the media items. The method also includes changing at least one of the media items from the current time scale to the identified unified time scale to provide a constant frame interval for the changed media item(s). Various other methods, systems, and computer-readable media are also disclosed.

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