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Yocum et al.

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(54) SYSTEM AND METHOD OF ADAPTIVE MESSAGE PIPELINING

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710/29-35, 129-131

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(52)	HS CL	710/52: 710/30: 710/131:

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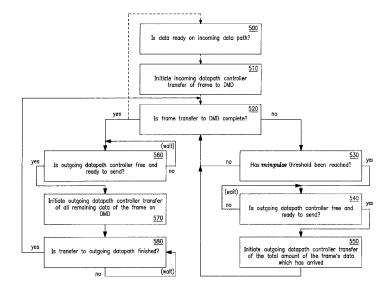
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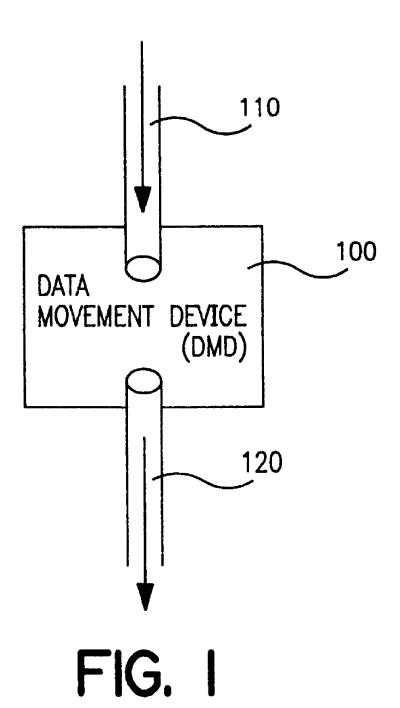
(57) ABSTRACT

A system and method termed adaptive message pipelining in which two or more data paths are joined by a data movement device. The data movement device has a data path controller for each incoming and outgoing data path. Adaptive message pipelining is a dynamic policy which adjusts between a store and forward data delivery method and a cut through delivery of data based upon network and I/O bus contention in order to decrease latency and maximize system throughput.

15 Claims, 8 Drawing Sheets









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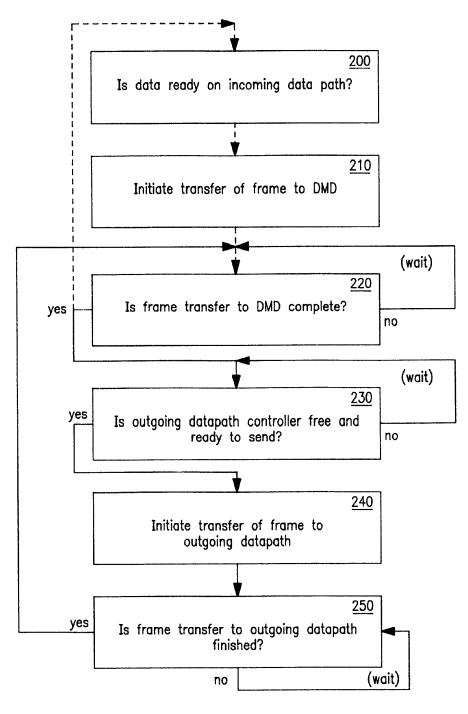
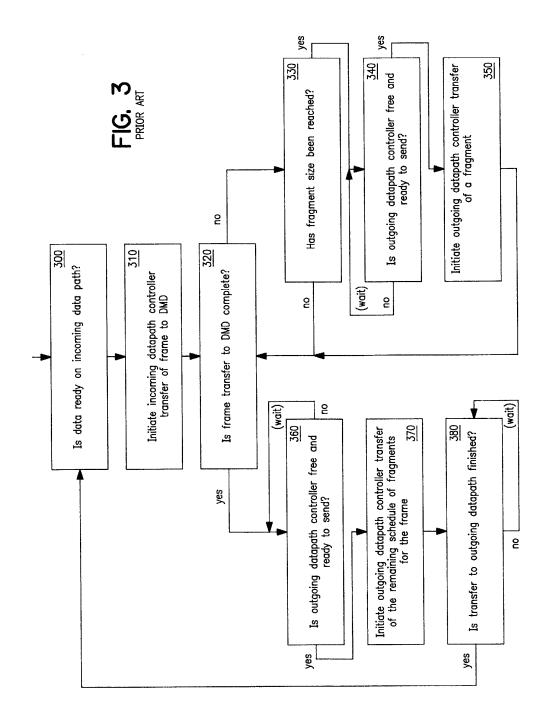
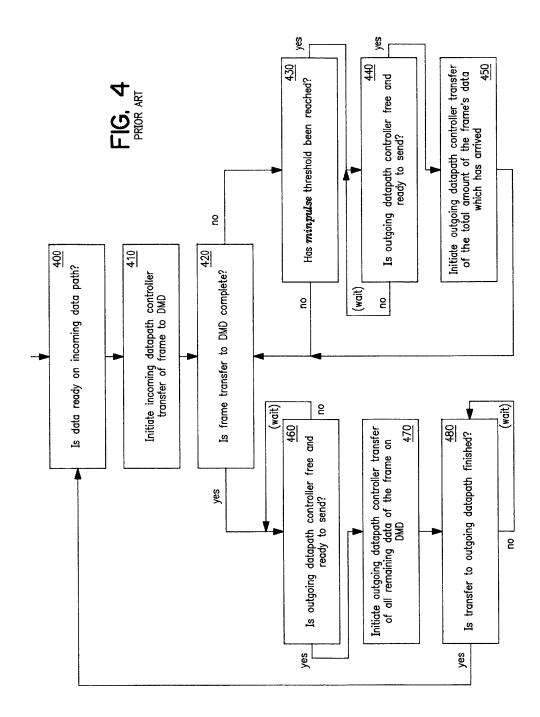


FIG. 2 PRIOR ART

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