## United States Patent [19]

#### Maclean et al.

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[54]	STORAGE CONTROLLER EMULATOR PROVIDING TRANSPARENT RESOURCE SHARING IN A COMPUTER SYSTEM		
[75]	Inventors:	William M. Maclean, Milton; Edward G. Agnew, Campbellville; Richard C. Madter, Puslinch, all of Canada	
[73]	Assignee:	516277 Ontario Limited, Ontario, Canada	
[21]	Appl. No.:	556,130	
[22]	Filed:	Nov. 29, 1983	
[51] [52] [58]	Int. Cl. G06F 13/12 U.S. Cl. 364/200 Field of Search 364/200 MS File, 900 MS File		
[56]	References Cited		

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	1106073	7/1981	Canada	*:		
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	Primary Examiner-Archie E. V					

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e E. Williams, Jr. Assistant Examiner-Florin Munteanu Attorney, Agent, or Firm-Kenyon & Kenyon

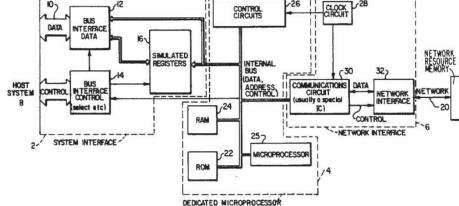
#### **ABSTRACT**

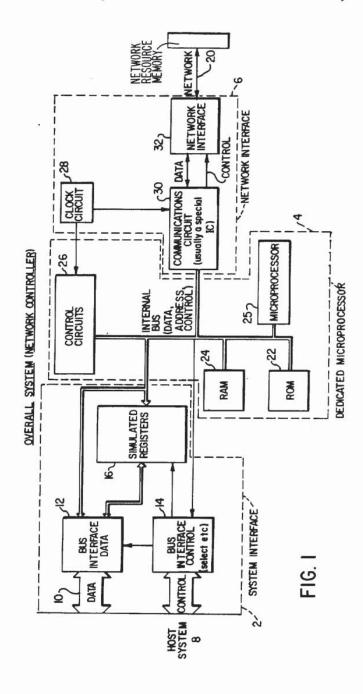
A microprocessor controlled mass storage controller is used as an interface for mass storage devices which are shared by a plurality of stand-alone microcomputer systems. The microprocessor controlled mass storage controller has a system interface which maintains communications with a host microcomputer; a dedicated microprocessor which maintains the internal control of the controller and a network interface which maintains an access to the external network. Data transparency and integrity are achieved through the simulation by the controller of the mass storage device characteristics

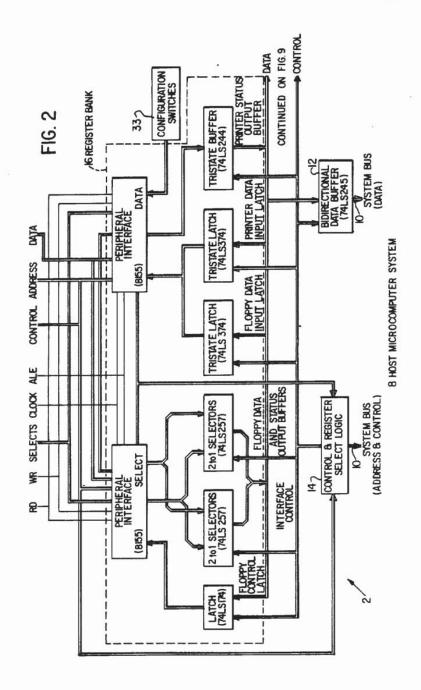
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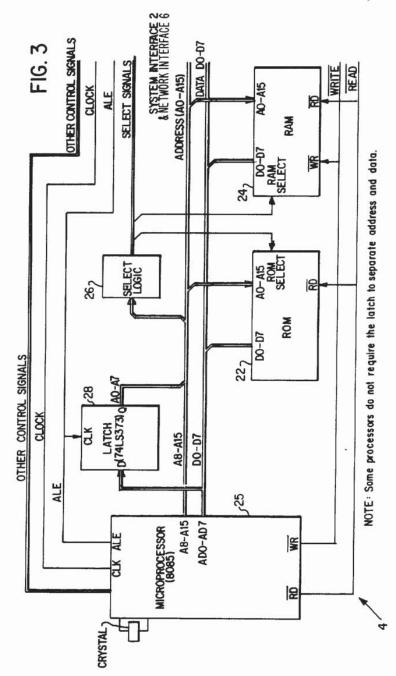
4,41	0,962		Daniels	364/900 364/200	and responses.
			Fukuda		6 Claims, 7 Drawin
			OVE	RALL SYSTEM	(NETWORK CONTROLLER)
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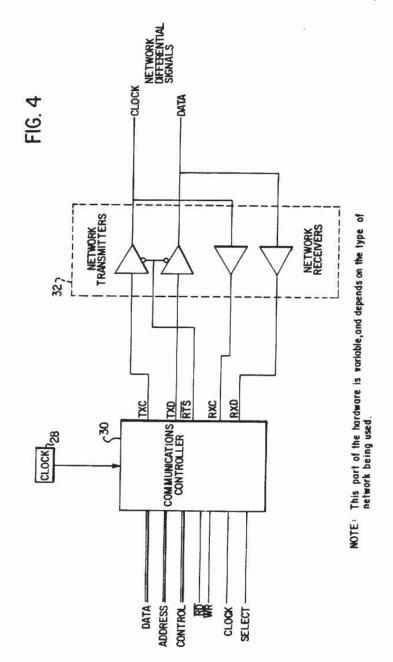
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