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[54] **MICROPROGRAMMABLE PROCESSOR CAPABLE OF ACCESSING UNUSED PORTIONS OF CONTROL STORE AS FAST DATA MEMORY**

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Related U.S. Application Data

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[57] ABSTRACT

A microprogrammable processor is capable of accessing unused portions of a control store as fast data memory. The microprogrammable processor includes a microsequencer that accesses microinstructions from either an internal control store or an external control store. These microinstructions control the operation of the microprogrammable processor. When the microsequencer accesses instructions from an internal control store, the microprogrammable processor is operable to access external control store as fast data memory.

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8 Claims, 6 Drawing Sheets

