

[54] APPARATUS, SYSTEM AND METHOD FOR SECURE, RECOVERABLE, ADAPTABLY COMPRESSED FILE TRANSFER

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[75] Inventors: Julian C. Anigbogu; Kim Reniska, both of Austin, Tex.

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[21] Appl. No.: 08/772,712

[22] Filed: Dec. 23, 1996

[51] Int. Cl.⁷ H04L 9/00

[57] ABSTRACT

[52] U.S. Cl. 380/9; 380/49; 341/51; 367/60; 704/501

The present invention provides a system for handling and transmitting a file over a communication channel wherein the file may be adaptably compressed to improve throughput. The invention also provides for a method of recovery in the event of a communication failure. The file may be encrypted while it is being transmitted. The compression and transmission may occur while the file is being written, so that the receiving location receives the data in near real time.

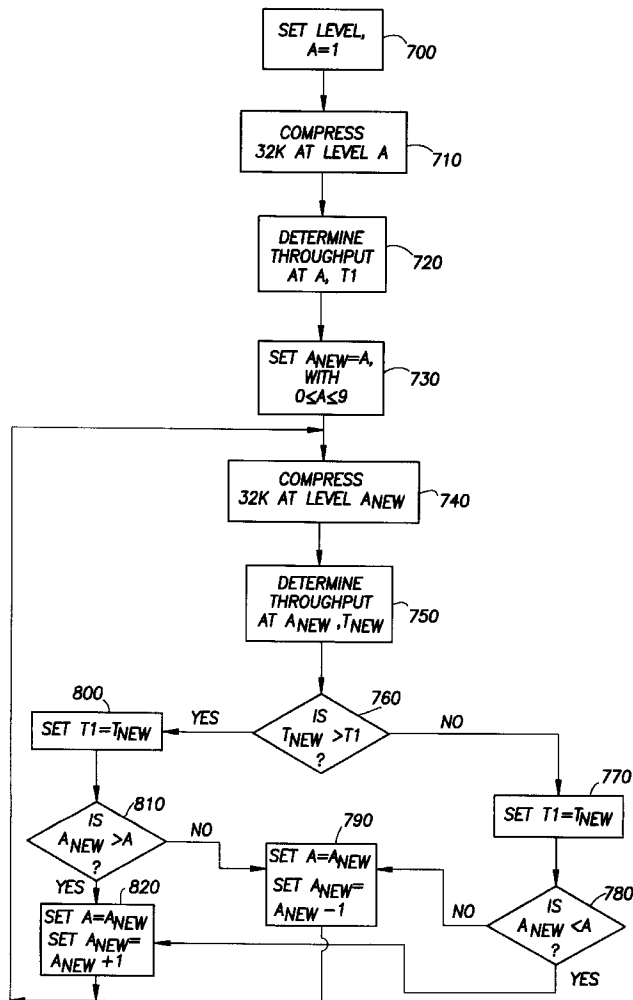
[58] Field of Search 380/9, 49; 395/600; 704/501; 341/51; 367/21, 60

[56] References Cited

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78 Claims, 13 Drawing Sheets



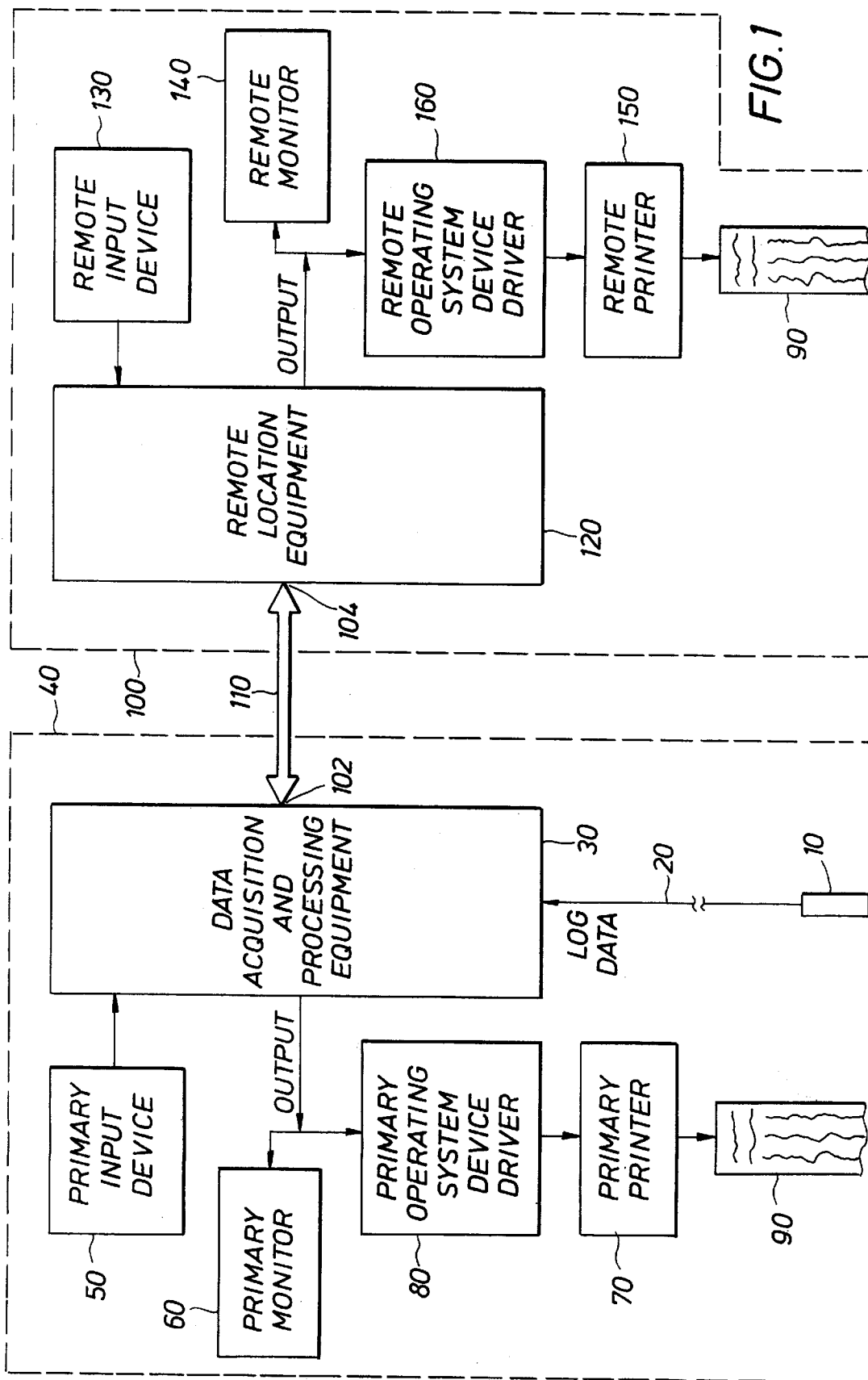
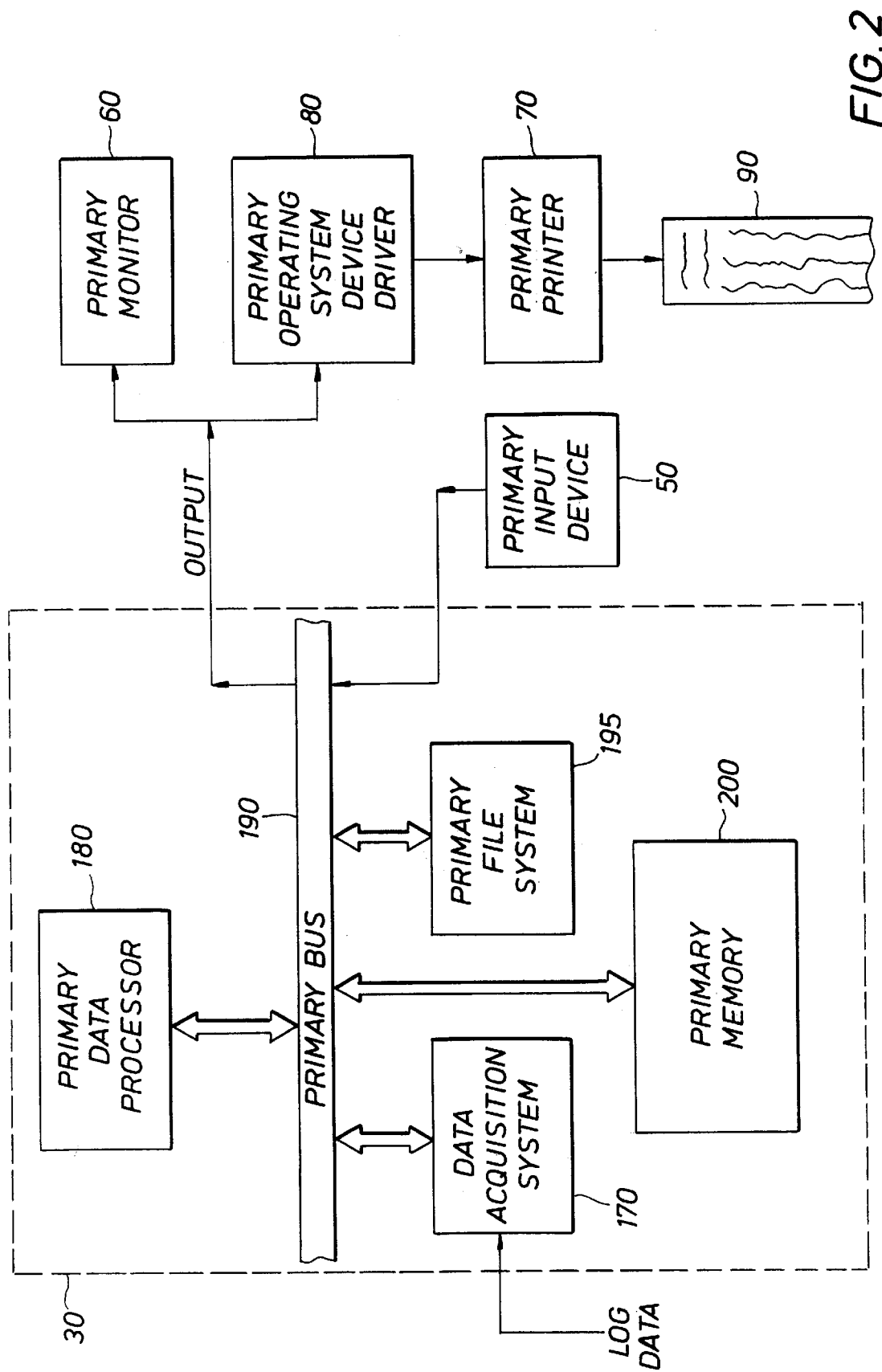


FIG. 1



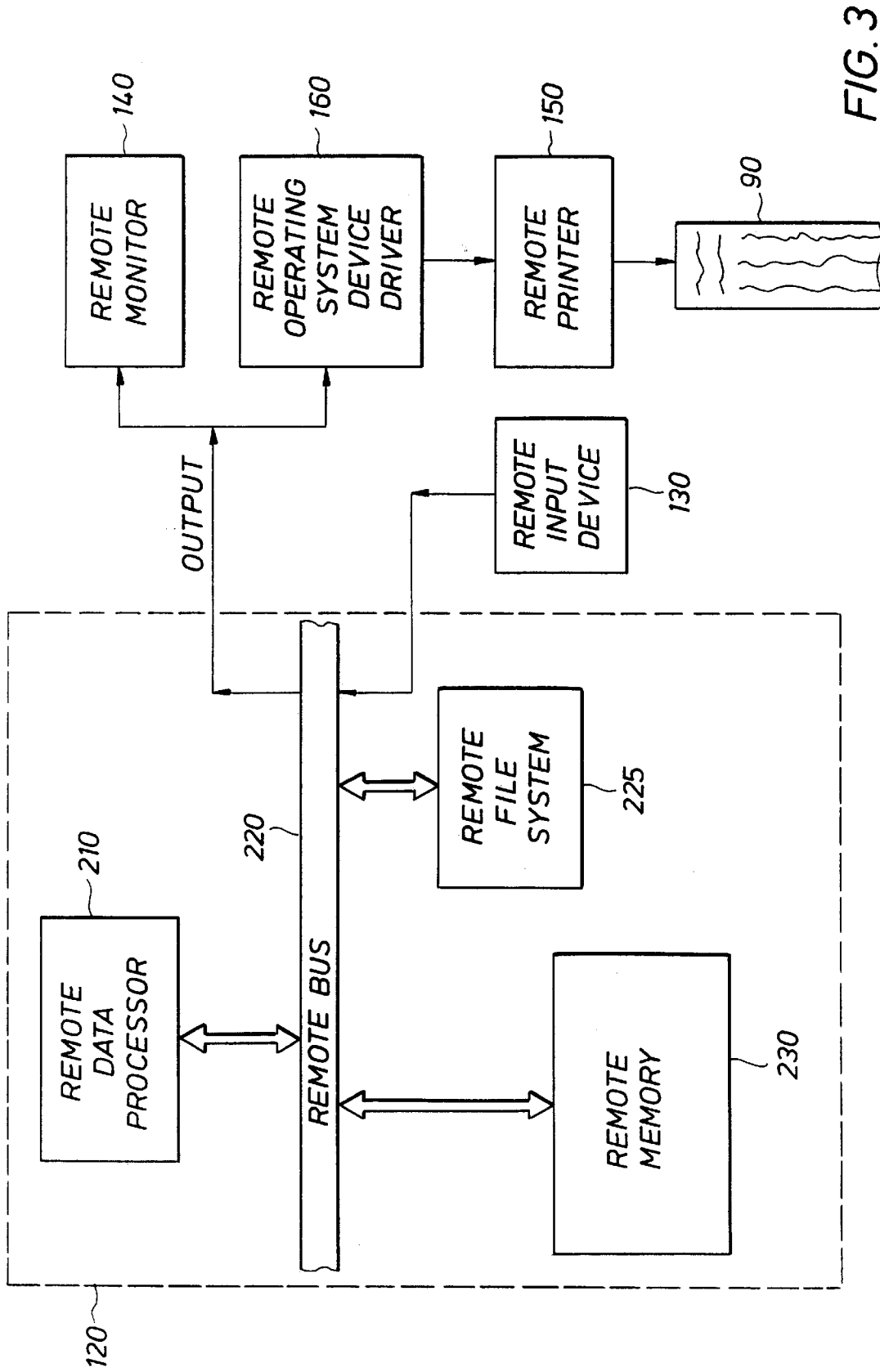


FIG. 4B

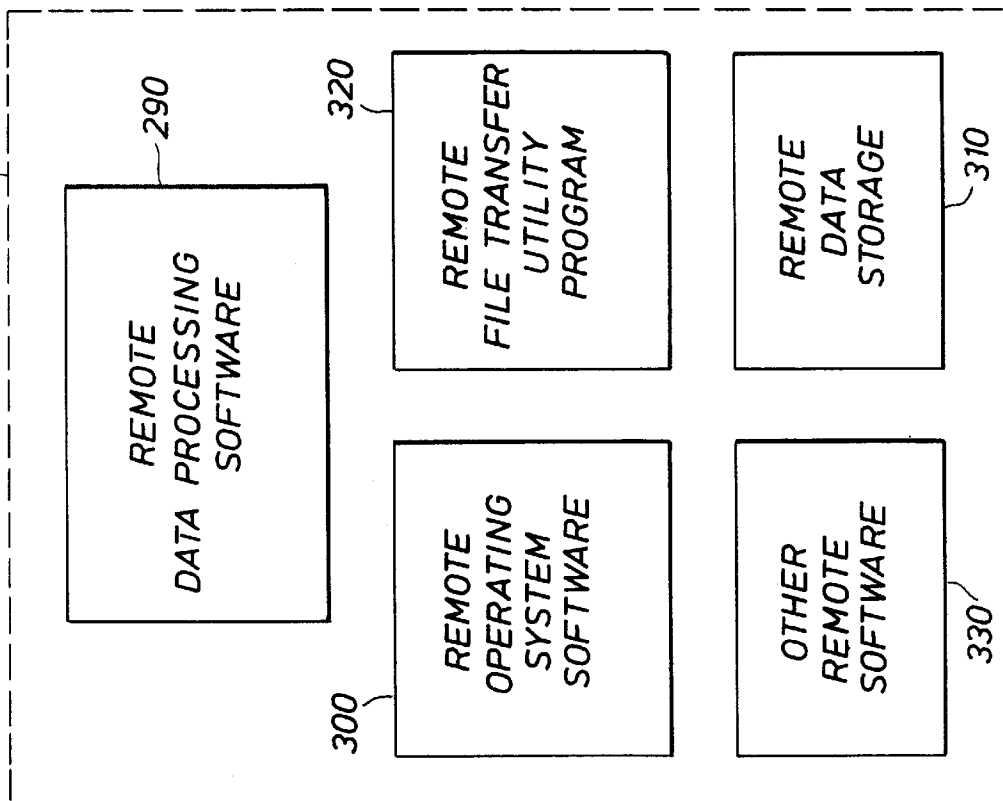
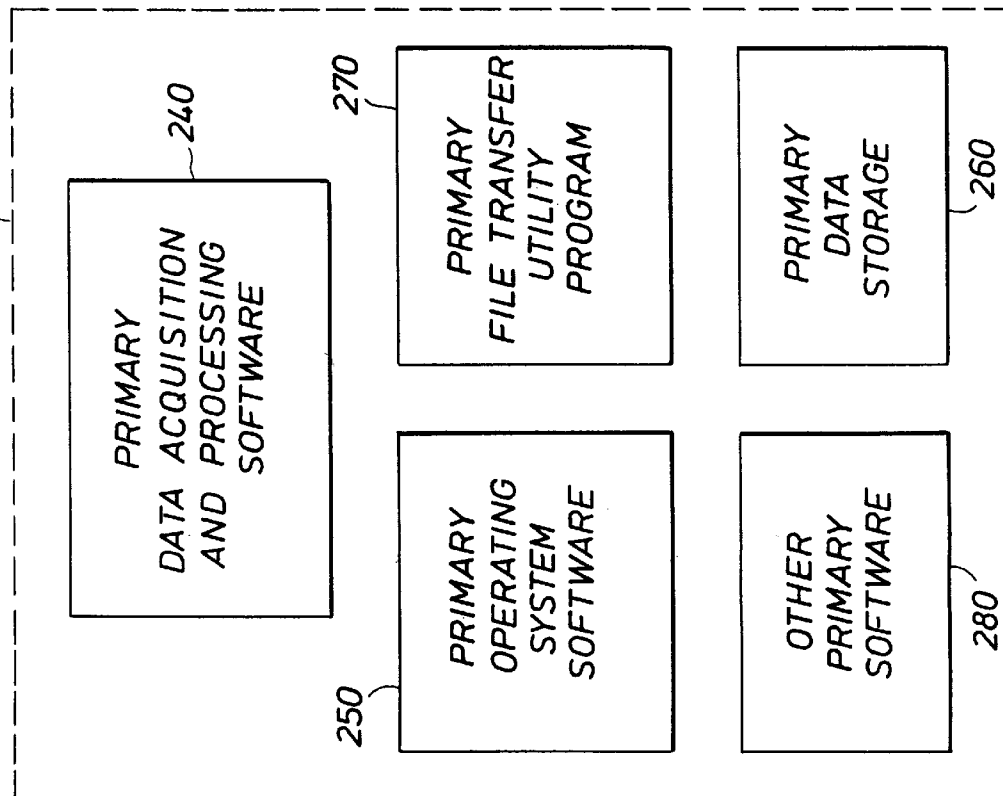


FIG. 4A



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