

[54] METHOD AND APPARATUS FOR MODIFICATION OF A PRERECORDED PROGRAMMED SEQUENCE OF MOTIONS DURING EXECUTION THEREOF BY A ROBOT

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[51] Int. Cl.<sup>3</sup> ..... G06F 15/46; G05B 19/42

[52] U.S. Cl. .... 364/513; 318/568; 364/193; 901/3; 901/7; 901/43

[58] Field of Search ..... 364/513, 474, 478, 171, 364/188, 189, 146, 147, 191, 192, 193; 318/568; 414/730, 744; 239/69, 70; 901/2-5, 7, 41-43

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U.S. PATENT DOCUMENTS

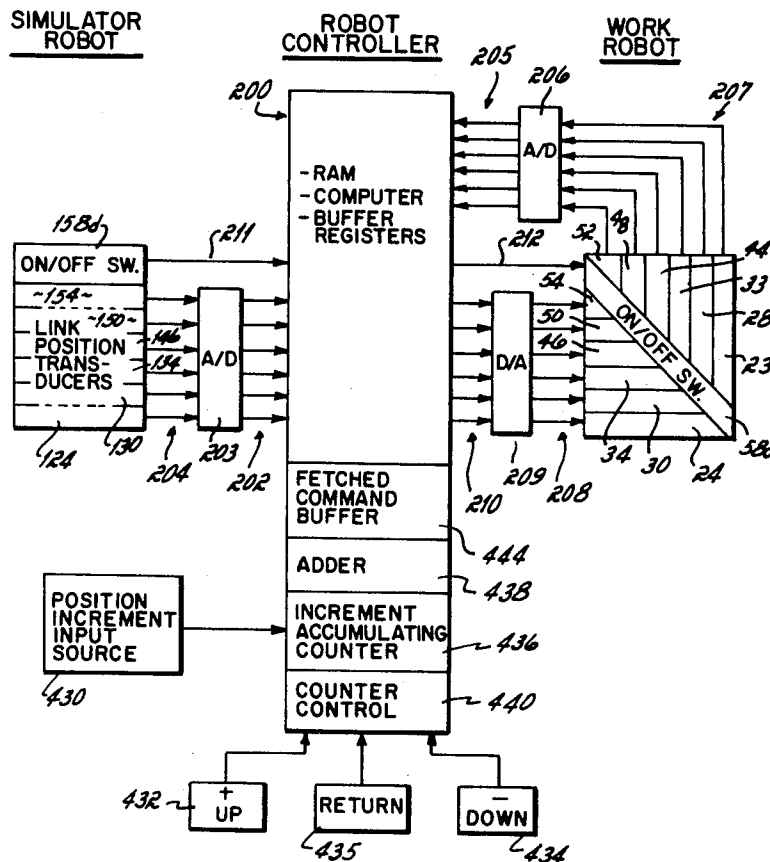
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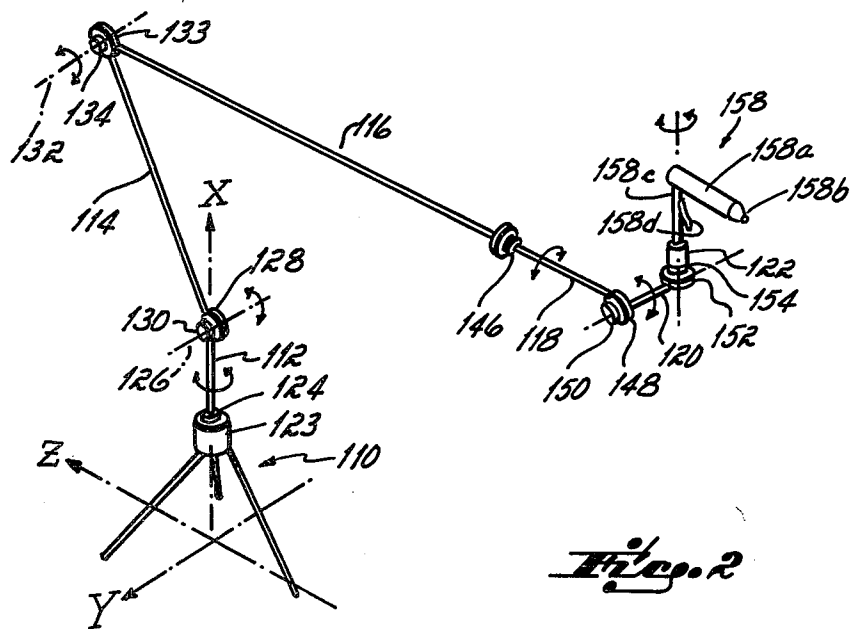
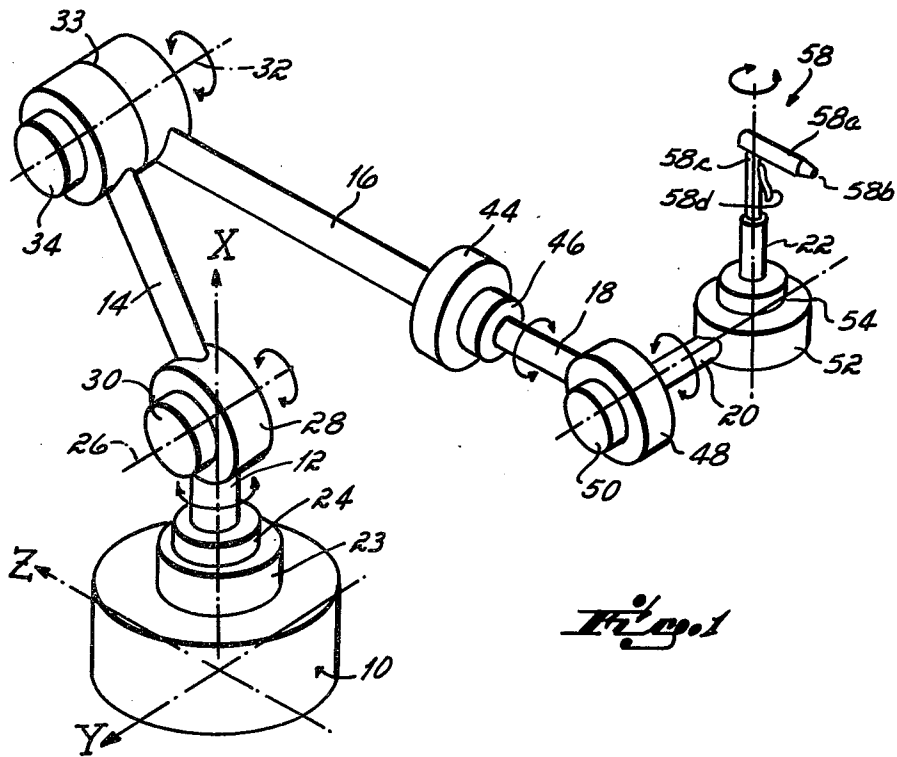
Primary Examiner—Joseph F. Ruggiero  
Attorney, Agent, or Firm—Wood, Herron & Evans

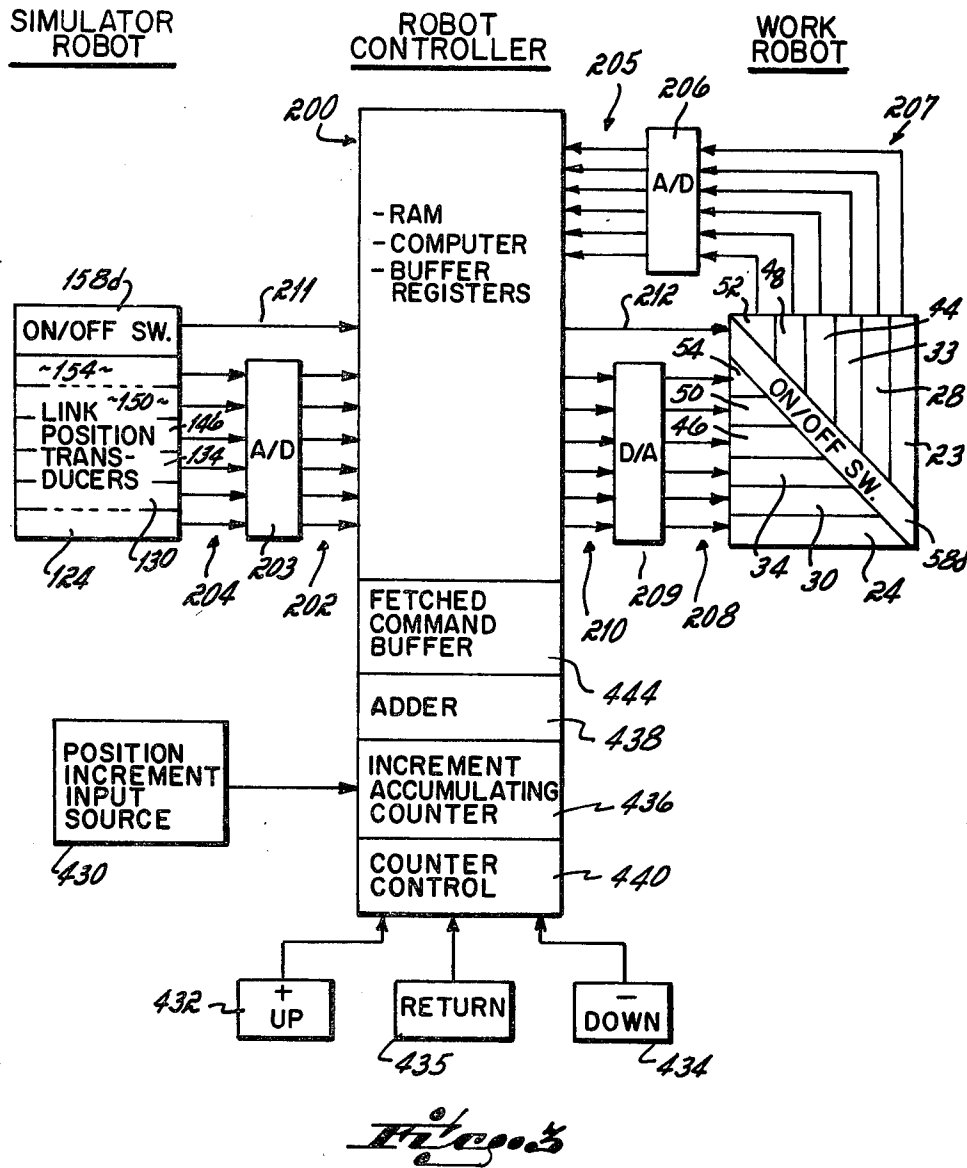
[57] ABSTRACT

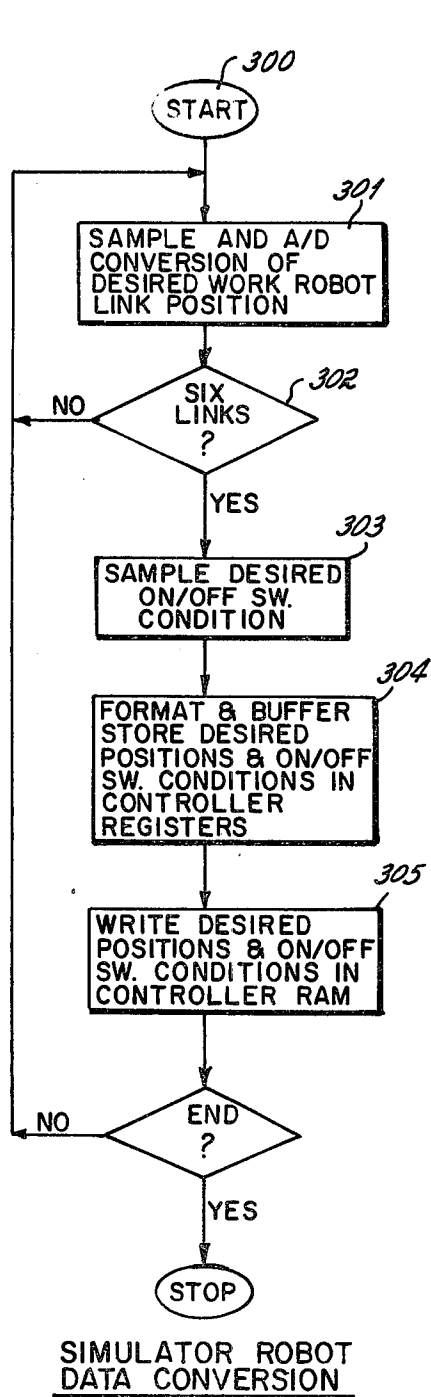
A method and apparatus for real time editing, or modifying, of a program of prerecorded robot motions stored in a robot controlled memory while it is being processed by the controller for subsequent storage of the program, as edited, in memory and output to the robot for execution.

14 Claims, 10 Drawing Figures

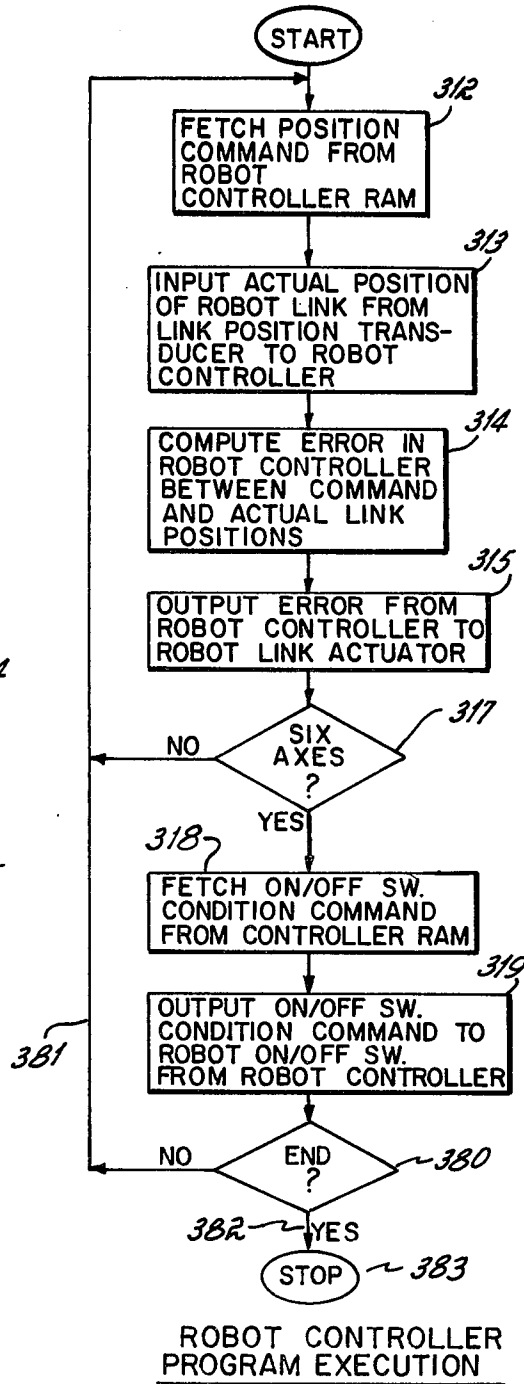




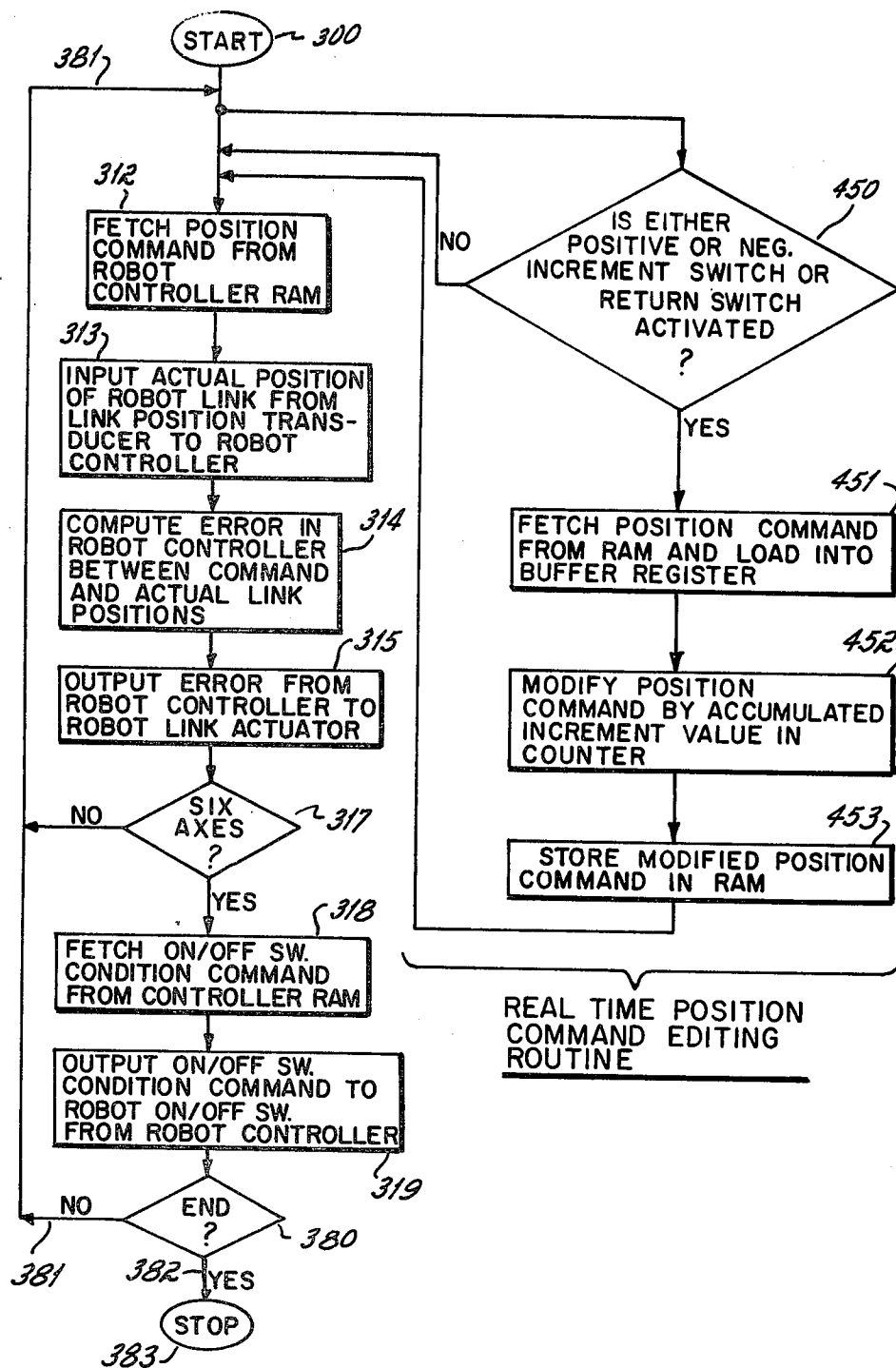




*Fig. 4a*



*Fig. 4b*



ROBOT CONTROLLER PROGRAM  
EXECUTION WITH POSITION COMMAND EDITING

*Fig. 5a*

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