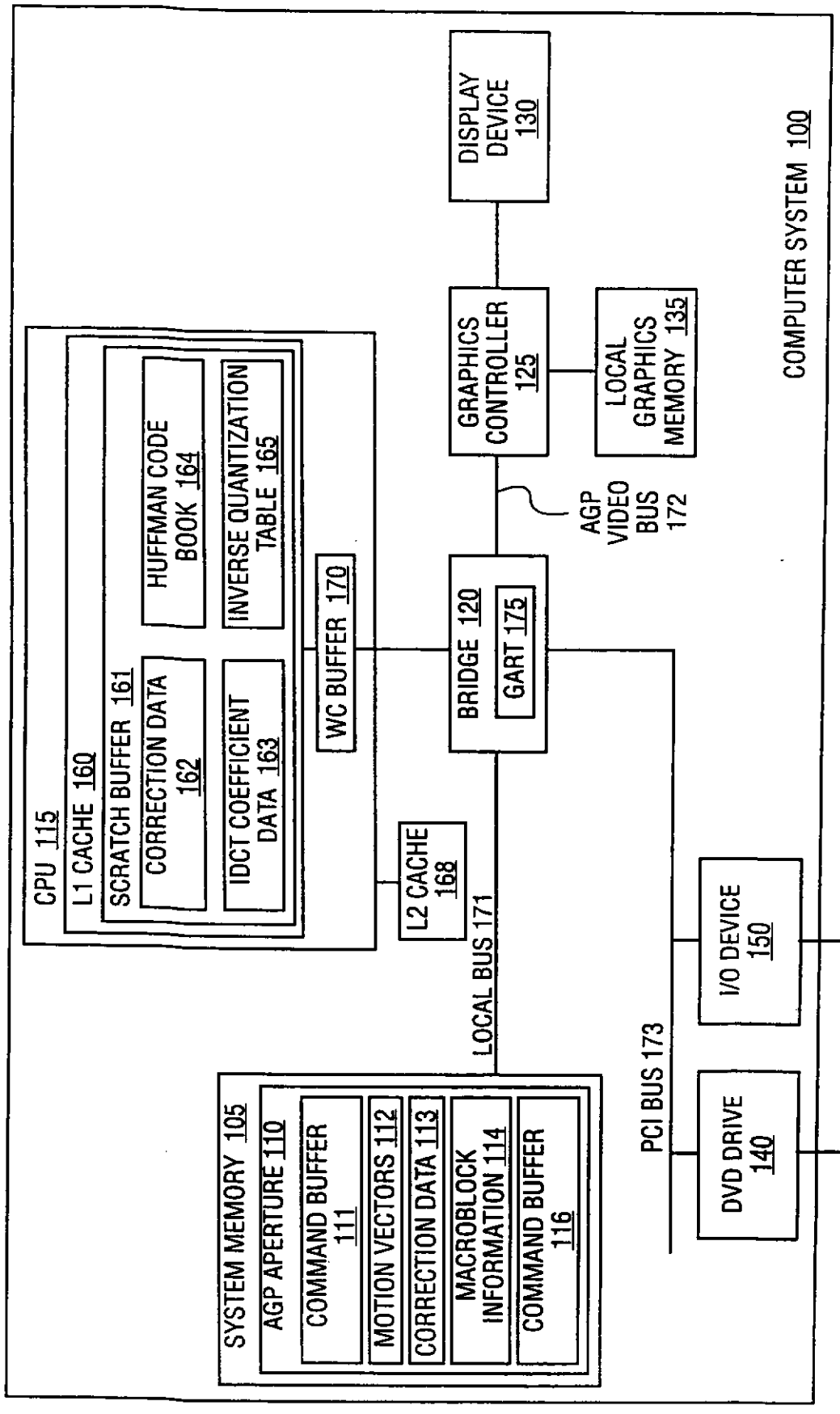

COMPUTER SYSTEM 100
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COMPRESSED VIDEO DATA 145

FIG. 1

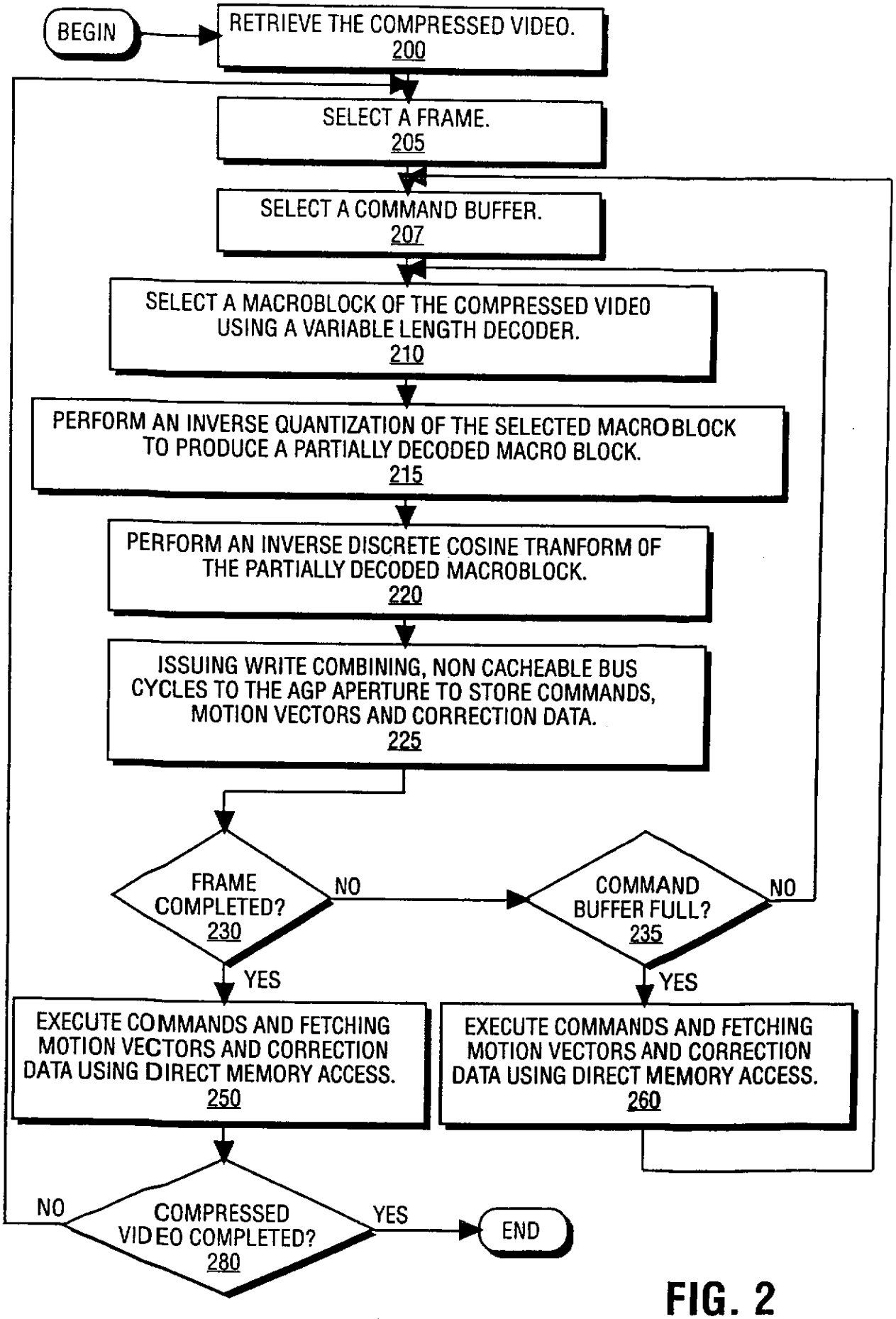

BEGIN
RETRIEVE THE COMPRESSED VIDEO.
200
SELECT A FRAME.
205
SELECT A COMMAND BUFFER.
207
SELECT A MACROBLOCK OF THE COMPRESSED VIDEO USING A VARIABLE LENGTH DECODER.
210
PERFORM AN INVERSE QUANTIZATION OF THE SELECTED MACROBLOCK TO PRODUCE A PARTIALLY DECODED MACRO BLOCK.
215
PERFORM AN INVERSE DISCRETE COSINE TRANFORM OF THE PARTIALLY DECODED MACROBLOCK.
220
ISSUING WRITE COMBINING, NON CACHEABLE BUS CYCLES TO THE AGP APERTURE TO STORE COMMANDS, MOTION VECTORS AND CORRECTION DATA.
225
FRAME COMPLETED?
230
NO
COMMAND BUFFER FULL?
235
NO
YES
YES
EXECUTE COMMANDS AND FETCHING MOTION VECTORS AND CORRECTION DATA USING DIRECT MEMORY ACCESS.
250
EXECUTE COMMANDS AND FETCHING MOTION VECTORS AND CORRECTION DATA USING DIRECT MEMORY ACCESS.
260
NO
COMPRESSED VIDEO COMPLETED?
280
YES
END

FIG. 2