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Abstract

Data Input to a computer system defining a three-dimensional model

A computer system includes a display 1 controlled by a computer 3 which defines a three-dimensional model. A user uses a pointing device 9 to input
5 control information to the computer 3 to cause it to modify the model. The position of the pointing device 9 is determined by cameras 5, 7. The computer 3 uses the position of the line. In other embodiments, the cameras 5, 9 are replaced by ultrasonic transducers which communicate with ultrasonic
10 transducers on the pointing device 9. Additionally or alternatively, the pointing device 9 can be replaced with two independently movable tools.

[Fig. 1]