Fence The Cow

 Originally manufactured by Hanabishi 1984; left purchased in Japan 2010, right made by J. A. Storer 2007.

(left: cardboard box, 11 wood pieces + keeper, 4.75" x 5.8" x 7/16";
right: box, 11 purple heart and cherry pieces + keeper, 5" x 6.1" x 1.25")

The object is to move the cow inside the fences:

Her are the directions that were sold with the puzzle:

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A Solution to Fence The Cow

Here is a solution of 82 straight-line moves; it can be converted to 71 rectilinear moves by combining steps 2/3, 15/16, 19/20, 23/24, 26/27, 30/31, 33/34, 40/41, 45/46, 58/59, and 62/63 (this solution remains minimal even if graphics are ignored, and no solution is possible if the lower right two square are required to be blank):

(one move = sliding one piece any number of units in one direction)

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