

Designed by Dries De Clercq, this one assembled by J. A. Storer 2013. (cardboard sleeve, metal tray, and 10 plastic pieces, $3.8 \times 3.1 \times 5 / 16$ inches)

Here is the start position and every position in which the $2 \times 2$ piece moves, along with steps 38 , $50,135,154$, and 164 (added to fill in longer gaps) of a solution of 209 rectilinear moves (using 241 straight-lines moves, although 238 straight-line moves are possible):

| $\begin{array}{\|lllll} \hline \text { \#O } & & & \\ 1 & X & X & \\ 2 & X & X & N \\ A & A & M & N \\ 3 & & M & 5 \\ 4 & B & B & \$ \\ \hline \end{array}$ | $\begin{array}{\|llll\|} \hline \# 8 & & & \\ 1 & & X & X \\ 2 & & X & X \\ \text { A } & \text { A } & 5 & \mathrm{~N} \\ 4 & 3 & \mathrm{M} & \mathrm{~N} \\ \mathrm{~B} & \mathrm{~B} & \mathrm{M} & \$ \\ \hline \end{array}$ | $\begin{array}{\|llll} \# 18 & \\ \hline & & \\ 1 & X & X \\ 2 & X & X & \\ A & A & M & N \\ 5 & 3 & M & N \\ 4 & B & B & \$ \end{array}$ | $\# 26:$    <br> X X  N <br> X X  N <br> 1 2 3 M <br> A A 5 M <br> 4 B B $\$$ | $\begin{array}{\|lllll} \# 3 & 3 & & \\ X & X & 2 & 3 \\ X & X & M & N \\ A & A & M & N \\ 5 & & & 1 \\ 4 & B & B & \$ \\ \hline \end{array}$ | $\begin{array}{\|llll} \hline \# 5 & : & \\ X & X & 3 & N \\ X & X & 2 & N \\ B & B & A & A \\ 4 & M & & I \\ 5 & M & \$ \\ \hline \end{array}$ |  | $\begin{array}{llll} \# 7 & 3 & : \\ X & X & \\ X & X & \\ 5 & B & B \\ M & 1 & 4 \\ M & A & A \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \#81: | $\begin{aligned} & \# 89: \\ & 3 \\ & 3 \\ & \hline \end{aligned}$ | $\begin{aligned} & \# 101: \\ & 2 \times X 4 \end{aligned}$ | $\begin{array}{\|lll\|} \hline \text { \#110: } & \\ 2 & \mathrm{X} \end{array}$ | $\begin{aligned} & \# 116: \\ & 23 \end{aligned}$ | $\begin{array}{\|llll} \hline \begin{array}{llll} \hline & 126: & \\ B & B & 2 & 3 \end{array} \end{array}$ | $\begin{aligned} & \text { \#135: } \\ & 132 \end{aligned}$ | $\begin{aligned} & \# 144: \\ & 32 \mathrm{~B} \mathrm{~B} \end{aligned}$ |
| $\mathrm{x} \times 2 \mathrm{~N}$ | $\times \mathrm{X}$ N | $3 \mathrm{x} \times 5$ | 3 X X | B B X X | 1 | $\cdots$ | 1 |
| $\times \mathrm{X}$ | $X \times \mathrm{N}$ | M N | B B $\mathrm{N}^{4}$ | 1 NXX X | M N X | M N X X | M N X |
| M | M $\quad$ B $\quad$ B 1 | M B B N | M 1 N 5 | M N | M 5 X | 5 NXX | M |
| M A A \$ | M A A | A A | M A A \$ | M A A | A A 4 | A A | A A |
| \#154: | \#164: | \#170: | \#177: | \#187 | \#198: | \#205 | \#209: |
| 2 N B B | 2 N B B | B B X X | B B | 23 | M A A | N M A A | N M |
| N X | M N X X | 2 NXX | 23 x X | A A | M B B | N M B B | N M B |
| 3 x | M 3 XX | 3 N | A A X X | M N X X | N X X | X X | 42 |
| M 14 | A A | M 4 A A | M N | M N X X | N X | X X | x X |
| M A A | 15 | M 15 \$ | M N 5 | 51418 | 514 \$ | 514 | $\times \mathrm{X} 5$ |

