## Dad's Puzzler


a.k.a. Dad's Puzzle, Moving Puzzle, Tit-Bits Teaser No. 1, Pennant Puzzle, Box of Nine, Nine Block Puzzle
Patents and copyrights include L. W. Hardy 1909, J. W. Hayward 1926, Frederic E. Aaron 1927, and C. O. Luce 1953, these two are not dated. (cardboard box and 9 wood pieces, 4 by 3.25 by $1 / 2$ inches; presented on pages 78-79 and plate 6 of Hordern's book)
Slide the $2 \times 2$ piece from the upper left to the lower left (without picking up pieces); the positions of the other pieces don't matter:


Perhaps the most produced mechanical puzzle of the first half of the 20th century, after the Fifteen puzzle. Many were made with the same $4 \times 3.25 \times 1 / 2$ inch box, the same size and shaped pieces (sometimes plastic in later years), but with additional text or different cover art to promote products (laundry detergent, glue, etc.). See also the Humdinger version.

## A Typical Dads Puzzler Solution Sheet



This diagram corresponds with the diagram on the puzzle box cover, except that this one is divided iato 20 tettered squares.

## PLAN OF WORKING

First move IJ to K L, means moving the two small blocks from the squares marked I and $\mathbf{J}$ to squares K and L .
Second move, A B E F to E F I J means move the large block straight down.


IJ to K L
A IbEF to EFIJ
C. D to A B
G. II to C D

K to G to H
EFIJ to FGJK
MO to EI
NR to M O
ST to R S
O Pín No
HL. to PT
FGJKtoGHKL
EIto FJ
MO to EI
N O to M N
P to O
T to P
R S to S T
M N to OR
O P to M N

GHKL to KLOP C D TO G H
AB to C D
FJ to B F
EI to A E
MN to IJ
Q R to M N
$S T$ to $Q R$
KLOP to OPST
IJ to K L.
AE to EI
B F to F J
CD to A B
G H to C D
K L. to G H
OPST to KLOP
OR to $S T$
MN to OR
EItal M
FJ to J N

AB to E F
CD to AB G to $\mathbf{C}$ to D
A B to B C
E. $F$ to $F \mathbf{G}$

I M to A E
J N to I M
KLOP to JKNO
D H to LP
BC to C D
FG to G H
AE to B F
I M to AE
JKNO to IJMN
P to O to K
ST to O P
0 R to $\mathrm{S} \mathbf{T}$
IJMN to MNOR

If directions have been correctly followed the large block has been moved from Corner A to Corner C and the puzzle is solved.

## A Minimal Move Dad's Puzzler Solution

Here is a solution of 62 straight-line moves; it can be converted to 59 rectilinear moves by combining steps $6 / 7,27 / 28$, and 58/59:

| $\begin{array}{lllll}X & X & 3\end{array}$ | $\begin{array}{lllll}\mathrm{X} & \mathrm{X} & 3\end{array}$ | X X 33 | 33 | 33 | $\begin{array}{llll}3 & 3 & 4\end{array}$ | $\begin{array}{llll}3 & 3 & 4 & 4\end{array}$ | $\begin{array}{lllll}3 & 3 & 4 & 4\end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| X X 44 | X X 44 | X X 44 | $\mathrm{X} \times 44$ | X X 4 ¢ | X X | $\mathrm{X} \times 1$ | $\begin{array}{llll}\mathrm{X} & \mathrm{X} & 1\end{array}$ |
| 12 | $1 \quad 2$ | 12 | X X 12 | X X 12 | X X 12 | $\mathrm{X} \mathrm{X} \quad 2$ | X X 2 |
| $\begin{array}{llll}7 & 8 & 5\end{array}$ | $\begin{array}{llll}7 & 8 & 5\end{array}$ | 7885 | 7885 | 7885 | 7885 | 7885 | 78855 |
| 78866 | 7866 | 7866 | 78866 | 7866 | 7866 | 78866 | 78866 |
| 3134 | 31344 | $\begin{array}{llll}3 & 3 & 4 & 4\end{array}$ | $\begin{array}{lllll}3 & 3 & 4\end{array}$ | $\begin{array}{llll}3 & 3 & 4 & 4\end{array}$ | $3 \quad 344$ | $3 \quad 344$ | $\begin{array}{llll}3 & 3 & 4 & 4\end{array}$ |
| $\mathrm{X} \times 1$ | $7 \times 1$ | 7 X X 1 | 7 X X 1 | 7 X X 1 | $7 \times \mathrm{X} 1$ | 7 X X | 7 X X |
| X X 2 | $7 \times 12$ | $7 \times \mathrm{X} 2$ | 7 X X 2 | 7 X X 2 | 7 XX | 7 XX | $7 \quad \mathrm{X}$ X |
| 7855 | 855 | 855 | 855 | 855 | 855 | 8551 | 8551 |
| $\begin{array}{llll}7 & 8 & 6 & 6\end{array}$ | 866 | 866 | 866 | 866 | 86662 | 86662 | 86662 |
| 31344 | 3344 | 3344 | 31344 | 31344 | $\begin{array}{llll}3 & 3 & 4\end{array}$ | $\begin{array}{llll}3 & 3 & 4\end{array}$ | 31344 |
| 7 XX | 87 XX | 87 XX | 87 X X | 87 XX | 87 XX | 87 X X | 87 XX |
| 7 XX | 87 XX | 87 XX | 87 X X | 87 X X | 87 X X | 87 X X | 87 X X |
| 8551 | $\begin{array}{lll}5 & 5 & 1\end{array}$ | 5 5 1 | $5 \quad 51$ | 5 5 512 | $5 \begin{array}{llll}5 & 1 & 1\end{array}$ | 2 | 12 |
| 86662 | $6 \quad 6 \quad 2$ | $6 \quad 6 \quad 2$ | $6 \quad 6 \quad 2$ | 66 | 66 | $\begin{array}{llll}5 & 5 & 6 & 6\end{array}$ | $\begin{array}{llll}5 & 5 & 6 & 6\end{array}$ |
| $\begin{array}{llll}3 & 3 & 4\end{array}$ | 3344 | $3{ }^{3} 5444$ | $3{ }^{3}$ | 31344 | $3 \quad 344$ | $\begin{array}{llll}3 & 3 & 4\end{array}$ | $\begin{array}{llll}3 & 3 & 4 & 4\end{array}$ |
| 87 XX | 87 XX | 87 XX | 87 X X | 87 X X | 8 X X | 8 XX | 18 XX |
| 87 X X | 87 X X | 87 XX | 87 X X | 87 X X | 8 X X | 8 XX | 8 X X |
| 12 | 1266 | 1266 | 166 | 166 | 2766 | 1766 | 766 |
| $\begin{array}{llll}5 & 5 & 6 & 6\end{array}$ | 55 | 55 | 255 | 255 | 1755 | $\begin{array}{llll}2 & 7 & 5 & 5\end{array}$ | 2765 |
| 31344 | $\begin{array}{llll}3 & 3 & 4\end{array}$ | $3 \quad 344$ | 31344 | $3 \begin{array}{llll}3 & 3 & 4\end{array}$ | $\begin{array}{llll}3 & 3 & 4\end{array}$ | $\begin{array}{llll}3 & 3 & 4\end{array}$ | 31344 |
| 18 XX | 18 XX | 1 X X | 1 X X | 21 X X | 21 X X | 218 X X | 21 X X |
| 28 XX | 28 XX | 28 XX | 28 XX | 8 X X | 78 X X | 78 X X | 78 X X |
| 766 | 766 | 7866 | 7866 | 7866 | 7866 | 7866 | 78 |
| 755 | 755 | 755 | 755 | 755 | 55 | 55 | $\begin{array}{llll}5 & 5 & 6 & 6\end{array}$ |
| $\begin{array}{llll}3 & 3 & 4 & 4\end{array}$ | $\begin{array}{llll}3 & 3 & 4 & 4\end{array}$ | $\begin{array}{llll}3 & 3 & 4 & 4\end{array}$ | 44 | 44 | 441 | 441 | 441 |
| 21 | 2 | 21 | $3 \begin{array}{llll}3 & 3 & 2 & 1\end{array}$ | $\begin{array}{llll}3 & 3 & 2 & 1\end{array}$ | 332 | 332 | 332 |
| 78 X X | 78 X X | 78 X X | 78 X X | 78 X X | 78 X X | 78 X X | 78 XX |
| 78 X X | 78 X X | 788 X X | 788 XX | 788 X X | 78 X X | 78 X X | 78 X X |
| $\begin{array}{llll}5 & 5 & 6 & 6\end{array}$ | $\begin{array}{llll}5 & 5 & 6\end{array}$ | $\begin{array}{llll}5 & 5 & 6 & 6\end{array}$ | 51566 | 56566 | 5666 | 5656 | 56566 |
| $\begin{array}{llll}7 & 4 & 4 & 1\end{array}$ | $\begin{array}{lllll}7 & 4 & 4 & 1\end{array}$ | $\begin{array}{llll}7 & 4 & 4 & 1\end{array}$ | $\begin{array}{llll}7 & 4 & 4 & 1\end{array}$ | 744 | $7 \quad 44$ | $7 \quad 44$ | 744 |
| 7332 | 7332 | $\begin{array}{llll}7 & 3 & 3\end{array}$ | 733 | 733 | 733 | 733 | 733 |
| 8 XXX | 8 X X | 8 XX | 8 XX | 8 X X 1 | 8 X X 1 | 8 X X 1 | 8 X X 1 |
| 8 XX | 8 X X | 8 XX | 8 X X 2 | 8 X X 2 | 8 X X 2 | 8 X X 2 | 8 X X 2 |
| 5666 | 5566 | 5666 | 5666 | 56566 | 5566 | 5566 | 5666 |
| $\begin{array}{llll}8 & 7 & 4\end{array}$ | $\begin{array}{lllll}8 & 7 & 4 & 4\end{array}$ | $\begin{array}{lllll}8 & 7 & 4 & 4\end{array}$ |  | $\begin{array}{llll}8 & 7 & 4 & 4\end{array}$ | $\begin{array}{llll}8 & 7 & 4\end{array}$ | $\begin{array}{llll}8 & 7 & 4\end{array}$ |  |
| 8733 | 8733 | 8733 | 8733 | 8733 | 8733 | 8733 |  |
| X X 1 | X X 1 | X X 1 | X X 21 | X X 21 | X X 21 | 21 |  |
| X X 2 | X X 2 | X X 2 | X X | X X 66 | X X 66 | X X 66 |  |
| 5566 | $5 \quad 566$ | $\begin{array}{llll}5 & 5 & 6\end{array}$ | $5 \quad 566$ | 55 | 55 | X $\times 55$ |  |

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

## Dad's Puzzler Diagonal

The diagonal version of Dad's Puzzler is to move the $2 \times 2$ piece diagonally to the lower right corner; it is described on page 5 of the 1942 Filipiak book (which gives a solution of 59 moves).

(Move the $2 x 2$ to the lower right; the positions of the other pieces do not matter.)
One might think that it would be a harder to move the $2 \times 2$ piece diagonally to the lower right corner since it is farther away than the lower left. However, here is a solution of only 31 straightline moves; it can be converted to 29 rectilinear moves by combining steps $6 / 7$ and 18/19:

| X | X | 3 | 3 | X | X | 3 | 3 | X | X | 3 | 3 |  |  | 3 | 3 | 3 | 3 |  |  | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| X | X | 4 | 4 | X | X | 4 | 4 | X | X | 4 | 4 | X | X | 4 | 4 | X | X | 4 | 4 | X | X |  |  |  | X | X | 1 |  |
| 1 | 2 |  |  | 1 |  |  | 2 |  |  | 1 | 2 | X | X | 1 | 2 | X | X | 1 | 2 | X | X | 1 | 2 | X | X |  | 2 |  |
| 7 | 8 | 5 | 5 | 7 | 8 | 5 | 5 | 7 | 8 | 5 | 5 | 7 | 8 | 5 | 5 | 7 | 8 | 5 | 5 | 7 | 8 | 5 | 5 | 7 | 8 | 5 | 5 |  |
| 7 | 8 | 6 | 6 | 7 | 8 | 6 | 6 | 7 | 8 | 6 | 6 | 7 | 8 | 6 | 6 | 7 | 8 | 6 | 6 | 7 | 8 | 6 | 6 | 7 | 8 | 6 | 6 |  |
| 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 |  |
| X | X |  | 1 |  | X | X | 1 | 7 | X | X | 1 | 7 | X | X | 1 | 7 | X | X | 1 | 7 | X | X | 1 | 7 | X | X | 1 |  |
| X | X |  | 2 |  | X | X | 2 | 7 | X | X | 2 | 7 | X | X | 2 | 7 | X | X | 2 | 7 | X | X | 2 | 7 | X | X |  |  |
| 7 | 8 | 5 | 5 | 7 | 8 | 5 | 5 |  | 8 | 5 | 5 | 8 |  | 5 | 5 | 8 | 5 | 5 |  | 8 | 5 | 5 |  | 8 | 5 | 5 |  |  |
| 7 | 8 | 6 | 6 | 7 | 8 | 6 | 6 |  | 8 | 6 | 6 | 8 |  | 6 | 6 | 8 |  | 6 | 6 | 8 | 6 | 6 |  | 8 | 6 | 6 | 2 |  |
| 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 |  |
| 7 | X | X |  | 7 |  | X | X |  | 7 | X | X | 8 | 7 | X | X | 8 | 7 | X | X | 8 | 7 | X | X | 8 | 7 | X | X |  |
| 7 | X | X |  | 7 |  | X | X |  | 7 | X | X | 8 | 7 | X | X | 8 | 7 | X | X | 8 | 7 | X | X | 8 | 7 | X | X |  |
| 8 | 5 | 5 | 1 | 8 | 5 | 5 | 1 | 8 | 5 | 5 | 1 |  | 5 | 5 | 1 | 5 | 5 |  | 1 | 5 | 5 |  | 1 | 5 | 5 | 1 |  |  |
| 8 | 6 | 6 | 2 | 8 | 6 | 6 | 2 | 8 | 6 | 6 | 2 |  | 6 | 6 | 2 |  | 6 | 6 | 2 | 6 | 6 |  | 2 | 6 | 6 |  | 2 |  |
| 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 |  |  |  |  | 3 | 3 | 8 |  | 3 | 3 | 8 | 7 | 3 | 3 | 8 | 7 | 3 | 3 |  |
| 8 | 7 | X | X | 8 | 7 |  |  | 8 | 7 | 4 | 4 | 8 | 7 | 4 | 4 | 8 | 7 | 4 | 4 | 8 | 7 | 4 | 4 | 8 | 7 | 4 | 4 |  |
| 8 | 7 | X | X | 8 | 7 | X | X | 8 | 7 | X | X | 8 | 7 | X | X |  | 7 | X | X |  |  | X | X | 5 | 5 | X | X |  |
| 5 | 5 |  |  | 5 | 5 | X | X | 5 | 5 | X | X | 5 | 5 | X | X | 5 | 5 | X | X | 5 | 5 | X | X |  |  | X | X |  |
| 6 | 6 | 1 | 2 | 6 | 6 | 1 | 2 | 6 | 6 | 1 | 2 | 6 | 6 | 1 | 2 | 6 | 6 | 1 | 2 | 6 | 6 | 1 | 2 | 6 | 6 | 1 | 2 |  |
| 8 | 7 | 3 | 3 | 8 | 7 | 3 | 3 | 8 | 7 | 3 | 3 | 8 | 7 | 3 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | 7 | 4 | 4 | 8 | 7 | 4 | 4 | 8 | 7 | 4 | 4 | 8 | 7 | 4 | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | 5 | X | X | 5 | 5 | X | X | 5 | 5 | X | X | 5 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | 6 | X | X | 6 | 6 | X | X | 6 | 6 | X | X | 6 | 6 | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |

(one move $=$ sliding one piece any number of units in one direction)
Note: For harder versions of Dad's Puzzler where there are additional constraints on the final position, see Dad's Puzzler Exchange.

## Other Versions of Dad's Puzzler



What club will win the pennant is a national problem; Can you put your favorite club in first place is the problem in the pennant puzzle.

This puzzle is a paradox; so difficult of solution as to be extremely fascinating and highly entertaining to all who undertake to work it, and when you have learned the solution you can work it before your friends eyes and defy them to repeat the trick.

## DIRECTIONS

Place blocks in box according to diagram in the bottom thereof; take out block marked "Remove", and then by sliding moves and without lifting or turning the blocks, shift the big block from the lower right hand corner to the upper right hand corner marked "first place".

## O. K. NOVELTY COMPANY,

 134 EAST VAN BUREN ST.Phice, 10c. CHICAGO

Pennant Puzzle, circa 1910.
(cardboard box, 9 cardboard pieces, 4.1 by 3.3 by $1 / 4$ inches)
Often credited as the first version made of Dad's puzzler. A slightly different manufacture of this puzzle has the same box top except at the bottom it says "PATENT ALLOWED DIRECTIONS ON BOTTOM OF BOX" and does not credit Hardy 1909, the same directions except the address for O. K. Novelty of Chicago is listed as " 225 North Sangamon St.", and the same baseball teams on the pieces, which are more of an off-white color.

## Other Versions of Dad's Puzzler, Continued



Tit-Bits Teaser, George Newnes, London, Made in the U.S.A., 1927.
(cardboard box, 9 wood pieces, 4 by 3.25 by $1 / 2$ inches;
page 78 of Hordern's Book list this as "Tit-Bits Teaser No. 1, 1927")

Other Versions of Dad's Puzzler, Continued


| SOL | SOLUTION |
| :---: | :---: |
| MOVING PUZZLE |  |
| Arrange Furnitur | as per diagram. |
| Move rug and mat over | Lamp over |
| Piano down | Mat and rug up |
| Chair over | Clock over |
| Other chair up | Lamp down |
| Rug over mat | Mat beside rug |
| Piano over | Chair over |
| Lamp up | Other chair up |
| Clock over | Rug and mat over |
| Sofa and table over Rug and mat down | Chair down |
| Rug and mat down Piano over | Other chair over Mat over rug |
| Lamp over | Both chairs over |
| Clock up | Lamp up |
| Sofa over | Clock over |
| Rug over, mat up | Piano over |
| Table to right | Mat and rug down |
| Sofa down | Both chairs over |
| Rug and mat over | Lamp over |
| Piano down | Clock up |
| Chair down | Piano over |
| Chair over | Rug up beside mat |
| Lamp up | Table up |
| Mat up, rug over | Sofa over |
| Clock down | Piano down |

If you have followed the above directions you are now an expert piano mover as far as this puzzle is concerned. However, should you have a real piano or other household goods to move, pack, store or ship don't fail to call on us.


| The Moving Puzzle |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Moving is Always |  |  | Chatr | Placing the Furniture is |
|  |  |  | chatr |  |
|  | bue | mat | vacant |  |
|  |  |  | Sora | Frequently |
| Problem | ${ }_{\text {P }}$ | ${ }^{\circ}$ |  | Puzzle |

Copyrighted 1927, by Frederic E. Aaron
DIRECTIONS - Put the furniture in the room, as per diagram. The puzzle is to change the tocation of the piano from Corner A to Corner C without jumping, raising, or turning any piece. Just straight moves one at a time. It can be done; can you do it?
We can solve this puzzle, as well as your Moving, Stornge, Packing, or Shipping problems. Write for solution.

## Your Ad Here

Movins
Packing
Shipping
Sturage
Let vour friends try this Puzzle, and send for one.

Moving Puzzle, Copyright Frederick E. Aaron 1927.
(cardboard box, 9 wood pieces, and solution sheet, 4 by 3.25 by $1 / 2$ inches;
left: blank near the bottom where promotion text usually goes; right: vendor sample version)

## Other Versions of Dad's Puzzler, Continued



Eskimo Pie Co., "ELGIN ICE CREAM", circa 1940's? (cardboard box and 9 wood pieces, 4 by 3.25 by $1 / 2$ inches; directions on inside of box top and solution sheet included; different versions different Ice Cream distributor on the box top)

Copyright J. A. Storer

## Other Versions of Dad's Puzzler, Continued



Copyright J. W. Hayward 1926,
manufactured by the Standard Trailer Company, Cambridge Springs, PA, distributed by S-M News Co., Inc., 229 Fourth Ave., New York, NY. (cardboard box and 9 wood pieces, 4 by 3.25 by $1 / 2$ inches)

Here are the top / bottom (left below) and left / right (right below) box edges:


Here are the directions:

## SOLUTION TO DAD'S PUZZLE

Small blocks, to right-Big block, down-Long block, to left-Long block, up-Small block, up and to right -Big block, to right-Long block, up-Three long blocks, to left-Small blocks, down-Big block, right -Long block, to right-Long block, up-Long blocks, to left-Small block, left and up-Long block, right -Long block, down-Small blocks, to left-Long block, up-Long block, right- Small block, down and to left-Long block, down-Long block, to rightSmall blocks, up-Long block, to left-Long block, down-Small block, right and up-Long blocks, upLong block, to left-Big block and long block, down -Small blocks, right-Long block, down-Long block, left-Small block, up and to right-Long blocks, to right-Long block, up-Long block and big block, left-Small blocks, down-Long blocks, to right-Long block, up-Big block, left-Small block, left and up-Long block, up-Long block, to rightBig block, down-which solves the puzzle.

## Other Versions of Dad's Puzzler, Continued



Copyright Standard Trailer Co. 1953,
(cardboard box and 9 plastic pieces, 4 by 3.25 by $1 / 2$ inches)

## Other Versions of Dad's Puzzler, Continued


"Pilgrim's Progress Puzzle", Cross Publishing, Copyright 1957. (cardboard box and 9 plastic pieces, 3.25 by 4 by $5 / 16$ inches)

## Other Versions of Dad's Puzzler, Continued


C. O. Luce 1953, purchased by J.A. Storer as a child circa 1962. (cardboard box and 10 plastic pieces, $4 \times 3.25 \times 1 / 2$ inches)

## Other Versions of Dad's Puzzler, Continued


"Stranded in Space", made in England, circa 1970's? (cardboard card and 10 plastic pieces, puzzle is $4 \times 3.25 \times 1 / 2$ inches)

Other Versions of Dad's Puzzler, Continued


Adams "Moving Day Puzzle", circa 1930.
(metal tray and lid with nine metal pieces, $3.8^{\prime \prime} \times 3.1^{\prime \prime} \times 5 / 16^{\prime \prime}$;
along the top is shown a packaged puzzle that came with bottom nested inside the cover,
with folded solution sheet and directions summary between them;
the package back instructs one to move the piano and also has adds for other products;
on the upper right is a second one of these puzzles with a white piano square;
the solution first presents Dads Puzzler Diagonal and then the standard puzzle,
where the solutions allow one to push two or three blocks together)

## Other Versions of Dad's Puzzler, Continued




Fêk solve it but it can be done.


Ploce the nine blocks in the box ds. shown in the diagram?
To solve the poizzle you roust move the large block frem corner A to
corner \& No block corner $C_{\text {g }}$ No block
Kust: $b e$ rut sed or The puhzle cun be solved isa forty two moves. Try it before you irefer to the solution which is under the large block. You can slide the blocks by filting the box,
Manufucfured under license from Hayward's copyright and pending patent.
Mid. by S. S. Adoms. Cor Aspury Park. N. I.

## SOLUTION TO DAD'S PUZZLE

Small blocks to right. Big block down. Long block to left. Long blo up. Small block up and to right. Bic block to right. Long block up. Three long blocks to left. Small blocks down. Big block righif Long block to right. Long block up. Long blocks to left. Small block left and up. Long block right. Long block down. Small blocks to left. Long block up. Long block right. Small block down and to left. Long block down. Long block to right. Small blocks up. Long block to left. Long block down. Small block right and up. Long blocks up. Long block to left. Big block and long block down. Small blocks right. Long block down. Long block left. Small block up and to right. Long blocks to right. Long block up. Long block and big block loft. Small blocks down. Long blocks to right. Long block up. Big block left. Small block left and up. Long block up. Long block to right. Big block down. This move completes the puzzle.

Adams Company, circa 1940's.
(heavy metal tray and lid with nine metal pieces, $4 \times 3.25 \times 1 / 4$ inches, pieces slide well with a nice fit;
directions on the box bottom, solution sheet included;
these versions the same except for case cover color;
the next page shows a newer version that is shown on page 62 of the Adams Co. History book)

## Other Versions of Dad's Puzzler, Continued



Adams Company, circa 1950's.
(heavy metal tray and lid with nine plastic pieces and solution sheet, $4 \times 3.25 \times 1 / 4$ inches; solution taped into inside of top cover;
shown on page 62 of the Adams Co. History book)

## Other Versions of Dad's Puzzler, Continued



Adams Company, 1961.
(metal tray and nine plastic pieces, $3.75 \times 3 \times 5 / 16$ inches; shown on page 108 of the Adams Co. History book)

Came with solutions to both Dad's Puzzler and Dads Puzzler Diagonal:


This is $\alpha$ short version in which you move the large block to the LOWER RTGHT HAND CORNER. It cam be dono in 18 moves, cas followss

Remove the dummy -

1. Small blocks, right.
2. Large block, down.
3. Long block, left
4. Lona block, up.
5. Small block, up and to right.
6. Large block right
7. Long block, up.
8. 3 blocks, left.
9. Small blocks, down.
10. Long and large blockes, right.
11. Long block, up.
12. 4 bloclas, left.
13. Small block, right and down.
14. Long and big bloclas, down.
15. Long block, right.
16. 4 long blockes, up.
17. Small bloclos, left.
18. Large block, down.

These 18 moves solve the eccsy version of this puzzle.
Now replace all bloclos according to diagram and try to place the large block in the BOTTOM LEFT HAND CORNER.

Warning:-It will take you over 40 moves.


Dad's $\begin{array}{lr}\text { S. S. Adams Co. } & \begin{array}{l}\text { Dad's } \\ \text { Asbury Park }\end{array} \\ \begin{array}{ll}\text { Puzzle }\end{array} \\ \text { N. J. } & \text { No. P-8022 }\end{array}$

Place the nine blocks in the box as shown in the diagram.
To solve the puzzie move the large block from corner A to corner C.

Solution enclosed
Copyright 1961

Somove the dummy. -

1. Small blocks, right.
2. Big block down.
3. Long block left.
4. Long block up.
5. Small block, up and to right.
6. Big block, right.
7. Long block, up.
8. Three long blocles, left.
9. Small blocks, down.
10. Long and large blocks, right.
11. Long block, up.
12. Long blocks, loft.
13. Small block, left and up.
14. Long block, right.
15. 1 long block down.
16. Small bloclos, loft.
17. Long block, up.
18. Long block, right.
19. Small block down and to left.
20. Long block, down.
21. Long block, right.
22. Small blocks, up.
23. Long block, left.
24. Long block, down.
25. Small blockon right and up.
26. Long blocks, up.
27. Long block, left.
28. Big block and long block down.
29. Small blocks, right.
30. Long block, down.
31. Long block, left.
32. Small block, up and to right.
33. Long blocks, right.
34. Long block, up.
35. Long block and big block, loft.
36. Small blocks, down.
37. 3 long bloclos, right.
38. Long block, up.
39. Big block, left.
40. Small block, loft and up.
41. Long block, up.
42. Long block, right.
43. Big block down.

These 43 moves solve the puzzle. Can you do better? II you cam you're a genius. (It has nover been dono.)

## Other Versions of Dad's Puzzler, Continued



## MOVE A BLOCK PUZZLE

Start with blocks in the following locations: Yellow in upper left corner,
Two reds, lower left corner vertical position. Two greens, upper right corner, horizontal position. Two blacks right center, horizontal position. Two greens lower right corner, horizontal position.
OBJECT

By continuous moving of blocks - Yellow blocks to lower left corner and red blocks to upper left corner.

RULES
Always keep red blocks in vertical position and greens in horizontal position.

## SOLUTION

Move yellow down, green to left, other green up, left black up and to right, yellow right, red up, other red left, both greens left, both blacks down, yellow right, red right, other red up, upper green left, top black left, bottom black up, bottom green right, upper green down, both blacks left, green up, other green right, left black down and right, red down, and other red left, both blacks up, red right, other red down, lower black left and up, both reds up, green left other green down, yellow down, both blocks right, green down, other green left, left black up and right, both greens right, left red up, other red left, yellow left, both blacks down, both greens right, red right, other red up, yellow left, lower black left and up, green up, other green right, yellow down. - LOOK -

Dads Move A Block, unknown date.
( 5.5 by 4 by 1.125 inch high wood box with wood pieces)

## Other Versions of Dad's Puzzler, Continued



Aangeboden door:
N. V. Sigareniabriek GEBRs. GARVELINK EINDHOVEN
"Offered by:
N. V. Sigareniabriek GEBRs. GARVELINK

## EINDHOVEN"

Leg de blokjes zooals op de bovenstaande fig. is aangegeven in de doos.
Breng nu uitsluitend door schuiven hut groote blok AIDA op de plaats van de blokjes B. en C.
"Place the cubes just as the
fig. above indicated in the box.
Now apply exclusively large sliding cabin block AIDA on the position of the blocks B and C."
N. V. Sigareniabriek, Eindhoven, the Netherlands, circa 1940's?
(wood box with 9 wood pieces, $4.1^{\prime \prime} \times 3.32^{\prime \prime} \times 5 / 8^{\prime \prime}$ )

## Other Versions of Dad's Puzzler, Continued



Central Specialty Co., Hutchinson, Kansas, unknown age. (cardboard box and 9 wood pieces, $4.1^{\prime \prime} \times 3.3^{\prime \prime} \times 7 / 16^{\prime \prime}$ "; directions inside of box top)

## Other Versions of Dad's Puzzler, Continued



Leech Products Co., Hutchinson, Kansas, unknown age .
(cardboard box and 9 wood pieces, $3.5^{\prime \prime} \times 2.8^{\prime \prime} \times 5 / 1^{\prime \prime}$; directions inside of box top)

## Other Versions of Dad＇s Puzzler，Continued



# PIEDMONT PREMIUM BEER PUZZLER 

 FEW SOLVE IT－IT CAN BE DONE| PIEDMONT PREMIUM BEER |  | PRIDE |
| :---: | :---: | :---: |
|  |  | OF THE |
| 10c | 10 C | VACANT |
| 득 <br> $\frac{0}{2}$ <br> $\frac{3}{2}$ | 山岂岕 | SOUTH |
|  |  | $\begin{gathered} \text { BUY } \\ \text { PIEDMONT } \end{gathered}$ |

Place the blocks in box as per diagram．The puzzle is to move the big square block from corner A to corner C without jumping or raising any block from bottom of the box or turning any piece．

The solution of this block puzzler will be given to you for the asking，at any PIEDMONT PREMIUM BEER Dealer．

Always ask for PIEDMONT PREMIUM BEER－it is made from the finest materials and properly aged．

Piedmont Premium Beer．，undated．
（cardboard box and 9 wood pieces， 4 by 3.25 by $9 / 16$ inches）

Other Versions of Dad's Puzzler, Continued


The pieces carry names of Frigidaire features. Place them in box as shown on diagram.
The object is to move the block with the Frigidaire Coat-of. Arms from corner " $A$ " to corner " $B$ " without taking any piece out of box, turning any piece around, or jumping one piece over another. You cir make as many moves in any direction, as desired.

This puzzle can be solved! If you have to "give up," come into our store for a printed solution.
'
Frigidaire Jumble Puzzle, undated.
(cardboard box and 9 cardboard pieces, 3 by 2.5 by $5 / 16$ inches)

## Other Versions of Dad's Puzzler, Continued



Dad's Puzzle, Drueke Blue Chip Game Company, 1972.
(cardboard box and 9 wood pieces, $6^{\prime \prime} \times 4+7 / 8^{\prime \prime} \times 9 / 16^{\prime \prime}$ )

## Other Versions of Dad's Puzzler, Continued



Magnetic Square Puzzle,
WM. F. Drueke \& Sons, Inc., Grand Rapids, MI, copyright 1961. (plastic pieces with magnetic backs in cardboard box with metal bottom, 7.8 by 7.8 by $5 / 8$ inches)


Kasko Puzzler, "REG US PAT OFF".
(cardboard box and 9 wood pieces, 4 by 3.25 by $1 / 2$ inches)
Copyright J. A. Storer

Other Versions Of The Moving Puzzle, Continued


Crane Packing Co., Chicago, Copyright J. W. Hayward 1926. (cardboard box and 9 wood pieces, 4 by 3.25 by $1 / 2$ inches)

## Other Versions Of The Moving Puzzle, Continued



Nevers Crafts Shop, Ossipee, N. H., 1950's?
(cardboard box and 9 wood pieces, $5+5 / 16^{\prime \prime}$ x $4+5 / 16^{\prime \prime}$ x 1/2")

## Other Versions Of The Moving Puzzle, Continued




Hasley Bros.
MOVING AND STORAGE WALTER BNSLEY, Prop 855 SOUTH CANRL. ST., N. S. BrTsBuscit. PA.
LONG DISTANEE MOWNG

THE MOVING PUZZLE Copyrieht 1341 by Frederie E Aama


Do not jump over, farn or remove any one piece from the box
TRY ITI CAN YOU DO TT? IT CAN BE DONE
Let Your Friends Try This Pazzle, and
Send for One.

## SOLUTION TO THE MOVING PUZZLE

Place the furniture in the box as arranged in the drawing.

Mat and rug to right Clock up
Piano down
Chair to left
Other chair up Rug over mat Piano to right Lamp up Clock to left Sofa and Table over Mat and rug down Piano to right Lamp over

Sofa and table to leit Mat to left and up Table to right Sofa down Mat and rug to left Table up Sofa to right Mat under rug Clock down Lamp to left Rug and mat up

Olock to right
Lamp down Mat to left and up Lamp and clock up Sofa to left
Table down
Piano down
Rug and mat to right Chair down
Other chair to left Mat over rug Both chairs to right

Lamp up
Clock to left
Piano to left
Rug and mat down Both chairs to right Lamp to right
Ciock up
Piano to left
Rug to left and up
Table up
Sofa to right
Piano down

If you have followed the above directions, you are now an expert piano mover as far as this puzzle is concerned. However, should you have a real piano or other household goods to move pack, store or ship don't fail to call on us.

## Hasley Bros. Movinǵ and Storaǵe

FAirfax 6104 N. S.. Pittsburgh, Pa.

Moving Puzzle, Copyright Frederick E. Aaron 1941,
"Hasley Bros. MOVING AND STORAGE", Pittsburgh, PA.
(cardboard box and 9 wood pieces, $4^{\prime \prime} \times 3.25^{\prime \prime} \times 1 / 2^{\prime \prime}$; directions inside box top)

Other Versions Of The Moving Puzzle, Continued



Copyrighted 1927, by Frederic E. Aaron
DIRECTIONS - Put the furniture in the room, as per diagram. The puzzle is to change the location of the piano from Corner $\mathbf{A}$ to Corner $\mathbf{C}$ without jumping, raising, or turning any piece, Just straight moves one at a time. It can be done: can you do it?

We can solve this puzzle, as well as your Moving, Storage, Packing, or Shipping problems. Write for solutiop.

## GREYVAN STORAGE, INC.

1665 Main St., Buffalo 8, N. Y. Phone: Lincoln 4420

Shipping
Storage
Let your friends try this Puzzle, and send for one.

## SOLUTION TO MOVING PUZZLE

Arrange furniture as per diagram:-Move rug and mat over; Piano down; Chair over; Other chair up; Rug over mat; Piano over; Lamp up; Clock over; Sofa and table over; Rug and Mat down; Piano over; Lamp over; Clock up; Sofa over; Rug over; Mat up; Table right; Sofa down; Rug and Mat over; Piano down; Chair down; Chair over; Lamp up; Mat up; Rug over; Clock down; Lamp over; Mat and Rug up; Clock over; Lamp down; Mat beside rug; Chair over; Other chair up; Rug and Mat over; Chair down; Other chair over; Mat over Rug; Both Chairs over; Lamp up; Clock over; Piano over; Mat and Rug down; Both chairs over; Lamp over; Clock up; Piano over; Rug up beside mat; Table up; Sofa over; Piano down.

If you have followed the above directions you are now an expert piano mover as far as this puzzle is concerned. However, should you have a real piano or other household goods to move back, store or ship don't fail to call on us.

Moving Puzzle, Copyright Frederick E. Aaron 1927, "GREYVAN STORAGE, INC. 1665 Main St., Buffalo 8, N.Y.". (cardboard box and 9 wood pieces, with solution sheet, 4 by 3.25 by $1 / 2$ inches)

## Other Versions Of Dad's Puzzler With Promotional Cover Art, Continued




Place the blocks in a box as per diagram. The puzzle is to move the big square block from corner A to corner C without jumping or raising any block from the bottom of the box or turning any piece.
Motor Grinding Company
AUTOMATIC SCREW MACHINE COMPANY
1018-20 West 1 th Street.
WEstmore 1065

Motor Grinding Co., copyright J. W. Hayward 1926.
(cardboard box and 9 wood pieces, 4 by 3.25 by $1 / 2$ inches; directions on inside of the box top)

## Other Versions Of Dad's Puzzler With Promotional Cover Art, Continued




F. C. Bellis Independent Oil, patent applied for, copyright J. W. Hayward 1926.
(cardboard box and 9 wood pieces, 4 by 3.25 by $1 / 2$ inches;
$2 \times 2$ piece has paper label; directions on inside of the box top)
Copyright J. A. Storer

## Other Versions Of Dad's Puzzler With Promotional Cover Art, Continued



Ohio Table Pad Co., copyright J. W. Hayward 1926.
(cardboard box and 9 wood pieces, 4 by 3.25 by $7 / 16$ inches)

## More Versions Of Dad's Puzzler



## More Versions Of Dad's Puzzler, Continued




The Moving Puzzle


Copyrighted 1927, by Fraleric E. Aaren DIRECTIONS - Put for furniture in the soom, Fiper dia


We can mive this pusile, as wall an your Movines, Storare, Packing, or Shippins problems. Write for solution, SHELLHOUSE FIREPROOF WAREHDUSE CO.
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Worlds Lasgest Long Distance Mos
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The Moving Puzzle

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Copyrighted 1927, by Froderic E. Aarom


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## McKEE'S MOVING PUZZLE

We can solve all your Moving, Packing, Storage and Shipping Problems,

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## McKee Moving \& Storage Co.

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Coprrighed 1927, by Frederie E. Aaron


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The Moving Puzzle


Copyrighted 1927, by Frederic E. Aaron DIRECTIONS - Put the furniture in the room, as per dia-
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can you do it? We can solve this puzzie, as well as your Moving. Stor-
oge. Packing, or Shipoing problems. Write for solutlon. THE SOUTH ORANGE STORAGE CO. INC. 219 VALLEY ST. SOUTH ORANGE, N. J. Phone No. South Orange 2-4000 STORAGE MOVING SHIPPING RUGCLEANING Joseph Weber Jr. Pres. J. E. Campbell Vice Pres, -- Treas.


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## More Versions Of Dad's Puzzler, Continued



## Further reading:

Walton Patent, from: www.uspto.gov - patent no. 516,035
Filed Mar. 14, 1893; granted Mar. 6, 1894.
Block puzzle with 1x2 size blocks.
Moss Patent, from: www.uspto.gov - patent no. 668,386
Filed June 8, 1900; Feb. 19, 1901.
Colored sliding blocks.
Hardy Patent, from: www.uspto.gov - patent no. 1,017,752
Filed Dec. 14, 1907; granted Feb. 20, 1912.
Shows as its preferred embodiment (Figure 1) a $4 \times 4$ tray with ten pieces (one $2 \times 2$, three $1 \times 2$, two $2 \times 1$, and four 1 x 1 ). Claims 8 and 9 addresses a general class of sliding block puzzles with three sizes of pieces, and Claim 10 addresses puzzles with one $2 \times 2$ piece, some number of $1 \times 2$ and $2 \times 1$ pieces, and some number of $1 \times 1$ pieces.

Kuczynski Patent, from: www.uspto.gov - patent no. 6,039,318
Filed Mar. 4, 1998; granted Mar. 21, 2000.
Figures show Dad's Puzzler and specifications describe a frame for holding it.

