

Stickman Grandfather Clock



Designed and made by Robert Yarger, 2004.

(Oak exterior, Maple and Bloodwood mechanism, glass front, 13.75" x 5.5" 2.8")

A beautifully made (non-functional) grandfather clock has a sliding panel on the right side that in combination with sliding the bar on the front allows one to manipulate the hands with the goal to get them both to 12 and sliding the top forward to release the compartment out the bottom. This must be done with the clock on its back because gravity is need in combination with the gear shifting to get the gears to go between moving just one hand or both hands, and the puzzle tends to become a bit of a dexterity puzzle with some shaking and knocking.

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The *Stickman Book* Page For This Puzzle

The Stickman No. 6 Puzzle Box (Grandfather Clock Box)

Gears for the Stickman No. 6 Puzzlebox used entirely new methods of production, allowing them to be crafted smaller, more decorative, and precise. Instead of individually cutting each gear, a series of wood panels were glued together into long planks that were later cut into an octagon shape and run over a table saw at various angles to produce the teeth. Identical gears of any width could then just be cut from this plank.

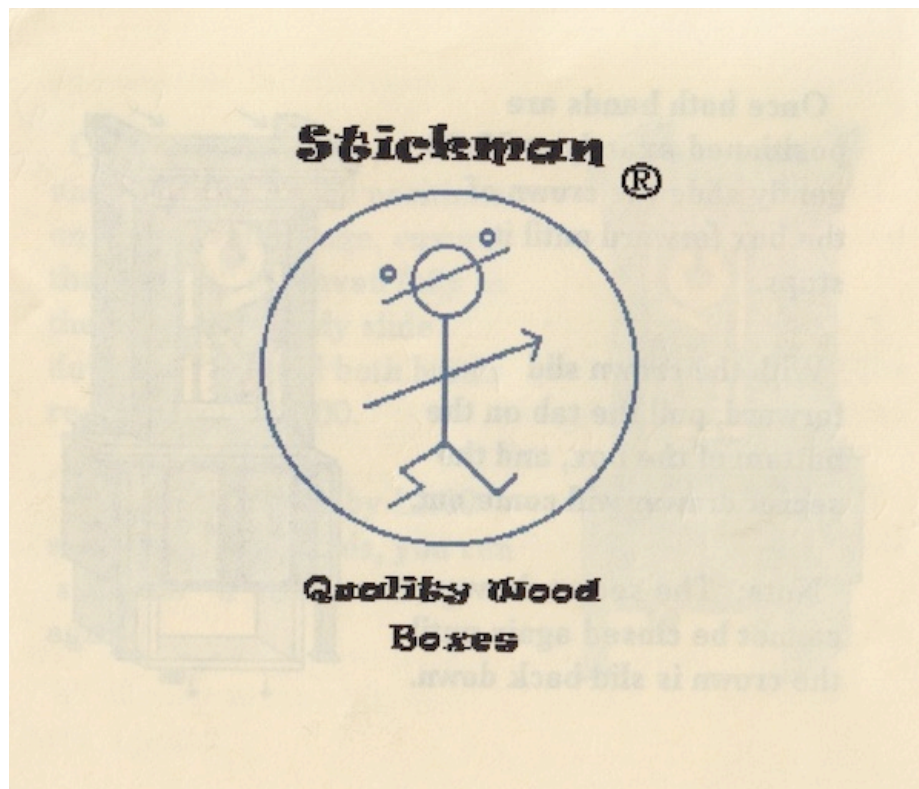
This was not the first Stickman puzzle to use inlays, but it was the first where Robert used the Japanese method of gluing together long strips of wood to produce decorative patterns. These were then sliced off to make inlays. The carved feet for this, and all Stickman puzzleboxes, were accomplished on a radial arm saw, which though retired from most applications, still proved irreplaceable for carving legs.

Sliding a panel on the side of this puzzle causes internal gears to rotate, and another panel on the base allows these gears to engage and disengage. A combination of these movements will cause one or more of the clock hands to move in various directions. Positioning them at exactly 12:00 allows further moves to be accomplished, but lining up clock hands is not easy and requires both advanced planning and a bit of dexterity.



Limited Edition Status: Limited to 28.
Production Dates: (Sept. 2004 – Feb. 2005)
Original Sale Price: \$379
Wood types: Oak, Maple & Bloodwood
Variations: N/A
Size: 14" x 5" x 3"
Number of Compartments: 1
Number of Steps: Varies on starting position.
Difficulty Level: Moderate
Instruction Book: 6-pages, color, illustrated.
Special features: Wooden gears, carved feet & inlays.
Goal: Discover hidden compartment.

The Instruction Booklet



Instruction Booklet Continued

The secret chamber of the Stickman No. 6 Puzzlebox can only be opened when both hands are positioned exactly at 12:00. This puzzlebox is of moderate difficulty, but it will take logic, patience, and a bit of old fashioned dexterity to figure out how to release the final latch.

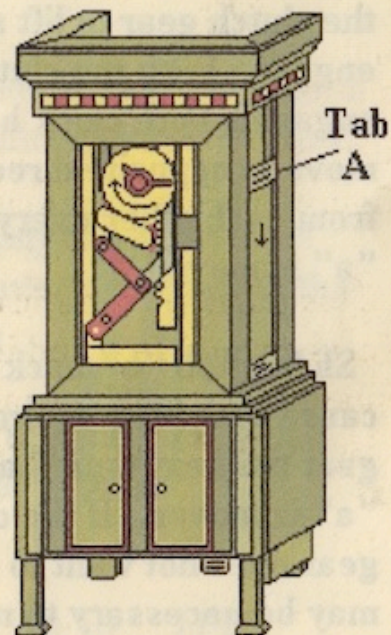
This puzzlebox features solid oak construction with carved wood feet and intricate maple and bloodwood inlays. The mechanical gears, levers and clock hands are also crafted from quality maple and bloodwood.

Stickman No. 6 Puzzleboxes are limited to only 28 finished pieces. This box is No. ____ of the limited edition set.

This box uses gravity to engage and disengage gears. In order for all mechanical parts to work properly, it must be laid on its back on a flat surface while opening.

In order to rotate the short hand, slide tab "a" up and down.

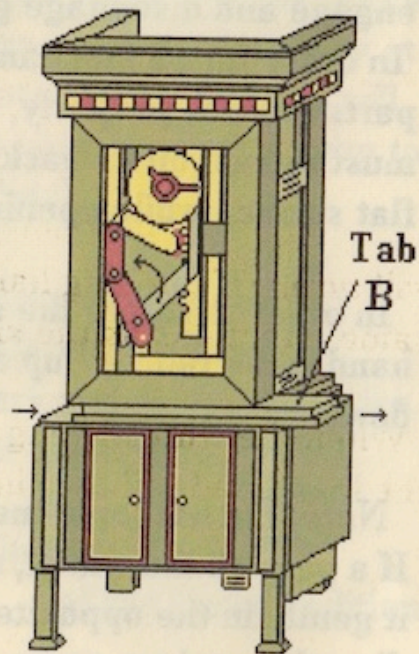
Note: Do not force moves. If a gear seems stuck, move it gently in the opposite direction and try again.



Instruction Booklet Continued

Moving tab "b" will cause the clutch gear to lift and engage. With the clutch gear engaged, both clock hands will move in opposite directions from each other every time tab "a" is moved.

Sliding tab "b" back will cause the clutch to drop out of gear the next time that tab "a" is moved. If the clutch gear does not want to drop, it may be necessary to move tab "b" slightly to the right and back again .



Using tab "a" and tab "b", continue working the clock hands until they reach one of the following times below.

When the clutch is not engaged, only the short hand will turn. (If the long hand does move, it will turn in the same directions as the short hand.)

When the clutch is engaged, both the short hand and the long hand will turn in opposite directions.

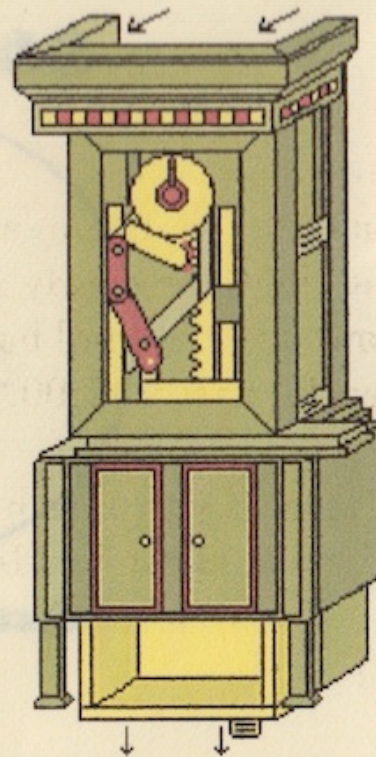
6:30 7:25 8:20 9:15 10:10 11:05

Instruction Booklet Continued

Once both hands are positioned exactly at 12:00, gently slide the crown of the box forward until it stops.

With the crown slid forward, pull the tab on the bottom of the box, and the secret drawer will come out.

Note: The secret drawer cannot be closed again until the crown is slid back down.



Once both hands are set in one of the disclosed positions on the previous page, ensure that tab "b" is moved fully to the right and slowly slide down tab "a" until both hands reach exactly 12:00.

Note: If you pass by 12:00 with one of the hands, you can slide tab "a" back and try again.

