

FIGURE IV

**BUT**

you have not solved it yet, because you still have to **TURN THE DOWEL!** SO

after dropping Dowel 3, (and you can tell this because blocks A and B will not now meet the crossbar) grasp block D (right hand) and block A (left hand) like this

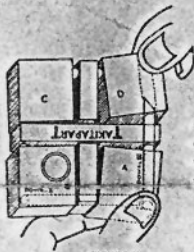


FIGURE V

This Turns the Dowel and you "TAKITAPART!" like this:

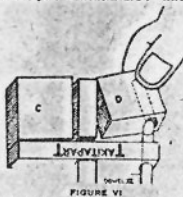


FIGURE VI

**ORDER OF ASSEMBLY:**

1. Interlock crossbars with "TAKITAPART", upside down.
2. In this position place plain block in lower right hand corner.
3. Insert Dowel 1 (shortest square end dowel).
4. Place coin block in lower, left hand corner.
5. Insert Dowel 2 (medium length square-end dowel). Be sure it goes to bottom of Block B.
6. Insert Dowel 3 with bevelled point showing.
7. Place plain block C.
8. Insert Dowel 4 (longest square-end dowel). Be sure it goes over end of Dowel 2 and to the bottom of Block C.
9. Now put Puzzle on edge with "TAKITAPART", still upside down and hold as in Figure IV, spreading blocks A and B to let Dowel 3 fall into place, (viz: over the end of Dowel 1), as shown in Fig. IV.
10. Now turn face of bevel toward you; slide Block D on to Dowel 4; revolve toward you and then back over the bevel.
11. Now turn puzzle with "TAKITAPART" right side up—jiggle it a bit so that Dowel 3 falls and blocks A and B meet the crossbar—Now it is locked—but keep the Secret and Puzzle Your Friends!

# Confidential

KEEP THE SECRET AND PUZZLE YOUR FRIENDS!

## TAKITAPART SOLUTION

PAT. PEND. TR. MK.

While simple and fundamental in form, "TAKITAPART" nevertheless embraces three physical principles: viz. Gravity; Obstruction and Rotation.



FIGURE I

The puzzle is made of 10 pieces of wood—4 square blocks, two interlocking bars, and four pins or dowels. This construction gives a loose, easy, "about-to-come-apart" FEEL and from a first "This is Easy" conception, you begin to realize that everything is not as simple as it may look! From confidence you turn to doubt and from doubt to puzzlement—"TAKITAPART" becomes a contest wherein your self respect is involved. Try it before you read further.

**TAKITAPART X-RAY'D**



FIGURE II

Here is "TAKITAPART" (with the word "TAKITAPART" right side up) drawn to show the lengths and shapes of the pins or dowels. Now note that Dowel 1 does not fully reach the limit of its boring (or tunnel) and note that Dowel 3 is bevelled at one end. You will understand now that when you turn "TAKITAPART" to the next position (with the coin block pointing to the Earth and the opposite block pointing at the sky and the name "TAKITAPART" upside down) like this

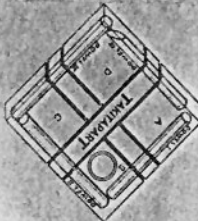


FIGURE III

—that Dowel 3 will fall on to the end of Dowel 1.

Now spread Blocks A and B by holding as in Figure IV and, by gently jiggling the puzzle, Dowel III will slide over the end of Dowel 1 as seen in Figure IV.

(Continued on other side)