

Fig. 2 Plan

FIG. 2.—RANGING BETWEEN TWO BLOCKS NOT INTERVISIBLE.

- 1, 4. Standard blocks.  
2. Position of first set-up.

3. Position of second set-up.  
5, 6. Pegs on line.

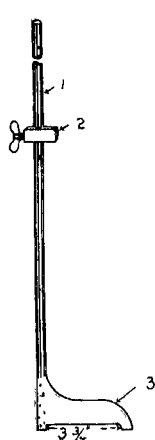
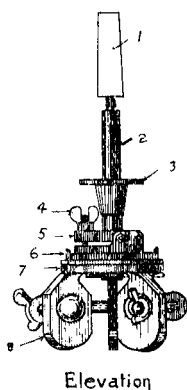


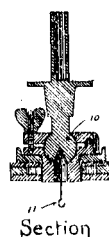
Fig. 3



Elevation



Fig. 6



Section

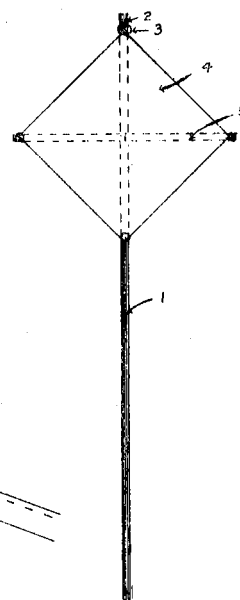


Fig. 5

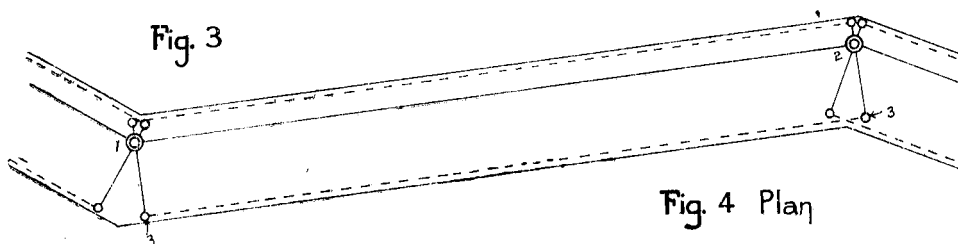


Fig. 4 Plan

FIG. 3.—GRADE-ROD TO ENABLE ANGLES OF ELEVATION AND DEPRESSION BETWEEN TABLES TO BE READ.

1. Rod about 5 ft. long.  
2. Sighting-signal, adjustable to height of instrument.  
3. Brass foot to stand on top of chaining-table.

FIG. 4.—SHOWING LAYING-OUT OF OFFSET LINES IN TOWNS.

- 1, 2. Standard blocks.  
3. Offset pegs at right angles to standard lines, the lines between being parallel to standard lines and as nearly as possible 5 links from line of occupation.

NOTE.—The standard lines are measured first, and offset pegs put in. These lines are then measured as carefully as the main lines and offsets taken. Three measurements are thus obtained for each standard line without check chainage. Occupation-points are taken with 10 links offset rod.

FIG. 5.—BACKGROUND FOR SIGHTING-VANE.

1. Flagpole.  
2. Hook.  
3. Brass rings sewn on black-cloth screen.  
4. Diamond-shaped black-cloth screen.  
5. Cross-arm pivoted in centre to flagpole.

FIG. 6.—CHAINING, AND SIGHTING-TRIPOD HEAD.

1. Sighting-vane (may be replaced by 9).  
2. Socket for above.  
3. Horizontal plate on which level is placed.  
4. Clamping-screw for ball.  
5. Clamping-plate for ball.  
6. Clamping-screw for shifting-head.  
7. Shifting-head.  
8. Lugs with bolts and nuts to attach to tripod-legs.  
9. Chaining-plug (in place of vane).  
10. Ball cut out to receive plummet-string hook from centre.  
11. Plummet-string hook.