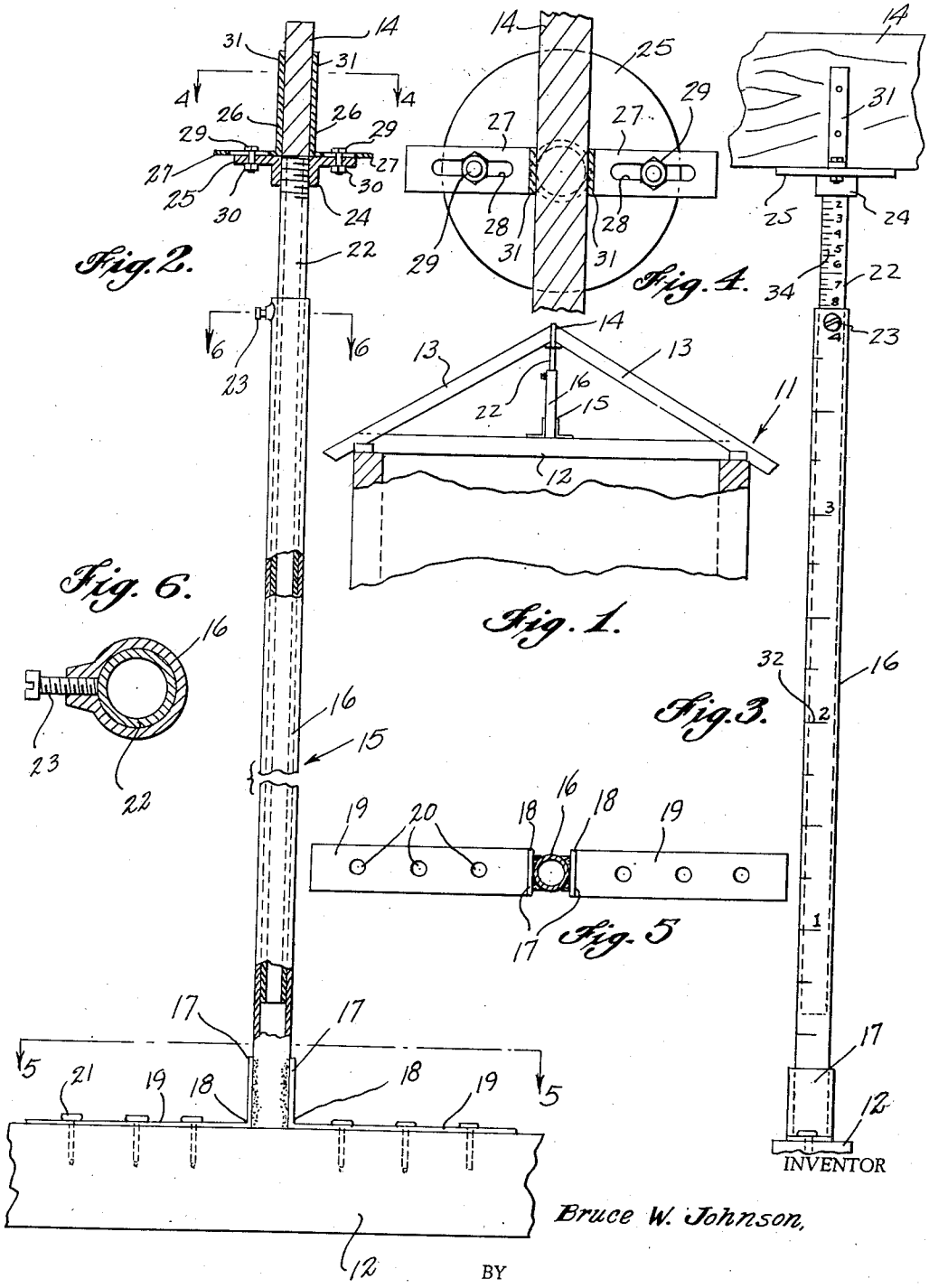
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RIDGE BOARD HOLDER

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RIDGE BOARD HOLDER

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3 Claims. (Cl. 33—180)

This invention relates to supports, and more particularly to an improvement in adjustable ridge board jigs or holders for use in building construction.

The main object of the invention is to provide a novel and improved ridge board holder which is adapted to be used to support a ridge board during the erection of the framing of a building, said holder being simple in construction, being easy to use, and being adjustable to a predetermined desired height to support the ridge board in its desired position for accurately measuring rafters and other roofing frame elements during the course of construction of a building.

A further object of the invention is to provide an improved ridge board holder which involves inexpensive components, which is sturdy in construction, which is easy to adjust to a desired height, and which greatly reduces the amount of time and labor required in positioning a ridge board on the frame of a building.

Further objects and advantages of the invention will become apparent from the following description and claims, and from the accompanying drawings, wherein:

Figure 1 is a fragmentary front elevational view, partly in transverse vertical cross section, of a building, showing the manner in which a ridge board holder according to the present invention is employed to support a ridge board in position for the accurate measurement and placement of the rafters on the building frame.

Figure 2 is an enlarged elevational view, partly in vertical cross section, of the ridge board holder employed in Figure 1 and its arrangement with respect to the ridge board and supporting joist.

Figure 3 is a side elevational view of the structure shown in Figure 2.

Figure 4 is an enlarged horizontal cross sectional view taken on the line 4—4 of Figure 2.

Figure 5 is a horizontal cross sectional view taken on the line 5—5 of Figure 2.

Figure 6 is an enlarged horizontal cross sectional detail view taken on the line 6—6 of Figure 2.

Referring to the drawings, 11 designates a building of conventional construction having a roof structure including horizontal joists 12, rafters 13, and a ridge board 14 which is disposed between the abutting upper ends of the rafters 13, 13 and secured thereto.

In measuring and positioning the rafters 13, it is desirable to support the ridge board 14 in its intended position and for this purpose ridge board holders, such as the ridge board holder 15 are employed, the ridge board holders being secured on the joists 12 and being adjusted to the proper height to support the ridge board 14 in its intended position.

Each ridge board holder 15 comprises a main tubular support 16 having rigidly secured to its lower end, as by welding or the like the arms 17, 17 of a pair of diametrically opposed supporting brackets 18. The brackets 18 are of right-angle shape and have the relatively long base arms 19 which extend in diametrically opposite directions outwardly from the lower end of the main tubular support 16, and are apertured, as shown at 20, to receive nails 21 or other suitable fasteners for securing the support 16 in an upright position on a joist 12 at the mid point of the joist, or at any other desired location of the joist over which the ridge board must be located.

Slidably received in the main tubular support 16 is the tubular rod 22 which may be clamped in an adjusted elevated position projecting from the top end of the external tubular support 16 by means of a set screw 23 threaded through the top wall portion of the support 16 and being clampingly engageable with the inner tubular rod 22. Threadedly engaged on the top end of the rod 22 is the collar 24, said collar being formed with the outwardly projecting horizontal annular flange 25. Adjustably secured on the flange 25 in diametrically opposed positions thereon are the respective angle brackets 26, 26, the angle brackets having the legs 27 which are formed with longitudinal slots 28 through which extend the fastening bolts 29, said bolts being engaged through diametrically opposed apertures provided in the flange 25 and being provided with the clamping nuts 30, which when tightened, lock the legs 27, 27 in desired adjusted positions on the flange 25. Thus, the upstanding arms 31, 31 of the brackets 26, 26 may be adjusted symmetrically on opposite sides of the center line of the tubular rod 22 to define a spacing therebetwen to receive the ridge board 14 and to support the ridge board in its intended position, as shown in Figure 2.

The main tubular support member 16 is provided with the foot scale 32, marked off in feet and fractions thereof, as shown in Figure 3, and the extensible tubular rod 22 is provided with an inch scale 34 marked off in inches and fractions thereof, whereby the rod 22 may be accurately positioned at a desired elevation above the supporting joist 12.

It will be readily understood that by using the ridge board supporting holders above described, the ridge board may be accurately supported in its intended location, greatly facilitating the measurement of the rafters 13 and the placement of the rafters in proper positions in abutment with the ridge board.

While a specific embodiment of an improved ridge board holder has been disclosed in the foregoing description, it will be understood that various modifications within the spirit of the invention may occur to those skilled in the art. Therefore, it is intended that no limitations be placed on the invention except as defined by the scope of the appended claims.

What is claimed is:

1. A ridge board holder comprising a tubular support, means for securing said support in an upstanding vertical position on a building frame element, a tubular rod slidably received in said support, a set screw threaded through a top portion of said support and being engageable with said rod for clamping said rod in an adjusted elevated position projecting from the top end of said support, an annular collar threadedly engaged on the top end of said rod, a horizontal annular flange on said collar, and a pair of spaced upstanding parallel arms adjustably secured on said flange and being adapted to receive a ridge board therebetween, said tubular rod being provided with an inch scale extending along its length and the tubular support being provided with a foot scale along its length, for setting said collar to a desired height above said building frame element.

2. A ridge board holder comprising a vertically extensible and retractable support, a circular flange on said support lying in a horizontal plane for disposition against the horizontal bottom edge surface of a ridge board extending diametrically across said flange, thus to support the ridge board at a selected elevation above a portion

of a building frame on which said support rests, and a pair of angle brackets mounted upon the flange at diametrically opposite locations, for disposition of the brackets adjacent the opposite sides of the ridge board, said brackets being mounted upon the flange for adjustment toward and away from the center of the flange along a line extending diametrically of the flange, for shifting of the brackets into engagement with the opposite side surfaces of the ridge board along a path perpendicular to the length of the ridge board, said brackets respectively including vertical arms extending upwardly from the flange to engage said sides of the ridge board.

3. A ridge board holder comprising a vertically extensible and retractable support, a circular flange on said support lying in a horizontal plane for disposition against the horizontal bottom edge surface of a ridge board extending diametrically across said flange, thus to support said ridge board at a selected elevation above a portion of a building frame on which the support rests, and a pair of identical but opposite L-shaped brackets slidably

mounted upon the flange at diametrically opposite locations for adjustment toward and away from the flange center along a common path lying diametrically of the flange so as to effect the adjustment of the brackets along a line normal to the length of the supported ridge board, each of said brackets including a horizontal leg in slidable contact with the flange and having a connection to the flange, and a vertical arm extending upwardly from the plane of the flange for engagement against the adjacent side edge surface of the ridge board on adjustment of the respective brackets toward each other.

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