

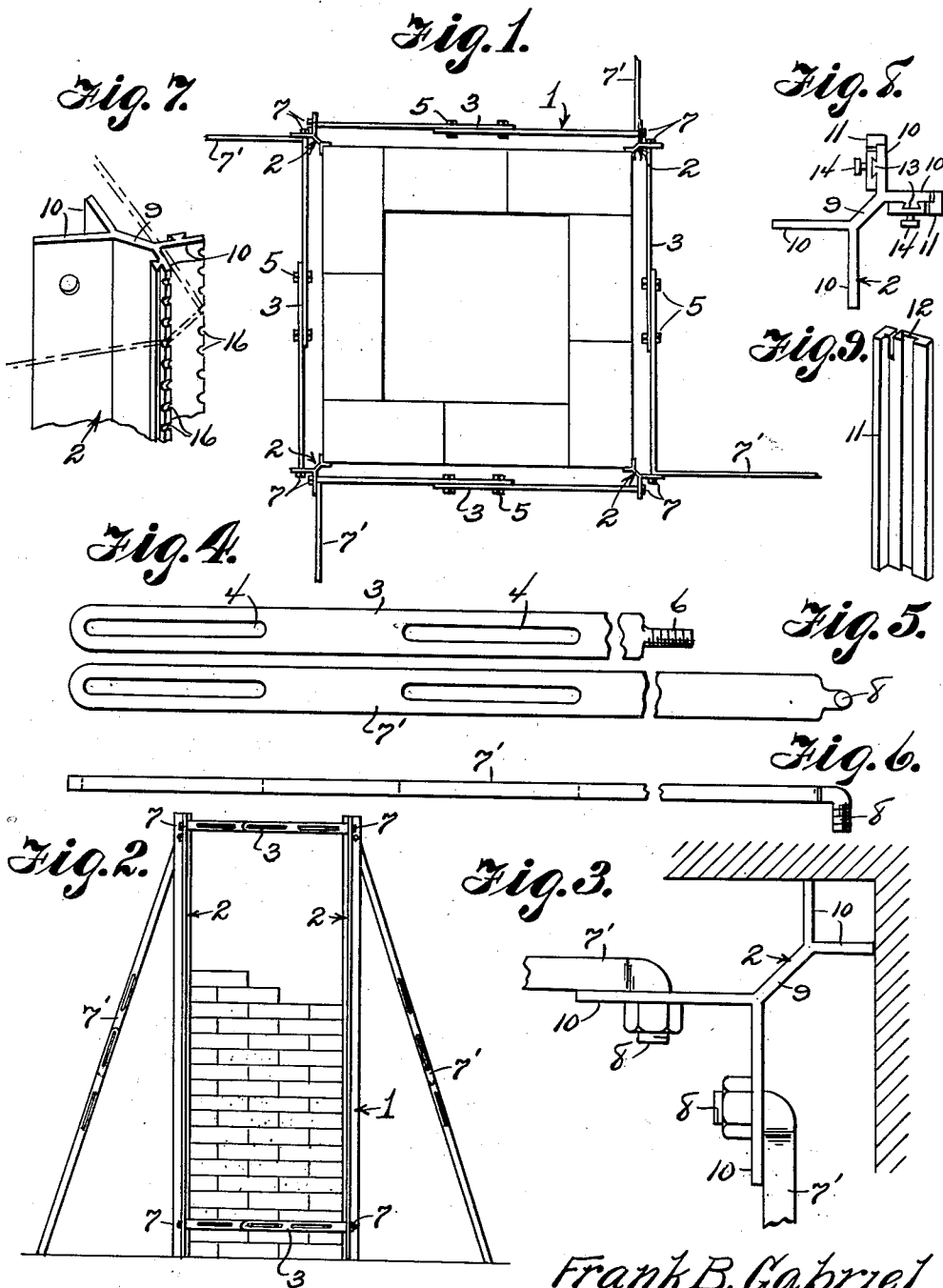
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F. B. GABRIEL

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CHIMNEY CORNER GUIDE

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Frank B. Gabriel
INVENTOR

By Victor J. Evans & Co.
ATTORNEY

UNITED STATES PATENT OFFICE

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CHIMNEY CORNER GUIDE

Frank B. Gabriel, Lake City, Iowa

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2 Claims. (Cl. 33—85)

This invention relates to corner guides especially adapted for aiding in the construction of chimneys, corners of buildings or any other device wherein it is essential that the building materials be laid so that the corners of the structure formed thereby will be perpendicularly true, and has for the primary object the provision of a device of this character which may be readily set up for use and may be employed either for outside or inside work and will aid in retaining the building elements, such as bricks and blocks in their proper laid position during the setting up of the binder employed between said elements.

With these and other objects in view, this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawing, in which

Figure 1 shows a guide constructed in accordance with my invention for the purpose of assembling a chimney from bricks or like elements.

Figure 2 is a side elevation illustrating the same.

Figure 3 is a fragmentary plan view, partly in section, showing the use of my invention for inside work at the corner of a building or like device.

Figure 4 is a plan view illustrating one of the connecting elements.

Figure 5 is a plan view illustrating one of the brace elements which also may be employed for a connecting element.

Figure 6 is an edge view illustrating said brace element.

Figure 7 is a fragmentary perspective view showing notches provided in the guide members to receive a working line.

Figure 8 is a top plan view showing a guide member equipped with supporting strips to receive the working line.

Figure 9 is a fragmentary perspective view illustrating one of the supporting strips.

Referring in detail to the drawing, the numeral 1 indicates my device set up for the assembling of a chimney or like rectangular structure and includes corner guide members 2 connected with one another by connecting members 3, each including companion sections provided with slots 4 to receive fasteners 5 whereby said connecting member may be varied as to length. One end of each section is provided with a screw threaded

shank 6 to receive a nut 7 for detachably securing said section to any one of the corner members 2. Also detachably secured to the corner members are braces 7', each composed of companion sections adjustably connected. One section has a right-angularly disposed screw threaded end 8 to extend through an opening in the corner member and receive thereon a nut. The braces 7' also may be employed for connecting the corner members, as shown in Figure 3, when employing said corner members upon the inside of a wall construction, as shown in Figure 3.

Each guide member 2 consists of a plate-like portion 9 of a desired length and has integral with opposite edges thereof portions 10. The portions 10 at each edge of the plate-like portion 9 diverge from one another. However, the portions 10 at one edge of the plate-like portion 9 are of a greater width than the other portions 10. The portions 10 at one edge of the plate-like portion 9 act as rests, while the other portions 10 act as attaching mediums. The portions 10 which provide rests engage either with interior faces of a structure or the exterior faces, this being clearly illustrated in Figures 1 and 3.

The guide members 2 when assembled as shown in Figures 1 or 3 permit a structure to be assembled of bricks or the like with the corners of the structure perpendicularly true and the bricks after being laid with the binder therebetween will be held in proper position to prevent shifting by the device during the setting up or hardening of the binder.

Slidably and adjustably secured to the portions 10 of the guide members 2 are supporting strips 11, grooved at their upper ends to receive a working line, the ends of which may be suitably secured to one of said supporting strips after passing through the groove thereof. The supporting strips have dove-tail grooves 12 to receive tenons 13 on the portions 10 and set screws 14 are provided for securing the supporting strips in any of their adjusted positions. The construction described permits the supporting strips to be removed from the guide members or the portions 10 thereof when not in use.

When employing the guide members at the outside corners of work under construction the edges of the portions 10 may have a series of notches 16 for the purpose of receiving a working line and permitting said working line to be raised and lowered to meet with different conditions.

Having described the invention, I claim:

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1. A corner guide comprising a plurality of vertically arranged guide members each including a plate-like portion, diverging rests and connecting portions formed integrally with opposite edges of said plate-like portion, means adjustably connecting the connecting portions of said members to one another with the rest portions contacting a structure at the corners thereof while being assembled.
2. A corner guide comprising a plurality of vertically arranged guide members, each includ-

ing a plate-like portion, diverging rests and connecting portions, said connecting portions each having notches and any one of said notches may receive a working line, means adjustably connecting the connecting portions of said members to one another with the rest portions contacting work under construction at the corners thereof, and supporting strips slidably and adjustably secured to the rests.

FRANK B. GABRIEL.