Jan. 4, 1955 M. SCHOTSCH 2,698,487

DOOR LOCK GAUGE

Filed Nov. 30, 1953

Fig. 1.

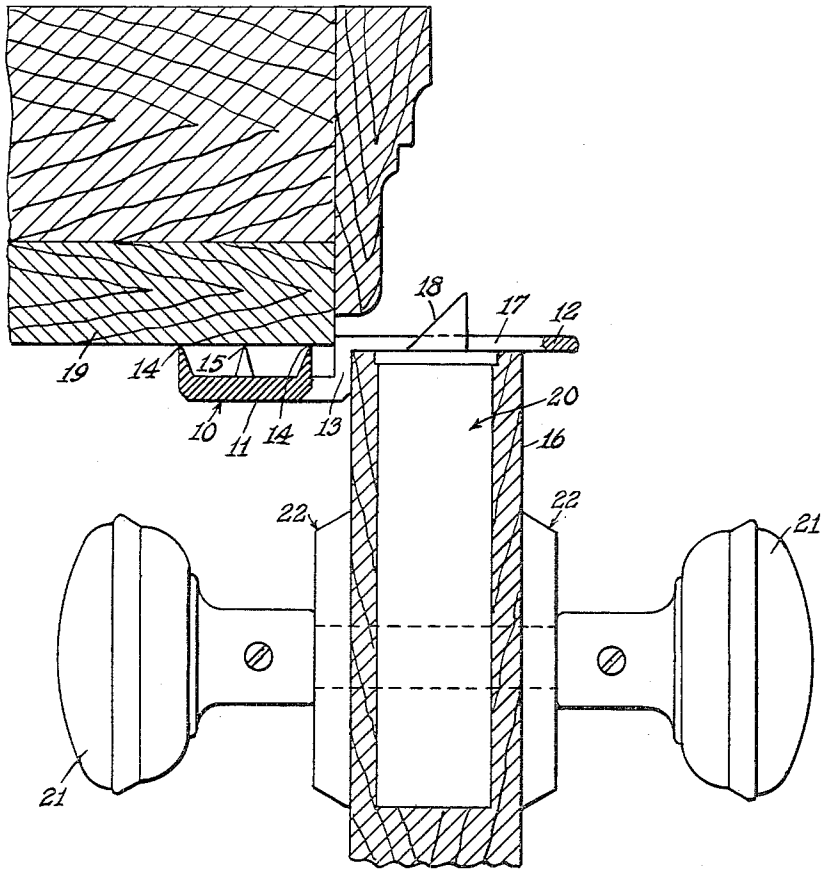



Fig. 2.

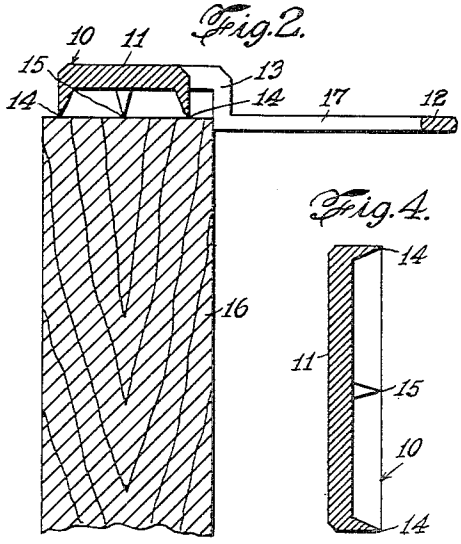
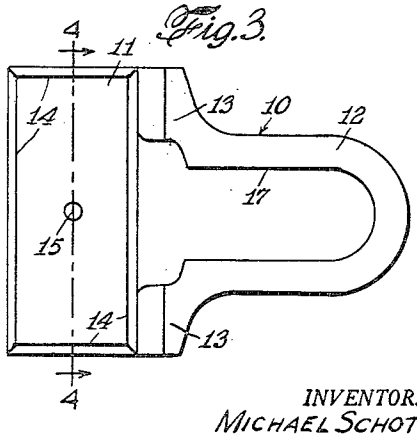



Fig. 4.




Fig. 3.




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# DOOR LOCK GAUGE

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2 Claims. (Cl. 33—197)

This invention relates to door lock gauges.

It is an object of the present invention to provide an improved door lock gauge which will permit prompt, accurate and easy installation of a door lock. It is another object of the present invention to provide a door lock gauge of the above type which is adapted to be used for gauging both the latch as well as the strike. Other objects of the present invention are to provide a door lock gauge bearing the above objects in mind which is of simple construction, inexpensive to manufacture, has a minimum number of parts, is easy to use and efficient in operation.

For other objects and a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which:

Figure 1 is a fragmentary transverse sectional view of a door and door jamb receiving the same and showing a latch and knob assembly installed in the door and showing the invention in operative use thereon for scribing the strike in the door jamb;

Fig. 2 is a fragmentary transverse sectional view of a door showing the door lock gauge in operative use thereon for installing the latch;

Fig. 3 is a bottom plan view of the door lock gauge, and

Fig. 4 is a sectional view taken along the line 4—4 of Fig. 3.

Referring now to the figures, there is shown a door lock gauge referred to collectively as **10** and including a flat rectangular portion **11** offset from an elongated portion **12** by a middle portion **13**, the middle portion **13** being disposed at right angles to the flat portion **11** and elongated portion **12**. The face of flat portion **11** adjacent the intermediate portion **13** is integrally formed around its periphery with a rectangular knife edge **14** continuous and adapted to markoff the recess for the latch face, as shown in Fig. 2, during the initial mounting operation. The face **11** within the knife edge **14** is also provided with a central point **15** for marking the center of the hole to be drilled for the latch bolt and receiving therein the center of the drill mouth piece. It will be noted that when the gauge **10** is placed on the vertical edge of door **16** (Fig. 2) the intermediate portion **13** abuts the face thereof and properly centers the knife edge **14** along the vertical edge, as will be obvious. The rear face of the gauge **10** is then struck with a hammer to provide a continuous rectangular slit receiving the latch face when cut out into a recess and provided with a central hole formed by point **15** for receiving the drill mouth piece for boring the latch bolt hole.



The elongated portion **12** is provided with an opening **17** having parallel sides and adapted to fit snugly onto the latch end **18**, as shown in Fig. 1, with the intermediate portion **13** resting against the adjacent face of the door **16** therebetween and abutting the door jam **19**, thus properly positioning the continuous knife edge **14** in point **15** upon the door jamb. The gauge is again hit to inscribe the rectangular recess for the strike, not shown, as well as marking the central opening for receiving the drill mouth piece. Thus, the strike is properly positioned automatically as to height and lateral position, by positioning the elongated portion **12** on the latch end **18** and abutting the intermediate portion **13** between the door **16** and jamb **19**.

Fig. 1 shows the latch assembly **20** after mounting and includes the knobs **21** and knob assembly **22** of well known construction.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

What is claimed is:

1. A door locking gauge comprising a substantially rectangular plate integrally formed around its periphery with a continuous, substantially rectangular scribing edge, a central scribing point secured to said plate within said scribing edge, said rectangular plate continuing beyond one longitudinal edge of said scribing edge, a predetermined amount, and being integrally formed with an intermediate portion at right angles thereto, said intermediate portion having a squared face adjacent said rectangular plate and adapted to abut the adjacent face of a door whereby to position said scribing edge laterally thereon, and an elongated portion integrally formed at the end of said intermediate portion remote from said rectangular plate and extending substantially parallel to said plate, said elongated portion having an opening therein adapted to receive snugly therewithin the end of the door latch after the latter has been mounted.

2. A marking gauge according to claim 1, said opening continuing along substantially the length of said elongated portion and extending through said intermediate portion and continuing along said rectangular plate to the adjacent edge of said scribing edge.

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