Oct. 29, 1935. J. FORTE 2,019,217

DOOR SECURER

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Fig. 1.

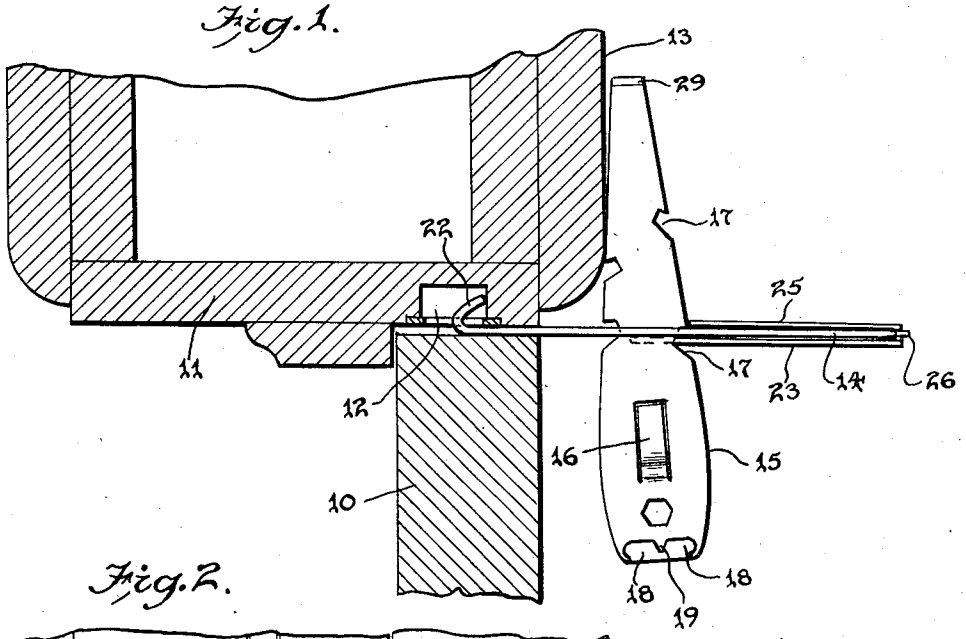



Fig. 2.

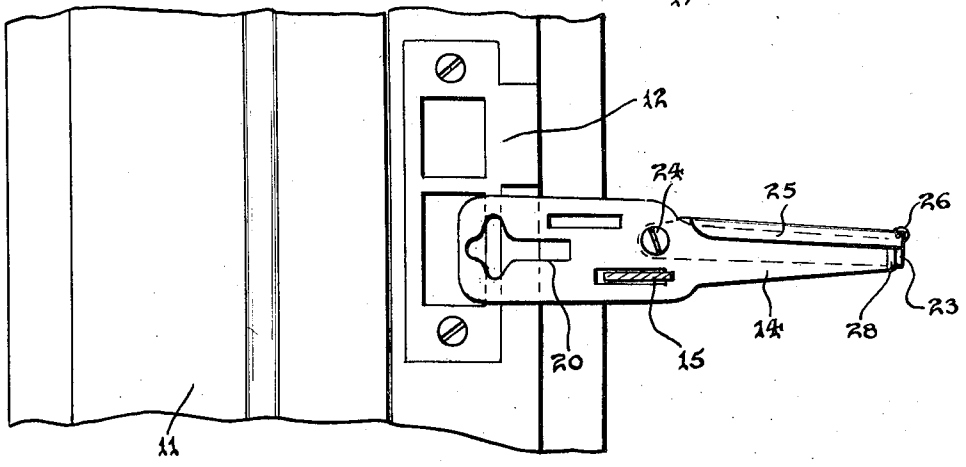
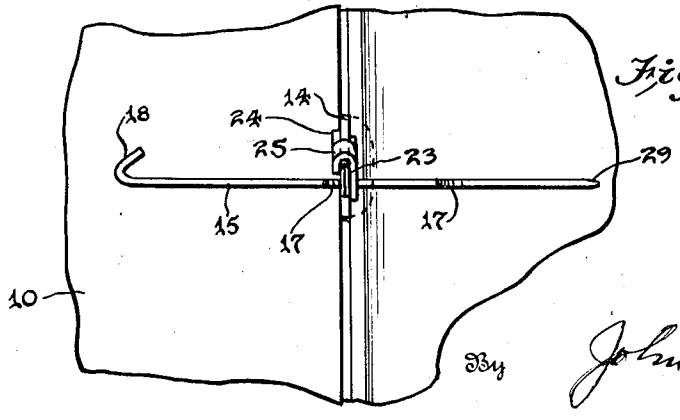



Fig. 3.




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Fig. 4.

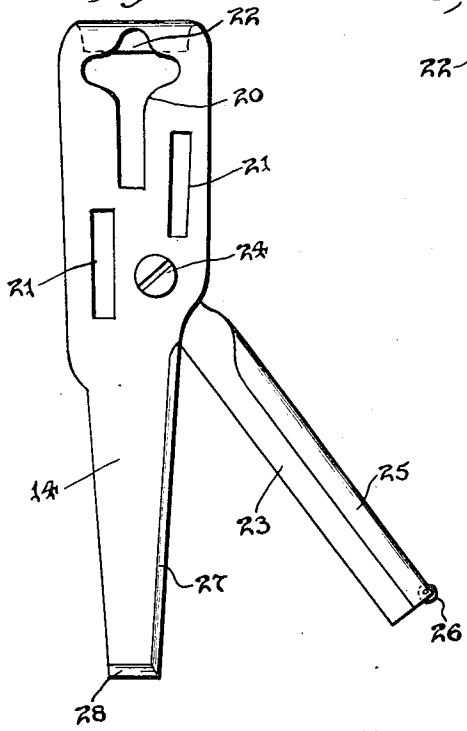



Fig. 5.

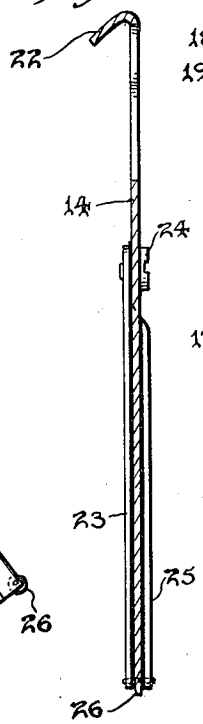



Fig. 6.

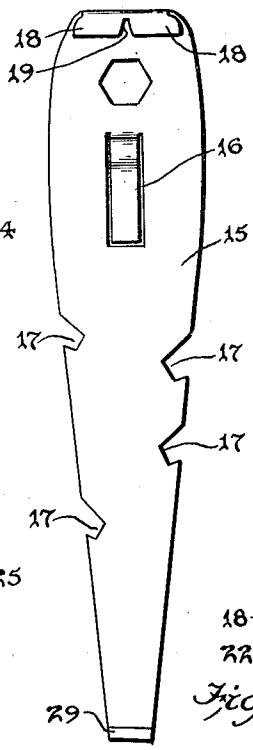



Fig. 7.

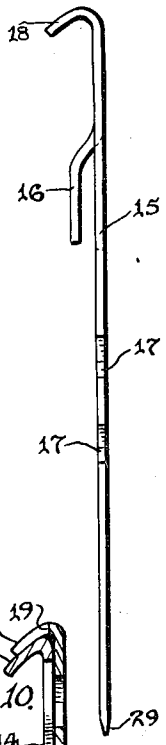



Fig. 10.

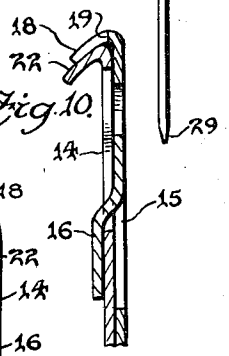



Fig. 8.

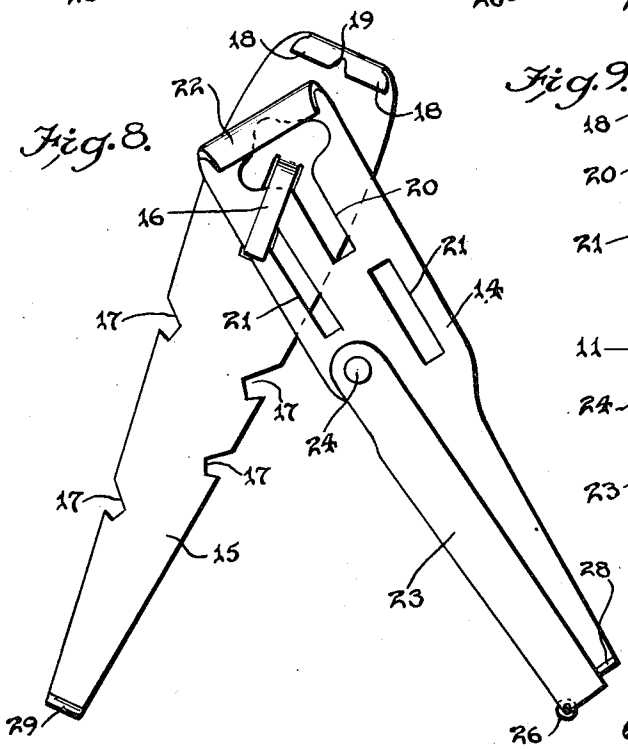



Fig. 9.

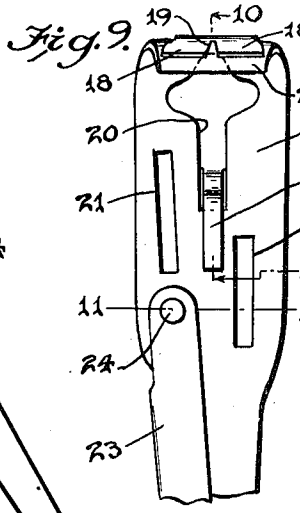
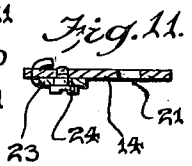



Fig. 11.




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Patented Oct. 29, 1935 2,019,217

# UNITED STATES PATENT OFFICE

2,019,217

## DOOR SECURER

John Forte, Hazleton, Pa.

Application July 7, 1934, Serial No. 734,166

1 Claim. (Cl. 292—292)

My invention relates to tools designed so as to be adapted for a variety of different purposes, such being commonly known as combination tools.

The object of my invention is to provide a device of the character mentioned which will be of such design to be adapted to efficiently serve in the capacity of a large number of different tools.

The combination tool is especially designed to serve as an auxiliary door-securer to be placed on the inside of a door. If the lock should be picked, the auxiliary securing means will prevent entry by an intruder.

Other objects will appear hereinafter.

With these objects in view my invention consists in a device characterized as above mentioned and in certain details of construction and arrangement of parts as will be hereinafter fully described and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a horizontal sectional view of a door and door frame with the combination tool shown in the door frame as an auxiliary door-securer.

Figure 2 is an elevational view of the door frame and keeper with the door-securer shown placed therein.

Figure 3 is an elevational view of a part of the inside of the door and door frame showing the door-securer in position.

Figure 4 is a front view of one arm of the combination tool.

Figure 5 is a side view of Figure 4.

Figure 6 is a rear view of the second arm of the combination tool.

Figure 7 is a side view of Figure 6.

Figure 8 is a rear view of the two arms of the combination tool connected together.

Figure 9 is a rear view in part of the two arms of the combination tool in closed position.

Figure 10 is a vertical sectional view taken on line 10—10 of Figure 9.

Figure 11 is a horizontal sectional view taken on line 11—11 of Figure 9.

Referring now in detail to the drawings, 10 represents a door, while 11 is a door frame in which is secured a keeper 12. A wood block 13 is secured to the door frame 11. The numerals 14 and 15 designate the two arms of the combination tool which are tapered in shape. A tongue member 16 is formed integrally with the arm member 15 near its upper portion. The arm 15 has several recesses 17 spaced oppositely on its sides. There are two prongs 18 on the upper end of the arm 15 forming a V-shaped recess 19 and it being adapted to serve as a tack puller. The arm 14 has an opening 20 near its upper end and also two rectangular openings 21. The arm 14 has a prong 22 at its upper end which serves as a putty knife and a bottle opener.

When it is desired to utilize the combination tool as an auxiliary door-securer, the prong 22 of arm 14 is placed in the keeper 12 in the door frame with the free end of the arm extending on the inside of the door. After the arm 14 is placed in the keeper 12, the door 10 is closed. Then the small end of the arm 15 is slid into either opening 21 of the arm 14, as may be required, until a recess 17 in arm 15 registers with the opening 21. If some one should attempt to open the door from the outside, the door would strike the lower end of the arm 15 and this would bind the upper end against the wood block 13, thus preventing the door being opened. The notches 17 are disposed at an angle toward the lower end of the arm 15. The notches 17 have three edges which will securely bind the arm 15 with arm 14 when arm 15 is inserted into one of the slots 21.

There is a small auxiliary arm 23 secured by a screw 24 to the arm 14. The auxiliary arm has a flanged portion 25 which carries a glass cutter 26 at its lower end. The edge 27 of arm 14 is sharpened to form a cutting edge and is adapted to serve as a pencil sharpener. The flanged portion 25 of the auxiliary arm 23 serves as a cover for the beveled edge 27 when in a closed position. The arm 14 is beveled at its lower end 28 to be used as a wood chisel.

The lower end of arm 15 is beveled at 29 so as to be adapted for use as a screw driver. The tongue 16 of arm 15 can be inserted into the opening 20 of arm 14 and thereby the two arms are then secured together, and can be utilized as calipers or dividers. The combination tool can also be used as a weapon of defense by inserting prongs 18 into the opening 20 and grasping the two arms at the point where they are interlocked. The arms 14 and 15 can be folded together when they are not being used. The depending tongue 16 of arm 15 is slid into the opening 20 of arm 14 until the two arms are securely fastened together.

While I have shown what I deem to be the preferable form of my device, I do not wish to be limited thereto, as there might be various changes made in detail of construction without

departing from the spirit of my invention comprehended within the scope of the appended claim and while I have enumerated and described the different purposes for which my device may be used, it is understood that the same may be employed for any other purpose to which it is applicable.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

A door securer of the class described comprising a substantially tapered arm having a prong member at its upper end and having a depending tongue member in its upper portion, and a second substantially tapered arm having a prong member at its upper end, the said second arm having an opening in its upper portion, the tongue member of the first-mentioned arm being adapted to slide into the opening in the second-mentioned arm thereby securely locking the two arms together in folded relation.

JOHN FORTE.