C. B. SHEDD.

STACK COVER.

APPLICATION FILED FEB. 3, 1910.

975,802. Patented Nov. 15, 1910.

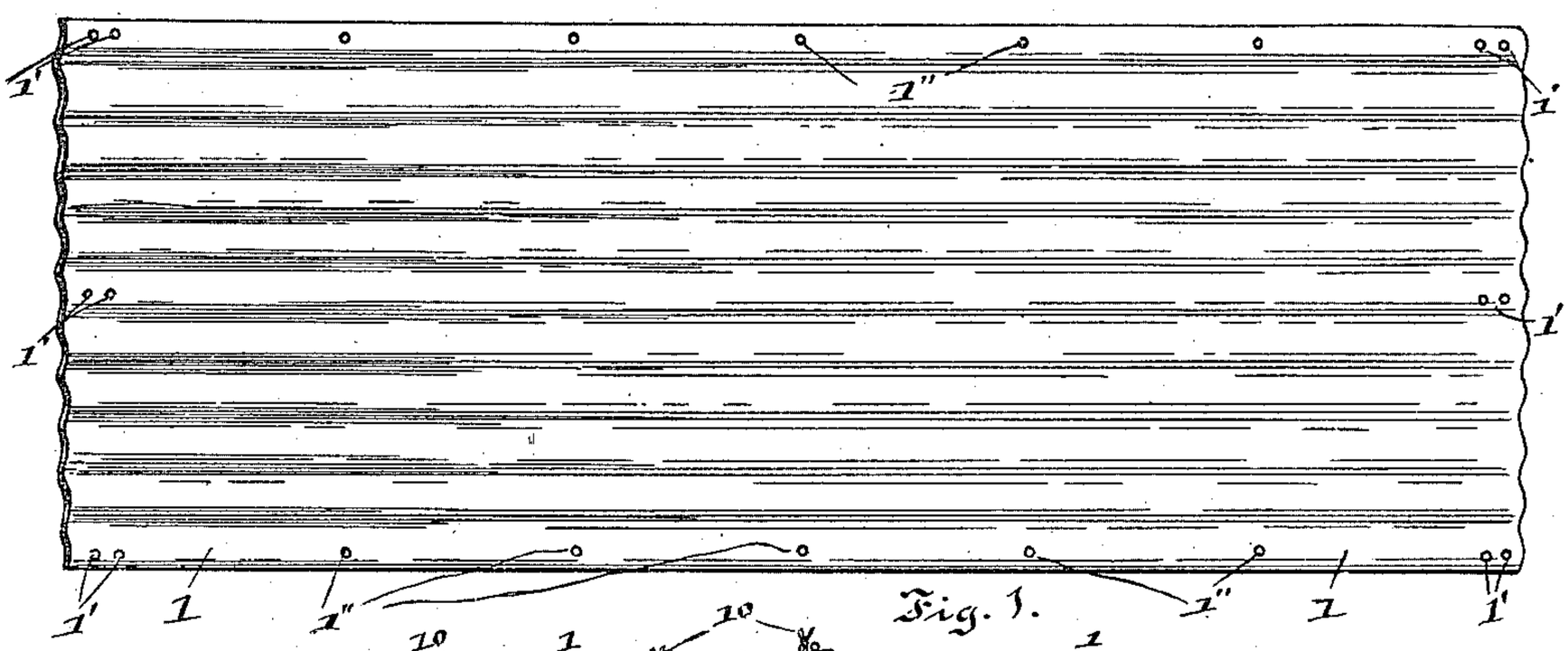

Fig. 1.

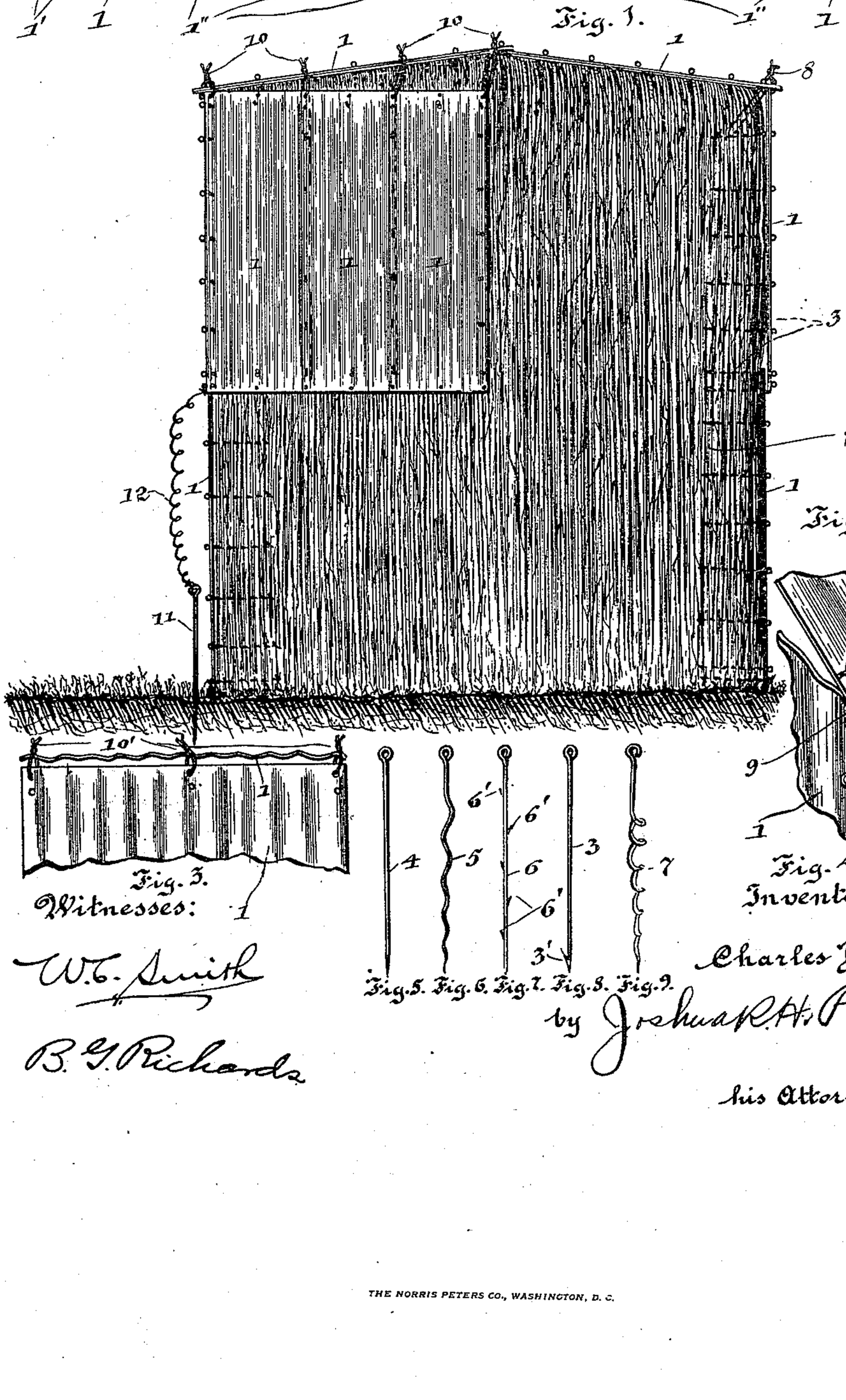

Fig. 3.

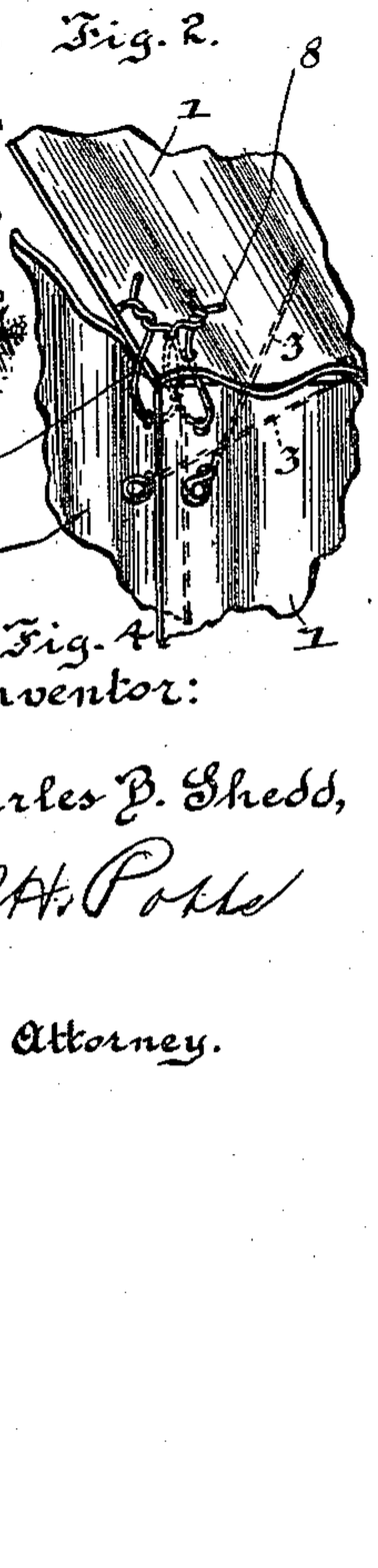

Fig. 4.

Fig. 5. Fig. 6. Fig. 7. Fig. 8. Fig. 9.

Witnesses:

W. C. Smith

B. G. Richards

Inventor:

Charles B. Shedd,

by Joshua R. H. Potts

his Attorney.

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLES B. SHEDD, OF CHICAGO, ILLINOIS.

STACK-COVER.

975,802. Specification of Letters Patent. Patented Nov. 15, 1910.

Application filed February 3, 1910. Serial No. 541,867.

To all whom it may concern:

Be it known that I, CHARLES B. SHEDD, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Stack-Covers, of which the following is a specification.

My invention relates to improvements for the covering and protection of hay and grain stacks from rain, wind, snow, sparks and cattle, the object being to provide an efficient means of this character which may be readily applied and removed from the stack.

A further object of my invention is to provide securing means for the stack cover which may be manipulated with facility by unskilful operators.

Other objects will appear hereinafter.

With these objects in view my invention consists in the novel construction and arrangement of parts which will be hereinafter fully described and particularly pointed out in the appended 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 perspective view showing a section of the stack cover in its preferred form, Fig. 2 is an end elevation of a stack showing sections applied to the top and sides and to a portion of the end thereof, Fig. 3 is a detail view showing the method of securing a side section to a top section, Fig. 4 is a detail perspective view showing the method of securing the top, side and end sections together at a corner of a stack, and Figs. 5, 6, 7, 8 and 9 are detail side elevations showing securing pins, any one of which is adapted to be used for securing sections to the stack.

Referring now to the drawings, 1 designates a rectangular metallic section a plurality of which is used for inclosing the top, side and ends of the stack 2, said sections being interchangeable. The sections 1 are secured to the stack 2 by means of the pins as illustrated in Figs. 5, 6, 7, 8 and 9, the pin 3 shown in Fig. 8 being preferred. The straight pin 4 is provided with a sharp point and a loop handle, as are the other pins, and may be used when the material composing the stack is hard and densely packed. The pin 5 is sinuously formed and obviously will be held more secure in the stack than the pin 4. The pin 6 is provided with barbs 6′ distributed throughout its length, and the preferred form of pin 3 with a single barb 3′ at the end thereof. Pin 7 is corkscrew shaped and, while it cannot be inserted as quickly as the others, forms a very reliable securing means.

The top sections 1 are pinned to the stack as shown in Fig. 2, and the side and end sections are tied thereto at the corner of the stack by means of wires 8 and 9 respectively, as illustrated in Fig. 4, the end section secured by the wire 9 not being shown in Fig. 2. The end and side sections 1 as shown in Figs. 2 and 3 respectively are suspended from the top sections by means of the wires 10 which are similar to the wires 8 and 9. The sections 1 are all of the same elongated rectangular form and are provided with longitudinal corrugations and perforations 1′ and 1″ adjacent the edges, the latter perforations being spaced equally. The perforations are formed in the raised portions of the corrugations, as shown, in order that a minimum amount of rain shall leak through onto the stack, the channel portions of the corrugations being adapted to conduct away the rain even if the top section is directly level. The stack in Fig. 2 is shown with but two rows of top sections which form an obtuse gable at the end, but it is understood that if the stack is larger than the one illustrated that additional rows of top sections may be used, the perforations of each section being in registration with those of an adjacent section when said edges are suitably overlapped, whereby a single pin or pins may serve in holding two sections.

A lightning rod 11 connected to the metallic cover of the stack by means of the conductor 12 is mounted as shown in Fig. 2, this provision insuring the stack against fire during thunderstorms.

While I have shown what I deem to be the perferable form of my improved stack cover I do not wish to be limited thereto as there might be various changes made in the details of construction and arrangement of parts described without departing from the spirit of the invention comprehended within the scope of the appended claims.

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

1. In a stack cover, a plurality of inter-

changeable elongated rectangular sections arranged in rows on the stack, and securing means therefor, each section being corrugated longitudinally and provided with a series of perforations adjacent the edges thereof adapted to engage said securing means, the latter consisting of pins adapted to pierce the stack, substantially as described.

2. In a stack cover, a plurality of elongated metallic sections arranged in rows on the top, sides and end of the stack and securing means therefor, each section being corrugated longitudinally and provided with a series of symmetrically arranged perforations adjacent the edges thereof adapted to engage said securing means, the latter consisting of pins having looped heads and barbed ends, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES B. SHEDD.

Witnesses:

JANET E. HOGAN,

HELEN F. LILLIS.