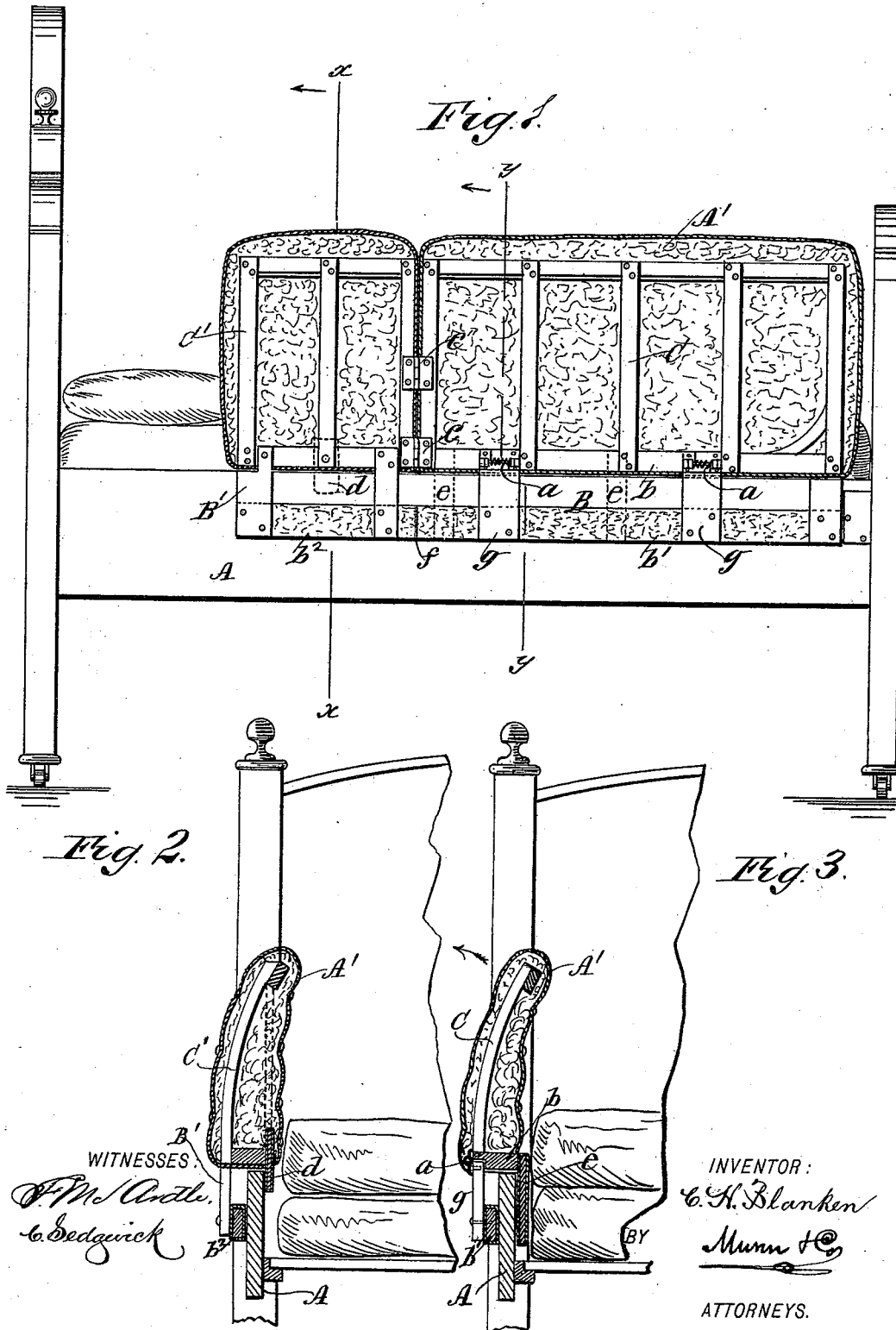


(No Model.)

C. H. BLANKEN.
REMOVABLE SIDING FOR BEDS.

No. 421,656.

Patented Feb. 18, 1890.



UNITED STATES PATENT OFFICE.

CLAUS H. BLANKEN, OF CHARLESTON, SOUTH CAROLINA.

REMOVABLE SIDING FOR BEDS.

SPECIFICATION forming part of Letters Patent No. 421,656, dated February 18, 1890.

Application filed September 9, 1889. Serial No. 323,395. (No model.)

To all whom it may concern:

Be it known that I, CLAUS H. BLANKEN, of Charleston, in the county of Charleston and State of South Carolina, have invented a new and Improved Removable Siding for Beds, of which the following is a full, clear, and exact description.

My invention relates to an improved removable siding for beds, the object being to provide an ordinary bed with padded sides that are removable when not required for use.

A further object is to furnish removable sides to ordinary beds and afford ready access to the bed when the sides are in position.

With these objects in view my invention consists in the construction and combination of parts, as hereinafter described, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon, similar letters indicating like parts in all the figures.

Figure 1 is a side elevation of a bed having the improved removable side frame in position thereon. Fig. 2 is a transverse section of a side portion of a bed and an attached removable side frame, taken on the line *xx* in Fig. 1; and Fig. 3 is a cross-section of the side frame in position on the bed, taken on the line *yy* in Fig. 1.

A represents the side rail of a bed, of the usual form, on which the complete detachable siding *A'* is secured. Said frame consists, essentially, of a rectangular slatted structure *C C'*, formed of wooden strips secured together so as to afford a strong and light frame.

The main portion *C* of side frame *A'* is hinged at *a* to a pendent clamping-frame *B*, which is intended to bear against the bed-rail *A*, its lower longitudinal bar *b'* being padded and upholstered to render the engaging surface soft, and thus prevent injury to the rail.

Any suitable number of upwardly-projecting arms *g* are attached to the clamping-bar *b'*, and to the upper ends of these arms the spring-hinges *a* are attached, said hinges being also secured to the lower rail *b* of the slatted frame *C*.

Upon the inner surface or edge of the rail *b* a series of depending finger-pieces *e* are se-

cured at their upper ends, these fingers projecting downwardly a sufficient distance to have a good bearing upon the inner surface of the side rail *A* of the bed and opposite the clamping-bar *b'*. (See Fig. 3.)

The slatted frame *C* is upholstered and padded to afford a neat finish and cushioned surface, said covering being extended over the ends and both sides of the frame, as shown in Fig. 3. In Fig. 1 the padding is removed from the outside of the device to show the construction of its interior parts.

At *c c* the portion *C'* of the removable siding *A'* is hinged to the main portion *C*, and as this portion is nearest the head-board of the bed it affords an opening, when swung outwardly, for the ingress and egress of occupants of the bed.

The entire length of the siding *A'*, when the gate *C'* is closed, is so proportioned to the length of the bed-rails *A* that a proper space near the head-board will be allowed, so that air will be admitted to the occupants.

The depending portion *B'* of the gate *C'* is firmly secured to the lower rail of the gate-frame, and its padded rail *b''* is made to align with the bar *b'* of the hinged clamping-frame *B*, these being separated at *f* in the same vertical plane with the hinges *c*, which will permit the gate to be vibrated thereon.

A turn-button *d* is pivoted on the lower rail of the gate-frame upon the inner surface of said rail, so that it may be adjusted by turning it to have a locking-contact with the inner face of the bed-rail *A*, as shown in Figs. 1 and 2.

It is intended to provide a bed with sidings such as has been described on each side of the same, these being constructed to fit the right and left side rails, and locate the gates near the head-board, or opposite each other.

Owing to the provisions for clamping the "sidings" on the rails of the bed by spring-actuated clamping-frames *B* the device can be quickly adjusted in place and instantly removed by a lifting movement, while a secure adjustment is afforded which prevents lateral movement of the siding-pieces when in place.

Manifest advantages result from the employment of the adjustable siding-pieces which have been described. They will ob-

viate the use of a "crib" for children, will retain covers in place, will cut off cold-air drafts, and in case of sickness will support the bed-covering sufficiently to relieve an invalid of a portion of its weight.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A removable siding for a bed, having a gate at one end which is hinged to the siding and swings outwardly, substantially as set forth.

2. In a removable siding for a bed, the combination, with a main-frame portion, a depending frame hinged to the main frame, springs which press the main frame inwardly, and depending fingers secured to the inner surface of the main-frame portion, of a gate

hinged to the main frame and a device to hold the gate closed, substantially as set forth.

3. In a removable siding for a bed, the combination, with a slatted main-frame portion which is padded or cushioned, a depending clamping-frame, spring-hinges which connect these frames and force the depending frame inwardly, and a series of depending fingers attached to the inner surface of the main-frame portion, of a padded gate hinged to one end of the main-frame portion so as to align with it, and a turn-button for securing said gate in position, substantially as set forth.

CLAUS H. BLANKEN.

Witnesses:

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