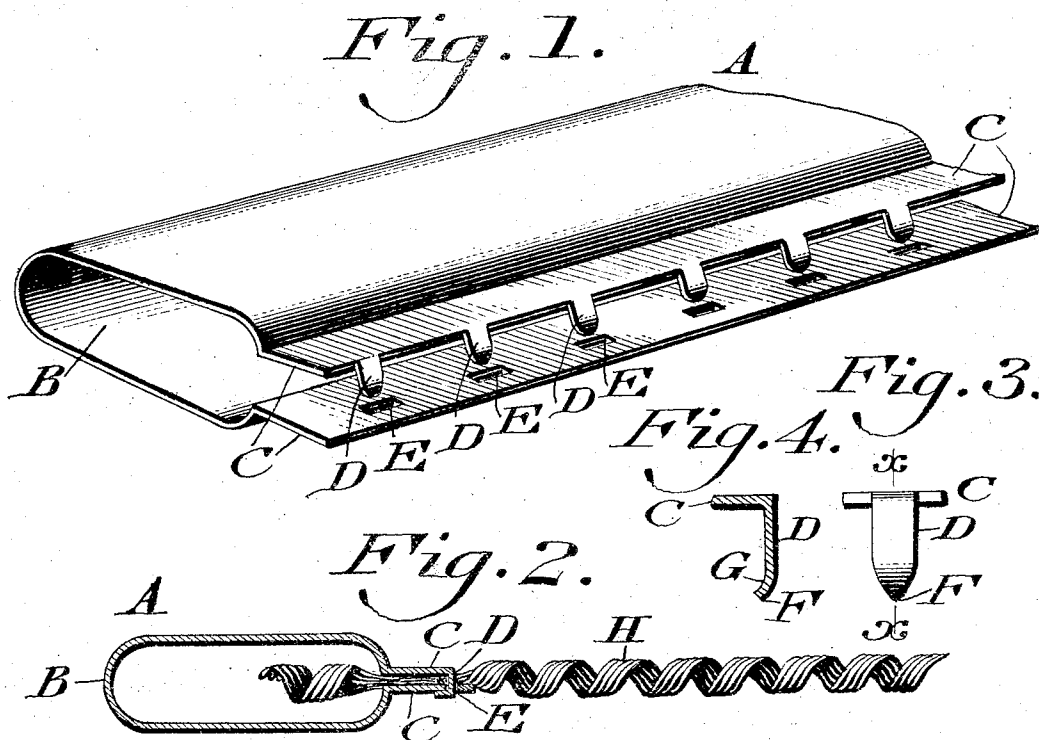


No. 889,007.

PATENTED MAY 26, 1908.

G. HOLDEN.  
END RAIL FOR BED SPRINGS.  
APPLICATION FILED DEC. 2, 1907.



Witnesses  
P. F. Nagle.  
L. Douville.

George J. Holden.  
By Diederichsen & Fairbank  
Attorneys

# UNITED STATES PATENT OFFICE.

GEORGE HOLDEN, OF MERCHANTVILLE, NEW JERSEY, ASSIGNOR TO BERNSTEIN MANUFACTURING COMPANY, OF PHILADELPHIA, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

## END RAIL FOR BED-SPRINGS.

No. 889,007.

Specification of Letters Patent.

Patented May 26, 1908.

Application filed December 2, 1907. Serial No. 404,673.

*To all whom it may concern:*

Be it known that I, GEORGE HOLDEN, a citizen of the United States, residing at Merchantville, in the county of Camden, State of New Jersey, have invented a new and useful End Rail for a Bed-Spring, of which the following is a specification.

My invention consists of a rail for a bed spring formed of metal comprising a body, means for attaching the end of the bed spring thereto, and means for holding the body in closed condition.

For the purpose of explaining my invention, the accompanying drawing illustrates a satisfactory reduction of the same to practice, but the important instrumentalities thereof may be varied, and so it is to be understood that the invention is not limited to the specific arrangement and organization shown and described.

Figure 1 represents a perspective view of the end rail in primary condition. Fig. 2 represents a longitudinal section thereof in operative condition, including a piece of bed spring connected with the rail. Fig. 3 represents a front view of a detached portion on an enlarged scale. Fig. 4 represents a longitudinal section on line  $x-x$ , Fig. 3.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawing: A designates an end rail, the same being formed of a piece of metal bent into a somewhat tubular body B with flanges C on its end portions, said flanges extending right-lined from said body, the latter being resilient, and said end flanges being separated, but adapted to approach each other and contact.

On the edge of one flange C, are lips D, at intervals, and in the other flange C, are slots or openings E located at intervals in register with said lips D, so as to receive the latter, said lips having their ends pointed as at F and curved inwardly on their backs as at G.

The operation is as follows, the rail being shown in Fig. 1 in open condition owing to its separated flanges C:—The end portion of a bed spring H is inserted between the flanges C, and preferably projected somewhat into the body B. The flanges C are pressed closely together, and the lips D being elongated, are passed through the slots E and bent under the contiguous flange so as to embrace the latter, thus closing the ends of the body, holding the flanges firmly in engage-

ment and tightly clamping or gripping the end portion of the spring between said flanges.

It will be noticed that the lower flange C projects beyond the lip D and forms a support in the direction of the length of the rail for the contiguous portion of the bed spring, so that when the latter is occupied, and accordingly depressed, said portion rests on said support, while the lips remain clenched, and so the latter are not liable to be drawn out of the openings E by the linear strain of the bed spring thereon.

It will be seen that as the lips are pointed, they readily enter the respective slots, and as they are curved inwardly, they turn under the flange with which they engage, so as to be properly disposed preparatory to being subjected to the clenching operation.

The body A is formed preferably of sheet metal, which is easily worked and converted into the desired shape with the instrumentalities named.

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

1. An end rail for a bed spring composed of a body having its edges extended in similar direction forming flanges, one of which is of greater width than the other flange and provided with a plurality of openings set back from its edge, the other flange having a plurality of projecting members which are adapted to pass through said openings around the opposite face of the flange and be clenched thereon.

2. An end rail for a bed spring composed of a body having its edges disconnected, flanges projecting respectively from said edges, a lip extending from one of said flanges, and an opening in the other flange, said opening being adapted to receive said lip and permit it to pass therethrough and be clenched on the last-named flange, the flange containing said opening extending beyond the flange containing said lip.

3. An end rail for a bed spring composed of a body having its edges disconnected and extended in similar direction forming flanges projecting respectively from said edges, a lip extending from one of said flanges, and an opening in the other flange adapted to receive said lip, the advance edge of said lip being pointed and the back of the same curved inwardly, said lip being passed through the

opening and extended toward said body and  
clenched against the opposite side of the op-  
posite flange to firmly clamp the fabric be-  
tween the horizontal faces of the flanges.

- 5 4. An end rail for a bed spring, composed  
of a body having its edges extended in hori-  
zontal parallel relation forming flanges, one  
of which is of greater width than the other  
and provided with a plurality of openings set  
10 back from the edge of the flange, and the

other with a plurality of angularly disposed  
integral members adapted to pass through  
said openings around the opposite face of the  
wider flange and be clenched thereon, while  
the fabric will be firmly clamped between the 15  
flanges.

GEO. HOLDEN.

Witnesses:

GEO. E. GRIFFIN,

WILLIAM EISSLER, Jr.