S. G. LEWIS AND G. W. DAUM.

BUFFER.

APPLICATION FILED JAN. 2, 1920.

1,336,527. Patented Apr. 13, 1920.

FIG.2.

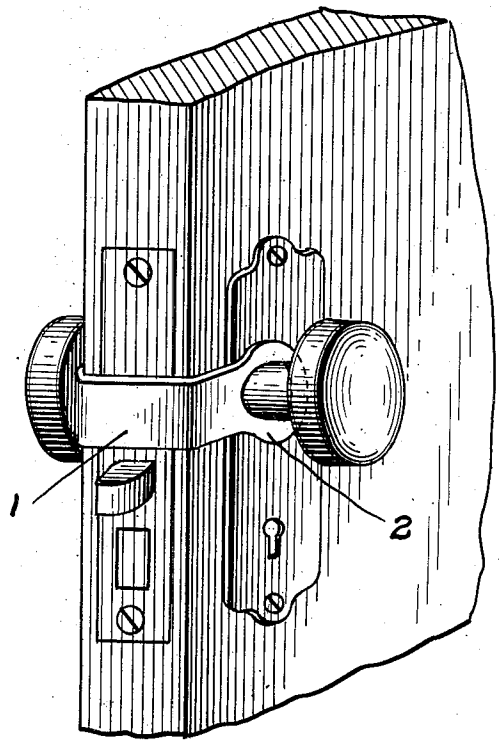
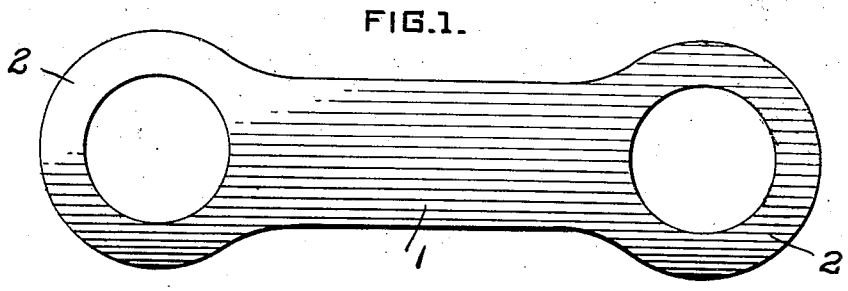


FIG.1.



WITNESSES

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UNITED STATES PATENT OFFICE.

SENECA G. LEWIS, OF GREENSBURG, AND GEORGE W. DAUM, OF JEANNETTE, PENNSYLVANIA.

BUFFER.

1,336,527. Specification of Letters Patent. **Patented Apr. 13, 1920.**

Application filed January 2, 1920. Serial No. 348,733.

To all whom it may concern:

Be it known that we, SENECA G. LEWIS and GEORGE W. DAUM, residing at Greensburg and Jeannette, respectively, in the county of Westmoreland and State of Pennsylvania, both citizens of the United States, have invented or discovered a certain new and useful Improvement in Buffers, of which improvement the following is a specification.

Our invention consists in a buffer, capable of ready application to and removal from a door, and when applied preventing the door from slamming. It is applicable by hand, may be carried by the door when not in use, and is particularly serviceable when applied to hospital doors and doors of sick-rooms, and generally, wherever noise is to be avoided, in spite of much coming and going.

The buffer of my invention is illustrated in the accompanying drawings, and a glance at them will make plain the invention, without labored description. Figure I shows in plain the buffer made in preferred manner; Fig. II is a view in perspective, and to smaller scale, showing the buffer applied to a door.

In preferred form the buffer is cut from a sheet of rubber suitably compounded to meet the conditions of service herein described, and consists of a medial web 1, and of end loops 2, adapted to be stretched over the opposite knobs of an ordinary door and when in place to encircle the shanks on which the knobs are mounted. The length is such as to permit the buffer to fold over the edge of the door and to take its position, as shown in Fig. II with its opposite loops engaging the shanks of the opposite knobs.

The requirements are, first, that the body of the buffer—the portion which abuts against the jamb when the door is swung—shall be sound-deadening; this is accomplished in the use of a material that is in appreciable degree soft and yielding. The further requirement is that the loops shall be elastic, to be stretched over the door knobs and to contract about the shanks. But, given these properties: a soft and yielding body, and elastic loops, the material is not otherwise important: the article may be made in part of one material and in part of another; it may be made of simple or of compound or built-up material; or it may be made of homogeneous material, continuous throughout. As I have said, it is preferably made of sheet rubber, and of about an eighth of an inch or three sixteenths of an inch in thickness, though manifestly the thickness may be much greater or it may be less.

The buffer so applied will abut, when the door is swung, against the jamb, and prevent slamming.

When the door is to be latched, the buffer may be freed at one end from the knob, and then it will hang idly from the opposite knob, where it is out of the way, and yet ready for application at any time. Of course it may be entirely removed when desired.

We claim as our invention:

A door buffer formed of sheet rubber, and comprising a medial web, adapted to fold over the edge of a door, and of terminal loops, adapted to be stretched over the opposite knobs of a door and to come to place about the shanks which carry said knobs, substantially as described.

In testimony whereof we have hereunto set our hands.

SENECA G. LEWIS.
GEORGE W. DAUM.

Witnesses:
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