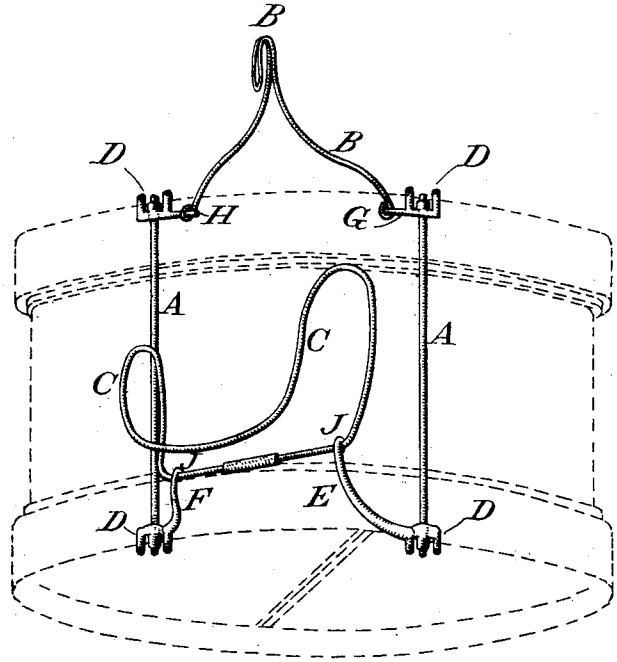
(No Model.)

E. J. CUBLEY.

Hook Attachment to Drums.

No. 241,195. **Patented May 10, 1881.**



Witnesses:

J. Louis O'Connell

Geo. VanZandt

Inventor:

Edwin J. Cubley

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

EDWIN J. CUBLEY, OF RAVENSWOOD, ILLINOIS.

HOOK ATTACHMENT TO DRUMS.

SPECIFICATION forming part of Letters Patent No. 241,195, dated May 10, 1881.

Application filed January 24, 1881. (No model.)

To all whom it may concern:

Be it known that I, EDWIN J. CUBLEY, a citizen of the United States, residing at Ravenswood, in the county of Cook and State of Illinois, have invented a new and useful Knee-Brace and Belt-Hook Attachment to Drums, of which the following is a specification.

My invention relates to improvements in knee-brace and belt-hook attachments to drums in which a movable self-adjusting knee-brace and a side-draft belt-hook are used in connection with a drum carried upon the person of the performer; and the objects of my improvements are, first, to provide a strong and durable attachment; second, to avoid injury to the drum by cutting or perforating the material of which it is made; third, to avoid similar injury to the hoops upon which the drum-heads are stretched; fourth, to firmly attach the knee-brace and belt-hook, so that they cannot rattle when the drum is beaten, or become loose with using; and, fifth, to reduce the number of pieces of which a drum is made and to simplify its construction. I attain these objects by the attachments illustrated in the accompanying drawing, in which the figure is a perspective view of a knee-brace and belt-hook and the parts of a drum to which they are attached.

The dotted outline represents a snare-drum.

The letters A A are placed upon a representation of two straining-rods of the kind used upon drums of the kind called the "Prussian model."

B indicates a belt-hook.

C indicates a knee-brace, which is movable in the small sleeves J J.

D is a hook, through which the rod A passes and which hooks upon the hoop across which the drum-head is stretched. Similar hooks are at each end of the rods A A, and serve to hold the two drum-heads tightly stretched when drawn nearer toward each other by the turning of the rod A, which is a bolt having a permanent head on one end and a screw-thread and nut upon the other.

E and F are metal bars, of the shapes indicated in the drawing, attaching the knee-brace C to the hooks D. H and G are shorter bars similarly connecting the belt-hook B to the drum-hooks D. These attachments E, F, G, and H are made in one piece of metal with the hook to which each is attached, and they project away from the body of the drum and do not touch it at any place, except as the hooks press upon and firmly hold the hoop.

I am aware that prior to my invention knee-braces and belt-hooks have been attached to drums by metal bars. I therefore do not claim such a combination, broadly; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, in a drum, of the metal rods E F G H with the knee-brace C and the belt-hook B, substantially as described.

2. The combination of the metal rods E and F with the small sleeves J J and the drum-hooks D D, and of the metal rods G and H with the drum-hooks D D, substantially as described.

EDWIN J. CUBLEY.

Witnesses:
GEO. VAN ZANDT,
GEO. WOODLAND.