No. 793,342. PATENTED JUNE 27, 1905.

O. BERNARD.

TROUSERS CREASER.

APPLICATION FILED JAN. 25, 1904.

3 SHEETS—SHEET 1.

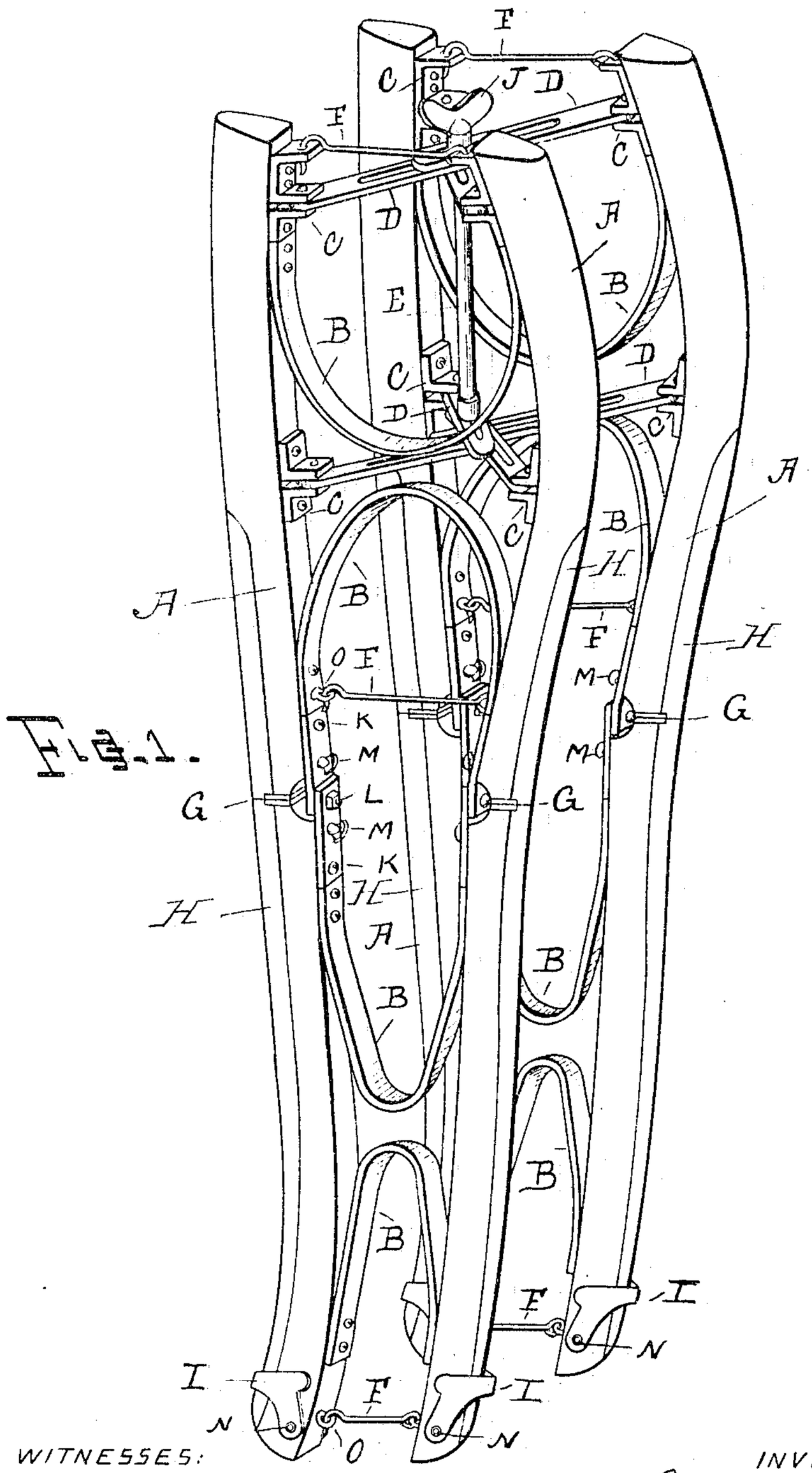

Fig. 1.

WITNESSES:

Franz Wilhelm von Thun.

Herman Feweathal

INVENTOR.

Oscar Bernard

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3 SHEETS—SHEET 2.

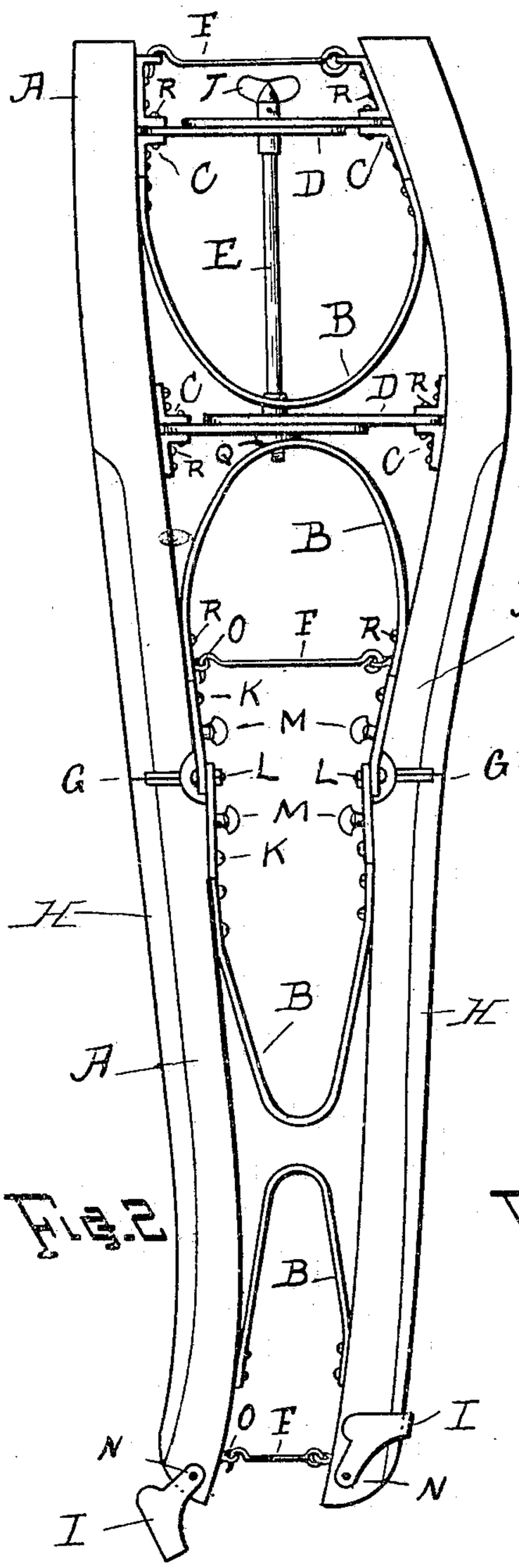

Fig. 2

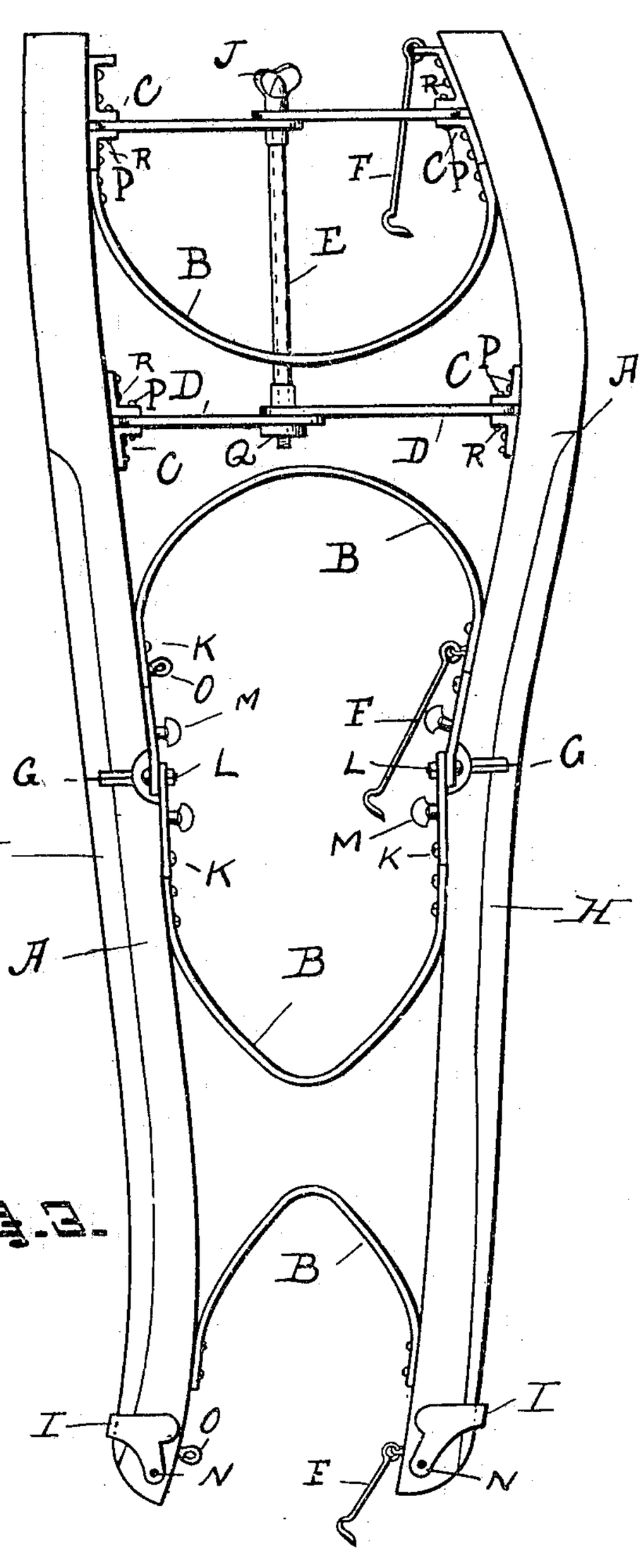

Fig. 3.

WITNESSES:

Franz Wilhelm von Thun.

German Leventhal

INVENTOR.

Oscar Bernard

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3 SHEETS—SHEET 3.

Fig. 4.

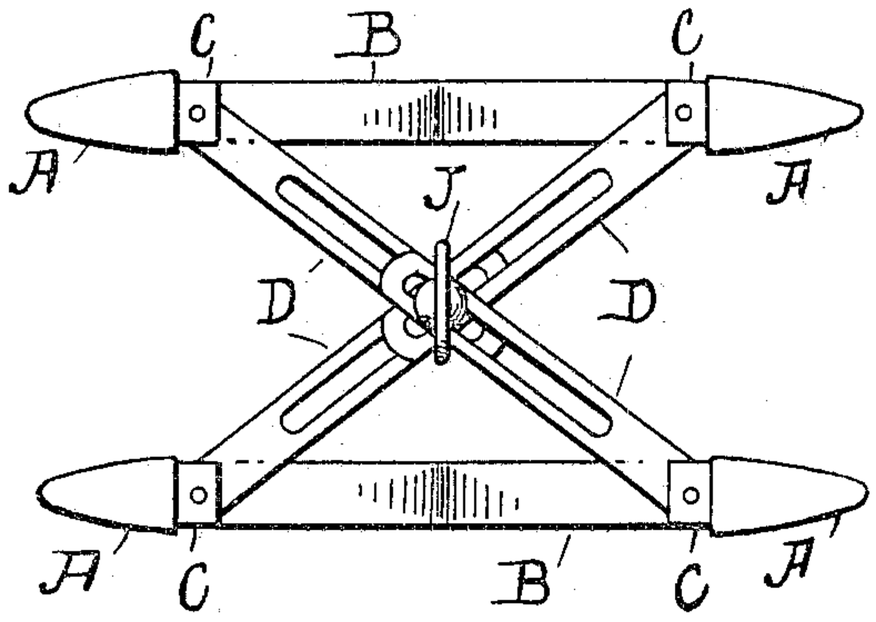


Fig. 5.

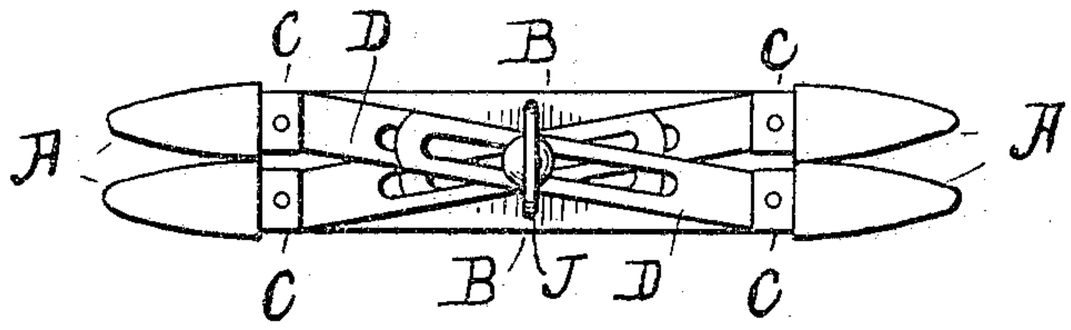
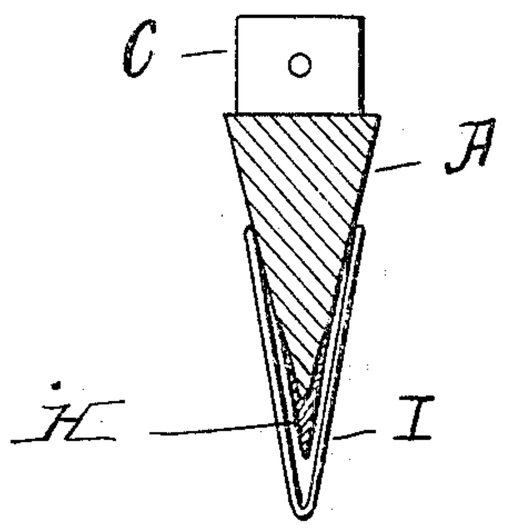


Fig. 6.



WITNESSES:

Franz Wilhelm von Thun.

Herman Lewenthal

INVENTOR.

Oscar Bernard

No. 793,342. Patented June 27, 1905.

UNITED STATES PATENT OFFICE.

OSCAR BERNARD, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR OF ONE-FOURTH TO ARTHUR H. MANNING, OF SAN FRANCISCO, CALIFORNIA.

TROUSERS-CREASER.

SPECIFICATION forming part of Letters Patent No. 793,342, dated June 27, 1905.

Application filed January 25, 1904. Serial No. 190,636.

To all whom it may concern:

Be it known that I, OSCAR BERNARD, a subject of the King of Great Britain, residing at No. 43 Sixth street, in the city of San Francisco, county of San Francisco, State of California, have invented a new and useful Device, of which the following is a specification.

This invention or device is for the purpose of creasing trousers, and the plan or manner of operating the creaser is illustrated and explained by three sheets of drawings and this specification.

Figure 1 is a perspective view of my improved trousers-creaser. Fig. 2 is a side elevation view of the creaser with the hooks in place. Fig. 3 is a side elevation view of the creaser with the hooks removed. Fig. 4 is a sectional view showing position of extension-bars when in use. Fig. 5 is a sectional view showing position of extension-bars when closed. Fig. 6 is a detailed view showing a cross-section of one of the stretcher-bars and the pivoted fastener adjusted thereon.

Each part of the creaser is represented by a letter, beginning with the letter A, and the same will be explained in alphabetical order.

The stretcher-bars A are composed of four pieces of hickory wood, which vary in length according to the size of the trousers to be creased. It is the foundation to which all of the machinery is attached. The upper ten inches of the stretcher-bars are rounded and without metallic edge.

The flat steel springs B are secured to the stretcher-bars by round-head screws. They are eight in number and serve to expand or extend the creaser laterally at the will of the operator.

C represents the brackets, secured to the stretcher-bars by round-head screws R and, with the extension-bar D, adjustable central rod J, and the steel springs B, and the nut Q at lower end of central rod, serve to spread the creaser open, as shown in Figs. 1, 2, 3, 4, and 5.

D represents the extension-bars. They are eight in number and are riveted at one end to bracket C, by which they are fastened to the stretcher-bars A. They are cut out or slotted in the center, through which slot passes the adjustable central bolt J, as shown in Figs. 1, 2, 3, 4, and 5.

E is the steel tube in which the adjustable central bolt J is inserted. This central bolt is a steel rod having a thread on the lower end which screws into a nut Q on the lower side of the extension-bars, by means of which the extension-bars are adjusted, and it also tends to keep the stretcher-bars in position, as shown in Figs. 1, 2, and 3.

F represents the hooks to close the stretcher-bars. They are six in number and are shown in Figs. 1, 2, and 3.

G represents the hinges which allow the creaser to be closed or folded by allowing the lower portion of the creaser to swing outwardly when not in use, as shown in Figs. 1, 2, and 3.

H is the metallic edge which extends a distance of thirty-five inches up from the bottom of the stretcher-bars, by means of which the crease is made in the trousers, as shown in Figs. 1, 2, 3, 4, and 5.

I is the pivoted fastener which holds the bottom of the trousers in position, as shown in Figs. 2 and 3 and 6.

J is the adjustable central rod which passes through the slot in the extension-bars D. It has a thread cut on the lower end, which screws into the nut Q, and it is by means of this bolt that the extension-bars D are adjusted and the stretcher-bars A are kept in position, as shown in Figs. 1, 2, 3, 4, and 5.

K represents the round-headed screws which fasten the hinges to the stretcher-bars. They are longer than the screws R, which fasten the flat spring B and bracket C to the stretcher-bars A.

L represents the bolt and nut which fastens the hinges G together. They are four in number, as shown in Figs. 1, 2, and 3.

M represents the thumb-screws which are employed as additional means to fasten the hinges to the stretcher-bars.

N represents the round-headed rivets which attach the pivoted fastener I to the stretcher-bars A, as shown in Figs. 1, 2, and 3.

O is the screw-eye to which the two lower

hooks F are attached or hooked when the stretcher-bars are in use, as shown in Figs. 1 and 2. The two upper hooks F are attached or hooked to the bracket C when stretcher-bars are in use, as shown in Figs. 1, 2, and 3.

P is the rivet which fastens the extension-bar D to the bracket C, as shown in Fig. 3.

Q is the nut on lower side of extension-bars, into which is screwed the adjustable central rod J, as shown in Figs. 2 and 3.

R is the round-headed screw, three-fourths of an inch long, which fastens the bracket C and spring B to the stretcher-bars A, as shown in Figs. 2 and 3.

To operate the trousers-creaser, I place the trousers to be creased upon the creaser, fasten the bottom of the trousers by the pivoted fastener I, and button the trousers the same as though they were on the person. I then reach down inside the trousers and unfasten the hooks F. This allows the steel springs B to expand the creaser, which will stretch the trousers taut over the metallic edge of the stretcher-bars A. Then with a cloth or sponge I dampen that portion of the trousers directly over the metallic edge of the stretcher-bars. The trousers should remain on the creaser from two to three hours to make a good crease. When not in use and desired to be put aside, I loosen and remove the controlling means of the bars D and also remove the thumb-screws M, whereby the lower portions of the stretcher-bars are free to be folded outwardly upon themselves.

Having fully described my invention, what I claim as such, and wish to secure by Letters Patent of the United States, is—

1. In a device of the character described, stretcher-bars, brackets on the stretchers arranged one above the other, slotted bars pivoted at one end in the brackets, the opposite ends of the bars overlapping, a tube interposed between the overlapping bars, a rod passing through the slots of the bars and through the tube and retaining means carried by the bar.

2. In a device of the character described, stretcher-bars, brackets on the stretcher-bars arranged one above the other, slotted bars pivoted at one end in the brackets, the opposite end of the bars overlapping, a rod passing through the slots, retaining means carried by the rod, springs interposed between the stretcher-bars and adapted to exert lateral movement thereon and hooks pivoted to certain of the brackets and adapted to engage other of the brackets.

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

OSCAR BERNARD.

Witnesses:

GEORGE M. HURLBUT,

W. A. C. SMITH.