

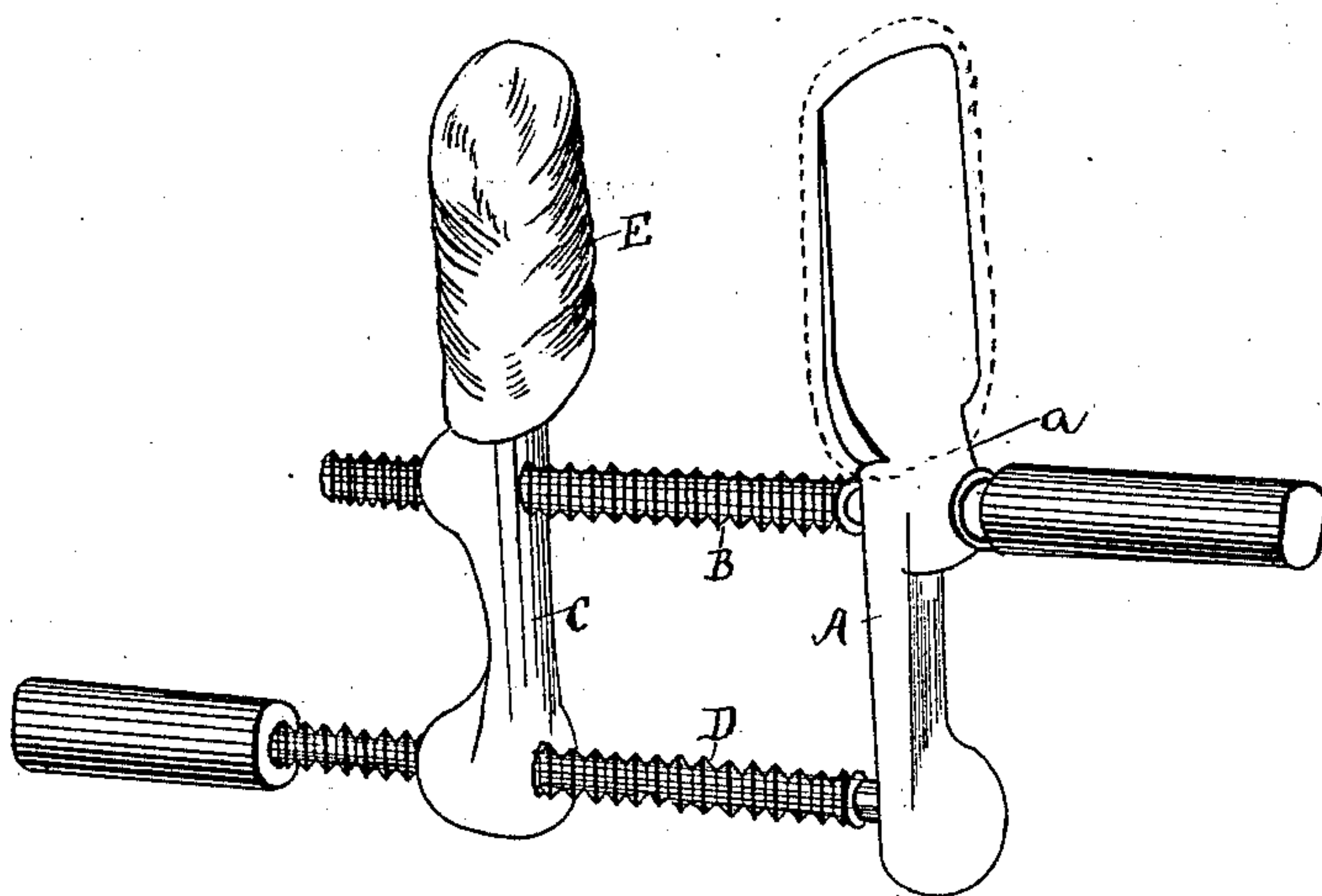
(No Model.)

J. RICE.

DEVICE FOR INCREASING THE ORGANIC ACTION OF THE BLOOD,  
OR MEDICAL MANIPULATOR.

No. 285,160.

Patented Sept. 18, 1883.



Attest:  
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Inventor.  
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# UNITED STATES PATENT OFFICE.

JAMES RICE, OF DETROIT, MICHIGAN.

DEVICE FOR INCREASING THE ORGANIC ACTION OF THE BLOOD, OR MEDICAL MANIPULATOR.

SPECIFICATION forming part of Letters Patent No. 285,160, dated September 18, 1883.

Application filed June 9, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES RICE, of Detroit, in the county of Wayne and State of Michigan, have invented new and useful Improvements  
5 in Medical Manipulators; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing; which forms a part of this specification.

10 This invention relates to certain new and useful improvements in the construction of medical manipulators, by means of which an elastic compression can be produced upon various parts of the human system.

15 The invention consists in the peculiar construction and combination of the various parts, as more fully hereinafter described.

In the accompanying drawing the device is shown with one of the similar jaws of the  
20 clamp uncovered. This device, so far as its operating parts are concerned, resembles in structure the two-screw clamp, such as is ordinarily used by mechanics, except as I will now explain.

25 A represents the fixed jaw, sleeved upon the screw B in such manner as not to interfere with the free rotation of such screw. C is the other jaw, through which the screw B is threaded, as well as the screw D, for the purpose of adjusting the jaws in their relative position in  
30 the well-known manner. Both these jaws, from the point *a* in the immediate front of the screw B, are preferably made wider than the other parts of the jaw, and thinner, tapering  
35 toward the point, in order to give an elasticity at this end of the jaws, which does not occur in the carpenter's clamp, where rigidity of

these parts is necessary for successful operation. To prevent pain to the patient in the application of this device upon more tender  
40 parts of the body, I sleeve upon the elastic part of each of these jaws a cushion, E.

This device will be found of great benefit, when properly applied and manipulated, in producing more efficient action in the differ-  
45 ent organs of the body, in drawing blood from one portion of the system to another, by being securely clamped upon that portion of the system to which it is desired to produce the action and draw the blood, and using the clamp  
50 as a handle, so to speak, producing a violent action of the contact parts, which will cause the blood to center at such points, thereby relieving the other parts where there may be danger arising from a surplus of blood, and in all  
55 cases facilitating the cure of the patient where organic action of the blood and its circulation are the factors necessary to be brought into play.

What I claim as my invention is—

60 1. An adjustable medical manipulator, substantially as described, and provided with elastic jaws, substantially as and for the purposes set forth.

2. In combination with the spring-jaws of  
65 a medical manipulator constructed substantially as described, the removable cushions sleeved thereon, substantially as and for the purposes specified.

JAMES RICE.

Witnesses:

H. S. SPRAGUE,  
E. SCULLY.