

J. G. EGANHOUSE.  
BUST DEVELOPER.  
APPLICATION FILED OCT. 29, 1908.

936,434.

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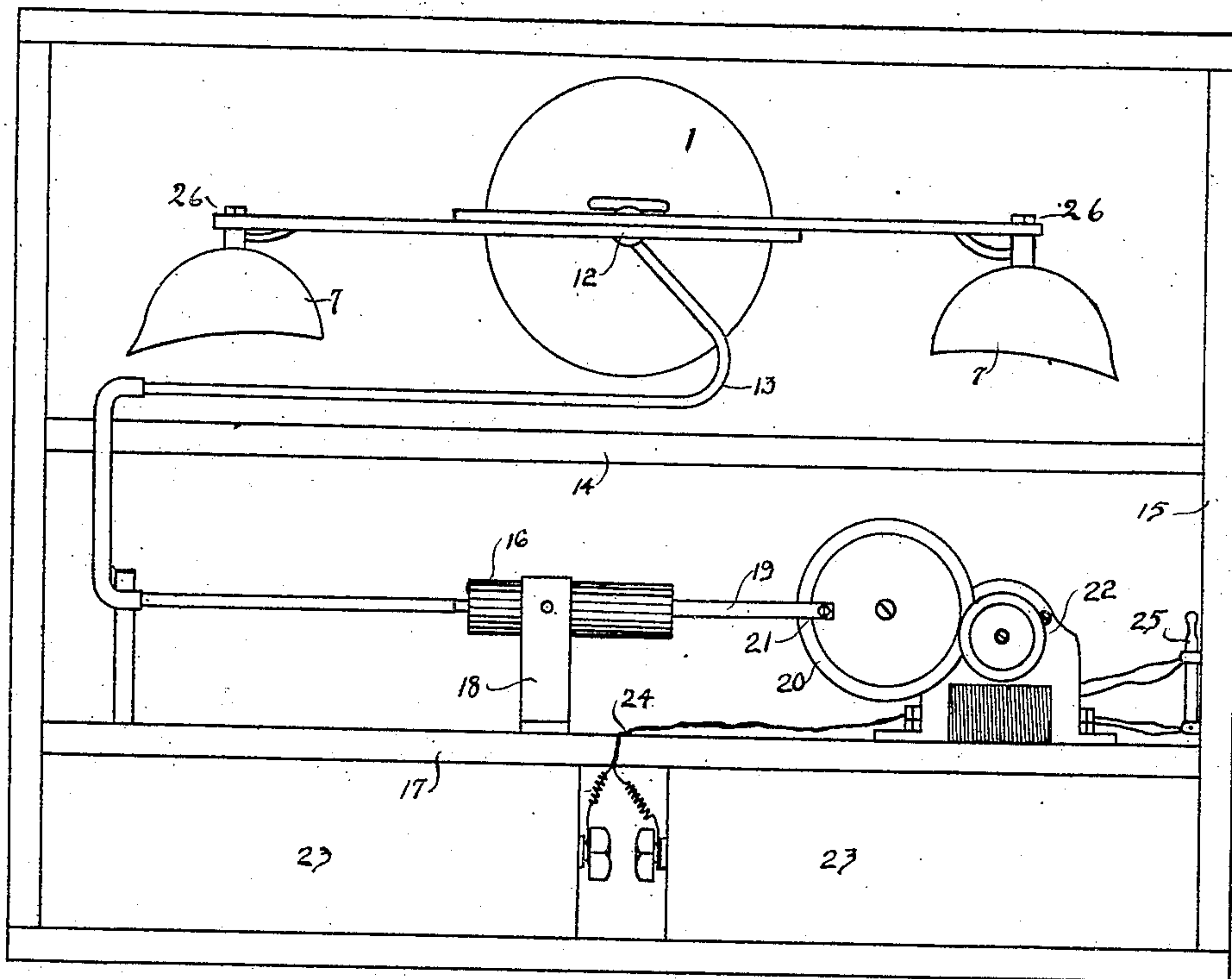


Fig. 1.

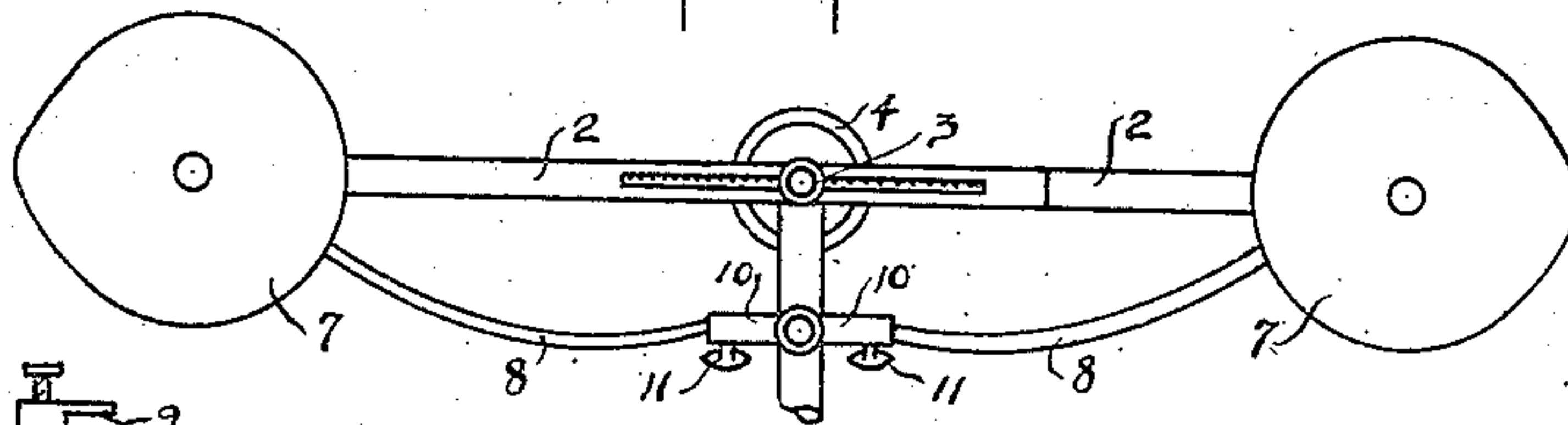


Fig. 2.

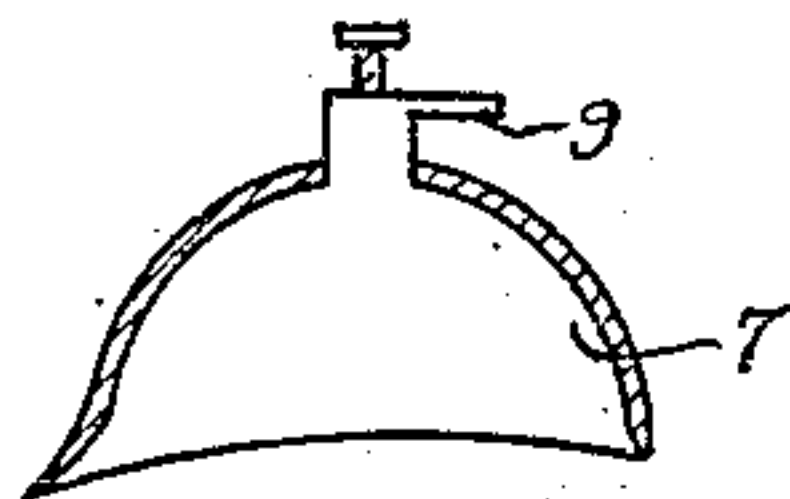


Fig. 3.



Fig. 4.

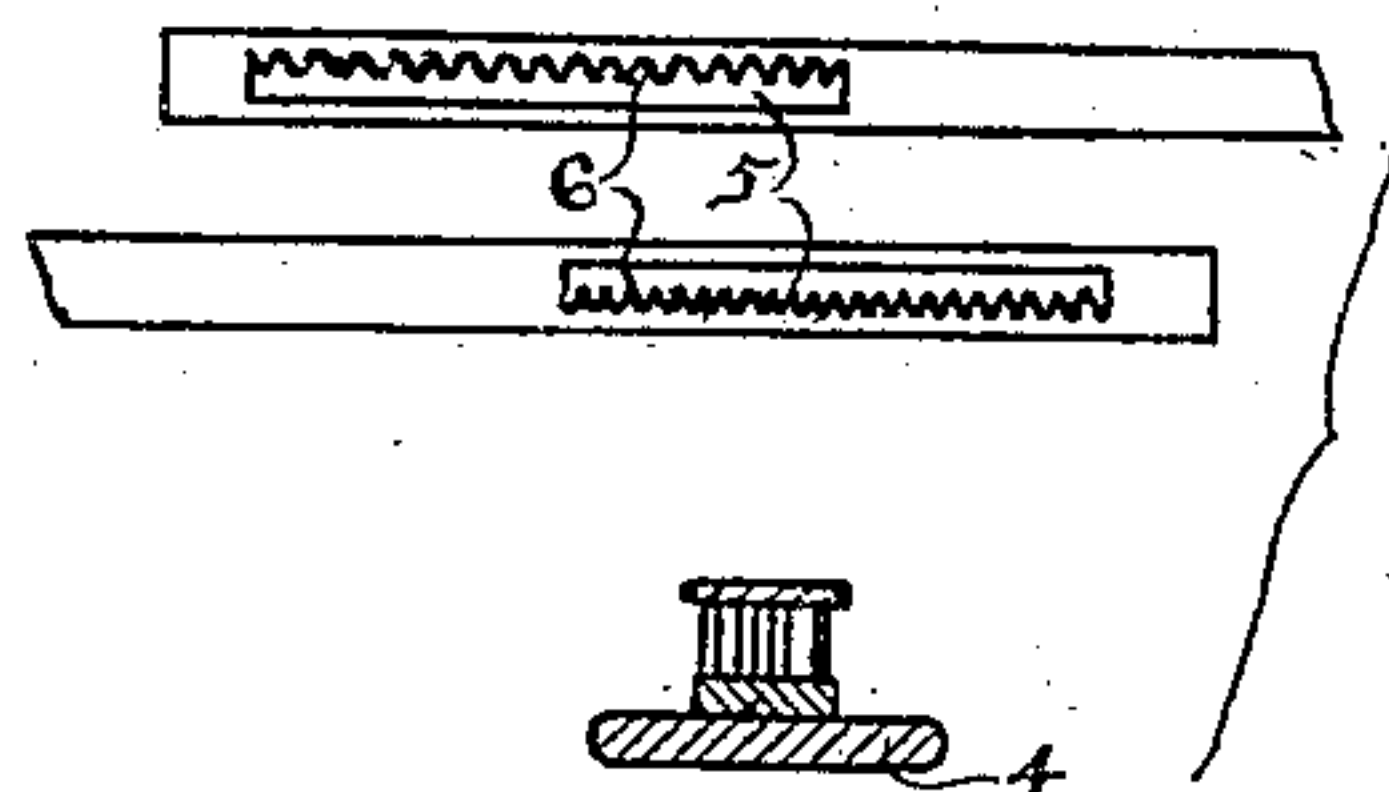


Fig. 5.

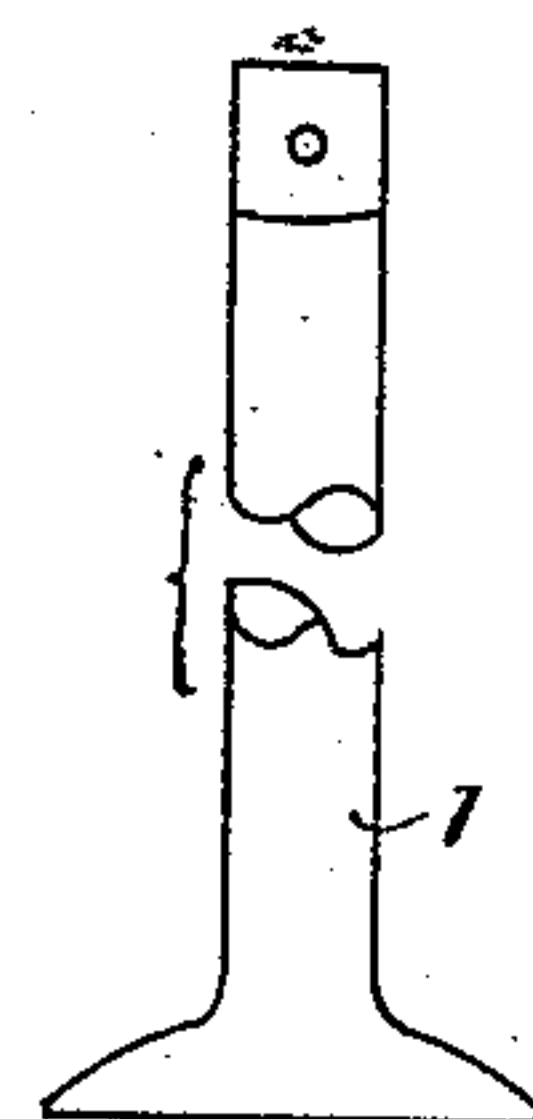


Fig. 6.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

JOHN G. EGANHOUSE, OF HOUSTON, TEXAS.

BUST-DEVELOPER.

936,434.

Specification of Letters Patent.

Patented Oct. 12, 1909.

Application filed October 29, 1908. Serial No. 460,014.

*To all whom it may concern:*

Be it known that I, JOHN G. EGANHOUSE, a citizen of the United States, residing at Houston, Harris county, and State of Texas, have invented certain new and useful Improvements in Bust-Developers, of which the following is a specification.

My invention relates to new and useful improvements in bust developers involving the construction of a device for the purpose of enlarging certain portions of the body and one which may be used in massaging any portion thereof.

The object of the invention is to provide a device of this character which will enlarge the bust or any undeveloped part of the human body.

Another object is to so construct the device that there will be a minimum of labor in its operation and so that the work will be efficiently done and that either or both members may be acted upon simultaneously or individually.

Finally the object of the invention is to provide a device of the character described that will be strong, durable, efficient, light and easily operated and one in which the parts will not be likely to get out of working order.

With the above and other objects in view, the invention has relation to certain novel features of construction and operation, an example of which is given in this specification and illustrated in the accompanying drawings which are made a part of this application, wherein:—

Figure 1 is a side elevation of my device as seen while placed in a case and not in use and showing the side of the case removed. Fig. 2 is an elevation of the braces, cups, and stand with its base broken away. Fig. 3 is a sectional plan view of one of the cups. Fig. 4 is a sectional plan view of a massage cup. Fig. 5 are the braces to which the cups are to be attached and showing ratchet for adjustment, also the ratchet wheel used in conjunction with the ratchet. Fig. 6 is an elevation of the stand.

Referring more particularly to the drawings the numeral 1 designates a stand to which braces 2 are attached at 3 by ratchet wheel 4 which is provided with ratchet teeth to correspond and mesh with the ratchet teeth 5 in slots 6 and the braces 2. These ratchet teeth are on correspondingly opposite sides of the slots 6 so that a turning of

ratchet wheel will move braces 2 in opposite directions thus allowing an easy adjustment of the cups 7 which are attached at the outer free ends of each of the braces 2. These cups are pivotally attached to braces 2 by means of thumb-screws 26 which pass through said braces and engage in tapped holes in the base of the cups.

8 designates rubber tubes which are respectively attached at one end to cylindrical tubes 9 which lead into cups 7 and at their other ends to tubes 10 which are provided with stop-cocks 11 so that should it be desired to use only one cup at a time it can be done by closing the other by means of one of the stop-cocks. These stop cocks 11 are composed of a grip and shank. The shank screws into a tapped hole in tubes 10 and are of sufficient size to entirely close the interior passage of said tubes when the stop cocks are entirely screwed in. Thus the size of the passage through tubes 10 may be regulated at will.

12 represents the cylindrical opening which is connected with the cups 7 by means of tubes 8 and from this opening 12 a tube 13 leads through partition 14 of the cabinet to a pump 16 which is pivotally secured to braces 18, which in turn are secured to the flooring 17. This pump is provided with a piston rod 19 which operates in connection with gear wheel 20 and is so fastened at 21 that a rotary movement of this wheel will give a forward and rearward stroke of the piston rod 19 for each revolution of the wheel. This wheel is driven by means of a motor 22 which in turn derives its power from batteries 23 through wires 24. The pump 16 is provided with a piston and two valves so arranged as to make it an exhaust pump. A switch 25 is provided for the purpose of connecting or disconnecting the motor and the batteries and may be of any suitable style.

The operation of my device is as follows:—Connect the batteries and the motor and this will immediately start the pump in operation which starts to exhaust the air from the cups through tubes 8 and 13, as soon as they are firmly placed over the bust or part desired to be treated. These cups should be held against the skin so that the air may be exhausted from the cups through tubes 8 and 13. Then the cups are placed over the bust or part desired to be treated. These cups should be held against



the skin so as to admit no air within the cups. The air will gradually be exhausted and when the weight of the air is thus taken off of the part covered by the cups the force  
 5 of the blood will cause the veins and arteries to expand and a great deal more of the pure blood will thus be fed into these parts and cause the same to be nourished and properly enlarged. The exhaustion of the air  
 10 may be so great as to remove "black heads" and other impure matter from the pores of the skin.

Particular attention is called to the shape of the cups to be used in connection with  
 15 the development of the bust, they having ears on one side and being so shaped as to conform to the shape of the human body and the edges are thick and beveled so as to need no cushioning, also the walls where they are  
 20 attached to the braces are very thick so that there will be no danger of a glass being broken while being used. Special attention is also called to the unique ratchet method of adjustment for the cups, the ratchet wheel  
 25 being secured to the braces which is attached, in such a manner that it will secure lateral adjustment of the cups when turned and at the same time prevent any lateral adjustment of said cups except by turning said  
 30 wheel. I prefer to use glass cups in the operation as by so doing the parts being treated may be watched and the treatment continued so long as may be found advantageous.

A further feature to which I desire to  
 35 call attention is the method of fastening the vacuum cups to the braces, that is by means of screws or bolts or they may be pivotally attached so as to aid in the adjustability of the cups.

A still further feature resides in the provision of a case for housing all of the driving parts of the mechanism permanently and a compartment for the pedestal, braces and  
 45 cups when not in use, said case being so arranged and being provided with a handle that it may be easily carried from place to place.

While I have shown this specific form and described this particular mode of operation  
 50 I do not wish to limit myself to either the mode of operation or forms set forth in this application but reserve the right to vary same so long as the principle is not departed from.

55 What I claim is:—

1. A bust developer comprising a supporting pedestal, laterally extending arms adjustably mounted thereon, vacuum cups pivotally attached to the free ends of said  
 60 arms, tubes leading from said cups to said supports and uniting in a single tube leading to an exhaust pump, means for operating

said pump, and means for regulating the size of the passage way within said tubes.

2. A bust developer, comprising vacuum  
 65 cups, lateral ears carried by said cups, supports for said cups, thumb screws passing through said supports and engaging in the base of said cups in such a manner as to permit a pivotal adjustment of said cups upon  
 70 said supports, flexible exhaust tubes leading from said cups and uniting in a single flexible exhaust tube, an exhaust pump connected to said tube, means for operating said pump.

3. A bust developer comprising a supporting  
 75 pedestal, laterally extending arms adjustably mounted thereon, said arms being provided with oblong slots whose correspondingly opposite faces are provided with ratchet teeth, a thumb screw adapted to pass  
 80 through said slots and provided with teeth to mesh with the teeth of said arm, a tapped hole in said pedestal for receiving said screw, vacuum cups carried by the free end of said  
 85 arms, said vacuum cups being pivotally mounted thereon, flexible exhaust tubes leading from said cups to a central tube, stop-cocks carried by said tubes for regulating the passage way through the tubes, an  
 90 exhaust pump connected with said central tube, means for operating said pump and exhausting the air from said vacuum cups.

4. In a bust developer the combination with a supporting pedestal, of laterally extending arms, adjustably mounted thereon,  
 95 vacuum cups carried by the free ends of said arms, thumb screws passing through the base of said cups and engaging with the end of said arms for pivotally securing said cups to said arms, flexible tubes leading from said  
 100 cups to said support and terminating in another tube which leads to an exhaust pump and an electrically propelled motor for operating said pump.

5. A bust developer comprising cups, a  
 105 pedestal, braces carried by said pedestal for supporting said cups, said braces being provided with slots and having ratchet connection to said pedestal, means for securing said cups to said braces pivotally, an air outlet  
 110 carried by said cups, flexible tubes leading from said outlet to said pedestal, and connecting with a tube leading from said pedestal to a pump, a motive power for driving said pump and means for regulating the  
 115 size of the passage way in either or both of said connecting tubes.

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

JOHN G. EGANHOUSE.

Witnesses:

GEO. M. LANSDOWNE,  
 GEO. E. DASCHER.