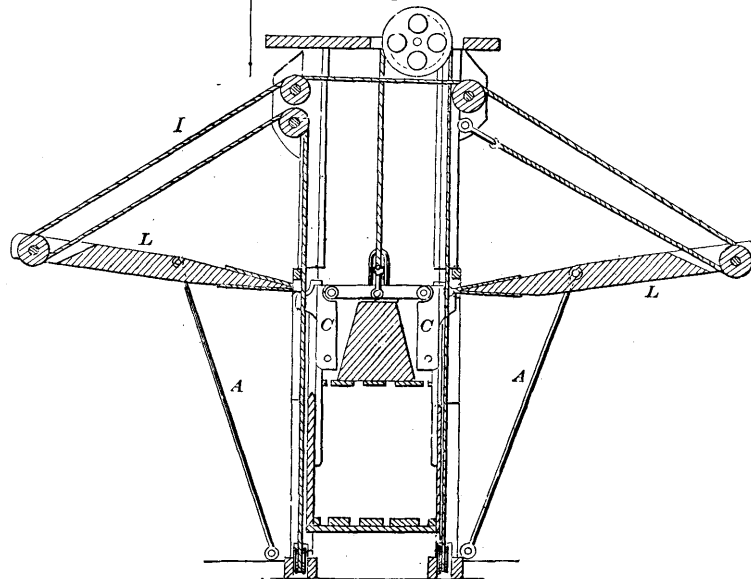


**Beater-press.** For baling. One in which the bale is made by beating it into smaller bulk ; or, which is more usual, in which the bale is packed by beating, and finally solidified by direct and maintained pressure.

In the example (Fig. 620), the beater is lifted by means of its toggle-links and pressure-arms *C C*, the latter drawing inward to avoid contact in raising, and the arms become sockets for the ends of the toggles *L L*, when the beater becomes the follower of the press.

The fulcrums of the toggles are formed by the ends of the pivoted rods *A A*, which gradually assume verticality as the outer ends of the toggle-

Fig. 620.



Beater Baling-Press.

levers *L* ascend, when the rope *I* is tightened. This is first a *beater* and then a *toggle* press.

In other cases the motive-power is placed a story below the floor of the barn, from whence the hay is charged into the press-box. The draft animal attached to the sweep rotates the capstan, which is made effective either to raise the beater or to move the toggles which raise the lower follower.