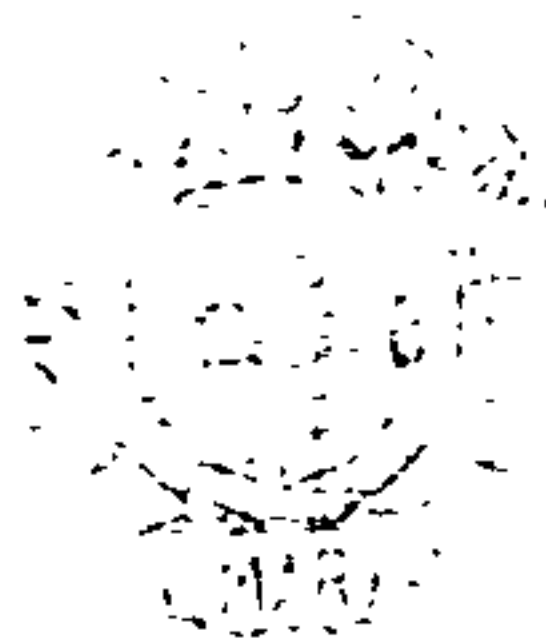


veral *Randoms* are set; so you see that the *Mortar* being levelled point blank, throweth the Bomb 100 Paces, if the *Mortar* be mounted one Point, it throws the Bomb 248 Paces, &c. until 'tis mounted to the 6th. Point, 583 Paces, which is the utmost *Random*. Now if the *Mortar* be mounted higher to 7, 8, 9. &c. Points, the *Randoms* decrease again, as before they did increase, as you see in the Table.

But in those *latter* *Randoms* there lieth a great mistake, as shall be made appear. For if as they are distant from the sixth Point, you make them equal unto one another, then the *Random* of the 0 Point, or the *Level Random*, which is 100 Paces from the *Mortar*. Now it is contrary to all Art and Reason, to think that if the *Mortar* be elevated to the 12th. Point, i. e. bolt upright, it should shoot the Bomb 100 Paces from the *Mortar*, no, it cannot be, but according to all Reason, the Bomb must fall down either on, or near the *Mortar*, and not 100 Paces distant, as is most erroneously conceived.

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The foregoing Rules and Precepts are
necessary to be known by every Gunner
who intends to be servicable to his
Prince and Country.



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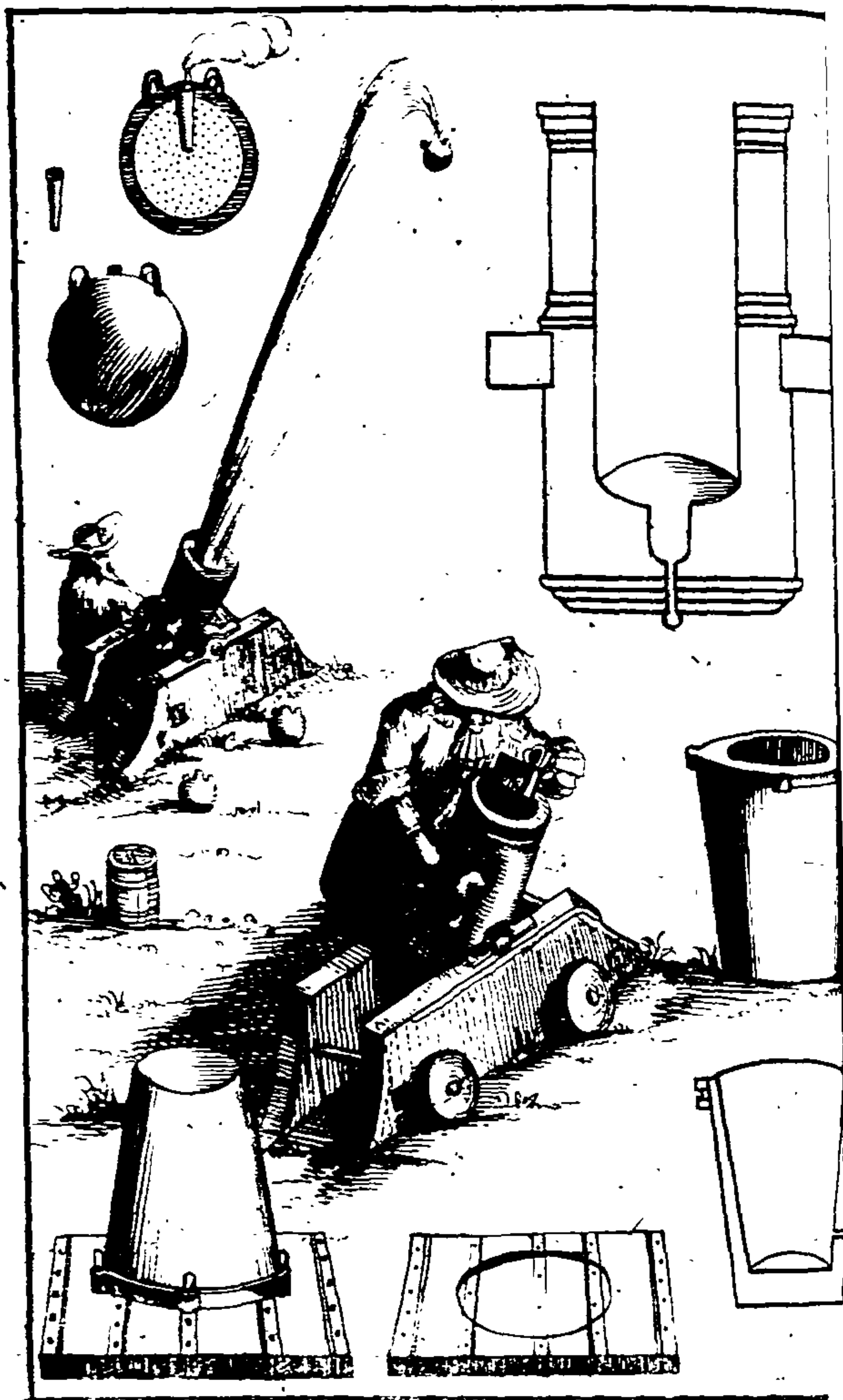
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