

M0008494: Brockedon's dies: illustration and text

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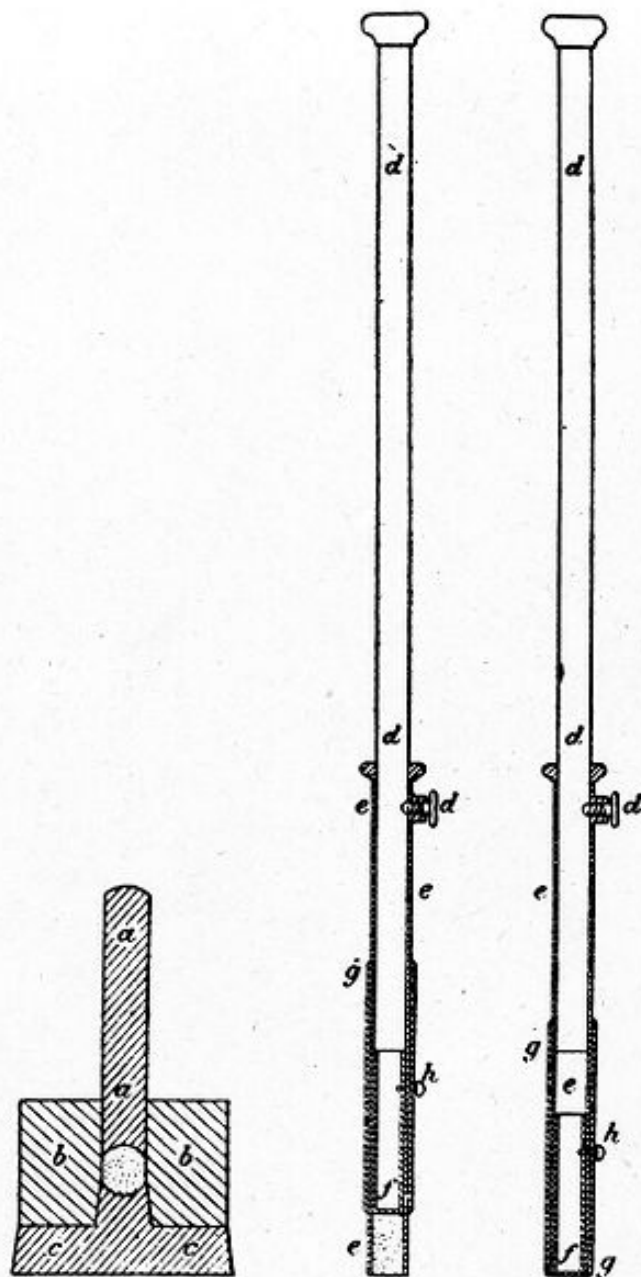
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BROCKEDON'S DIES (1843)

Figure I shows *a* as the upper die, and *b* and *c* as the lower die. With *a* removed the lower die is filled with powder by means of the measuring instrument shown in figures 2 and 3. The upper die is now put in and sharply struck with a mallet thereby compressing the powder. The upper die and pill are then removed and the process repeated.

The measuring instrument is shown full in figure 2 and empty in figure 3. A series of sliding tubes with set screw adjustments determine the amount of material taken up when the lower end of the instrument is inserted in the powder.