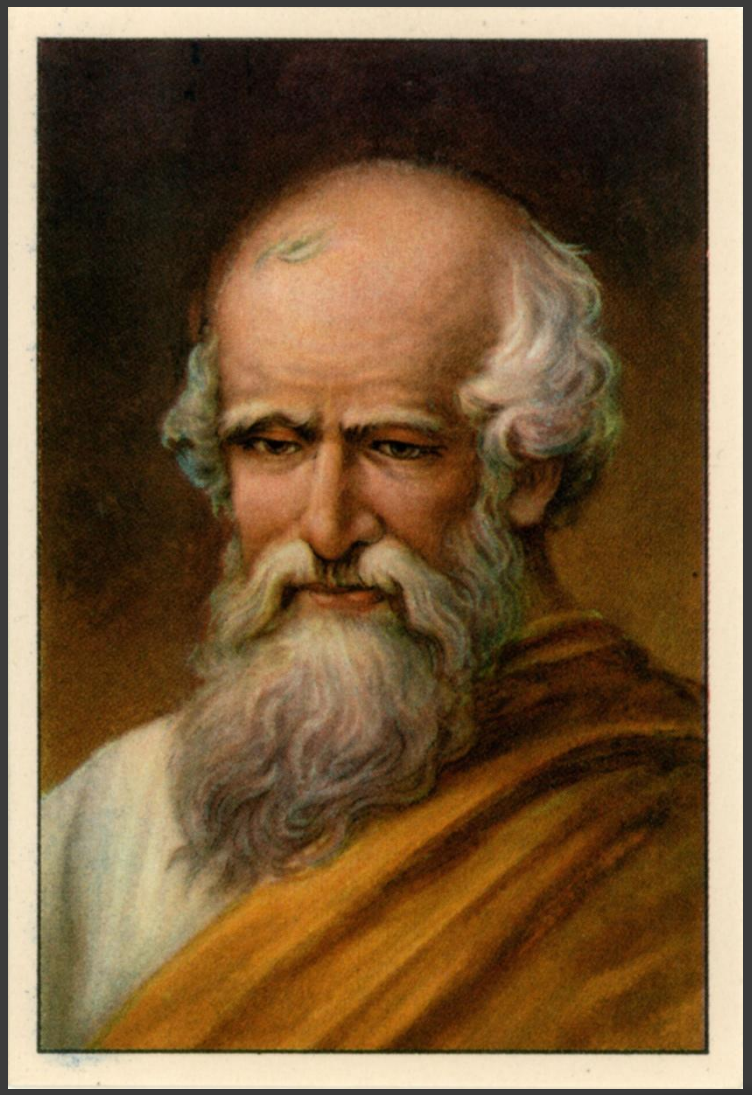
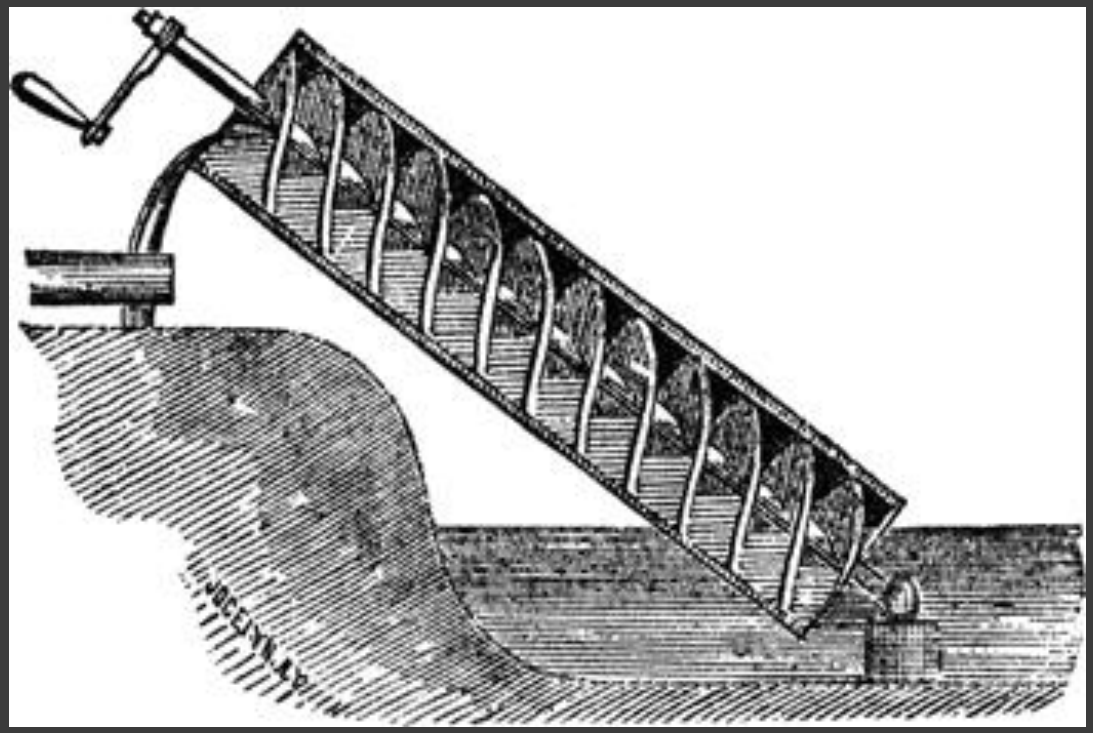
Изобретения Древней Греции



Архимед (древнегреческий изобретатель)

Архимедов винт



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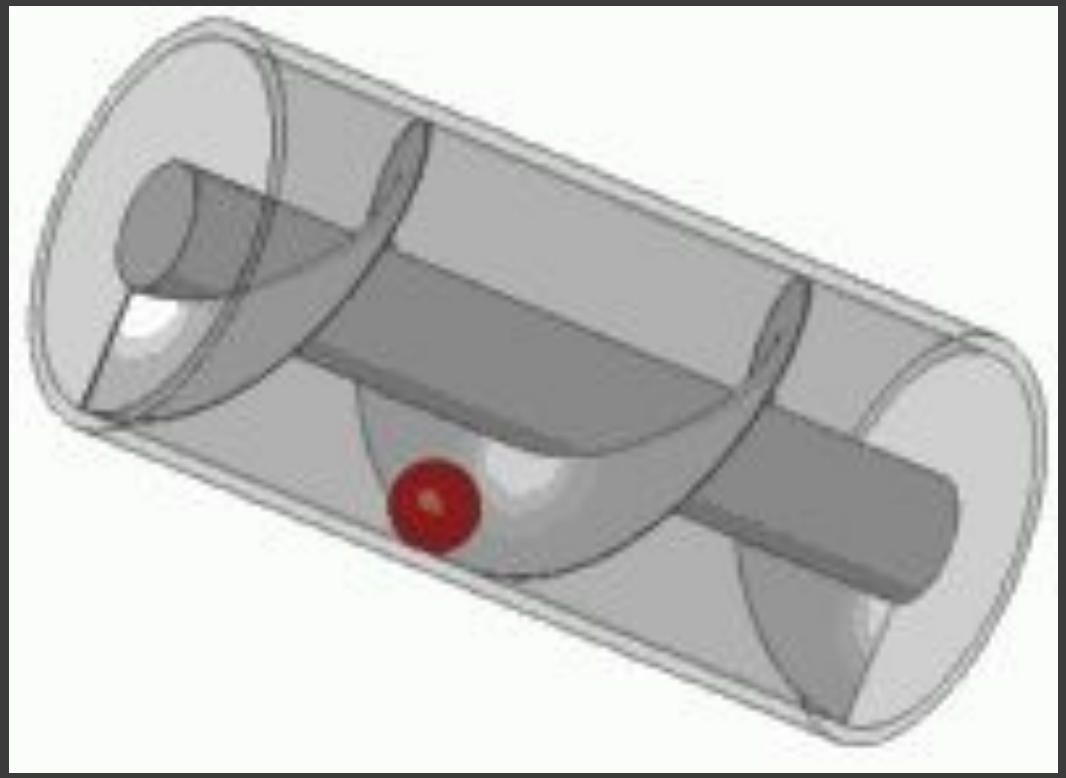
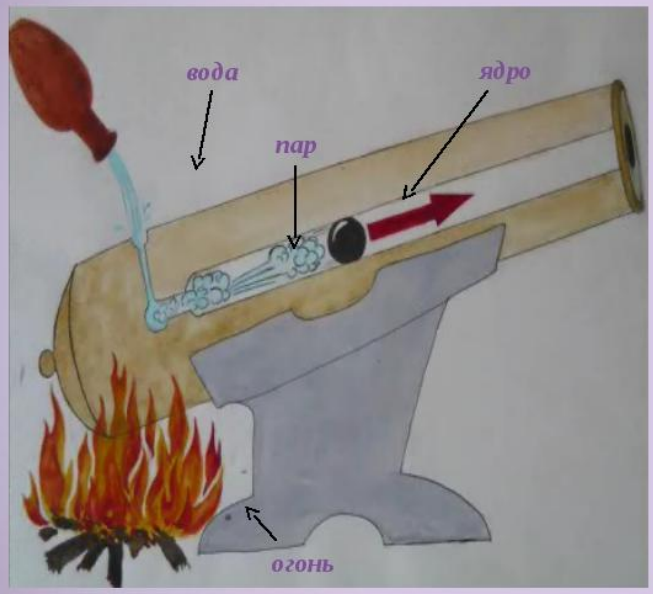


Архимедов винт

Архимедов винт в современном мире

Паровая пушка



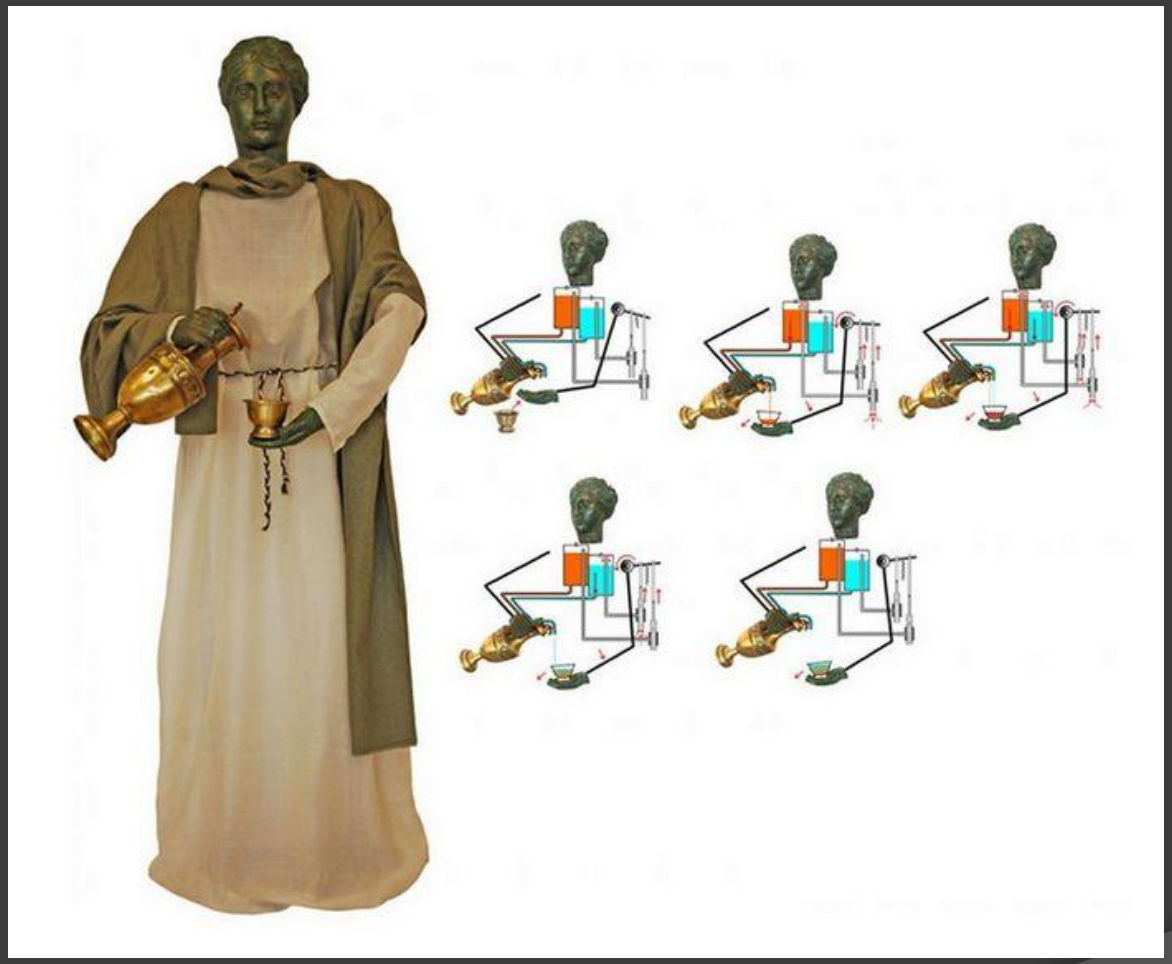
Архимед IIIв до н.э.

Паровая пушка

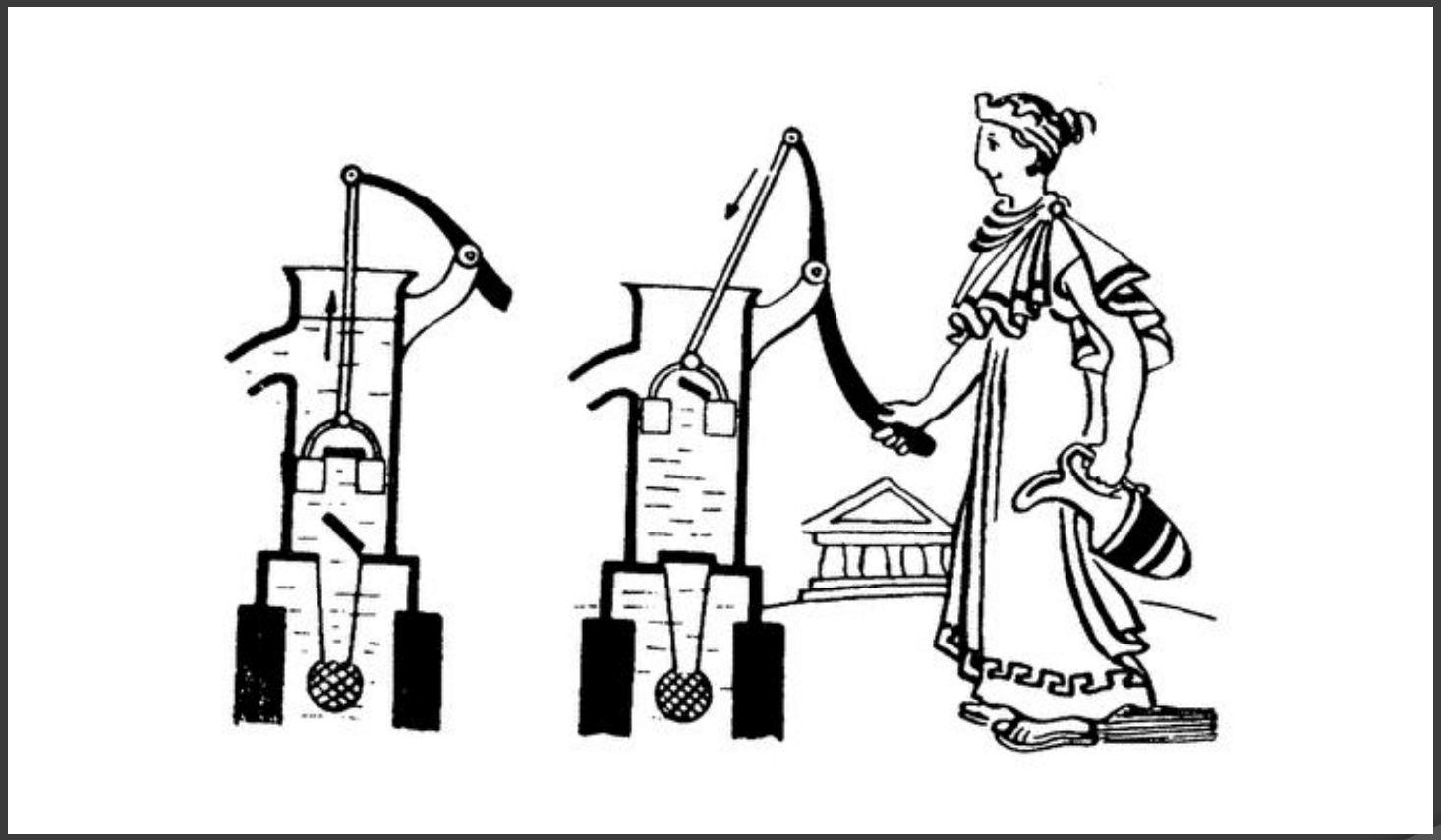
Один конец ствола сильно нагревали на огне. Затем в нагретую часть ствола наливали воду. Вода мгновенно нагревалась, и пар, расширяясь, с силой и грохотом выбрасывал ядро.

«Клешня» Архимеда

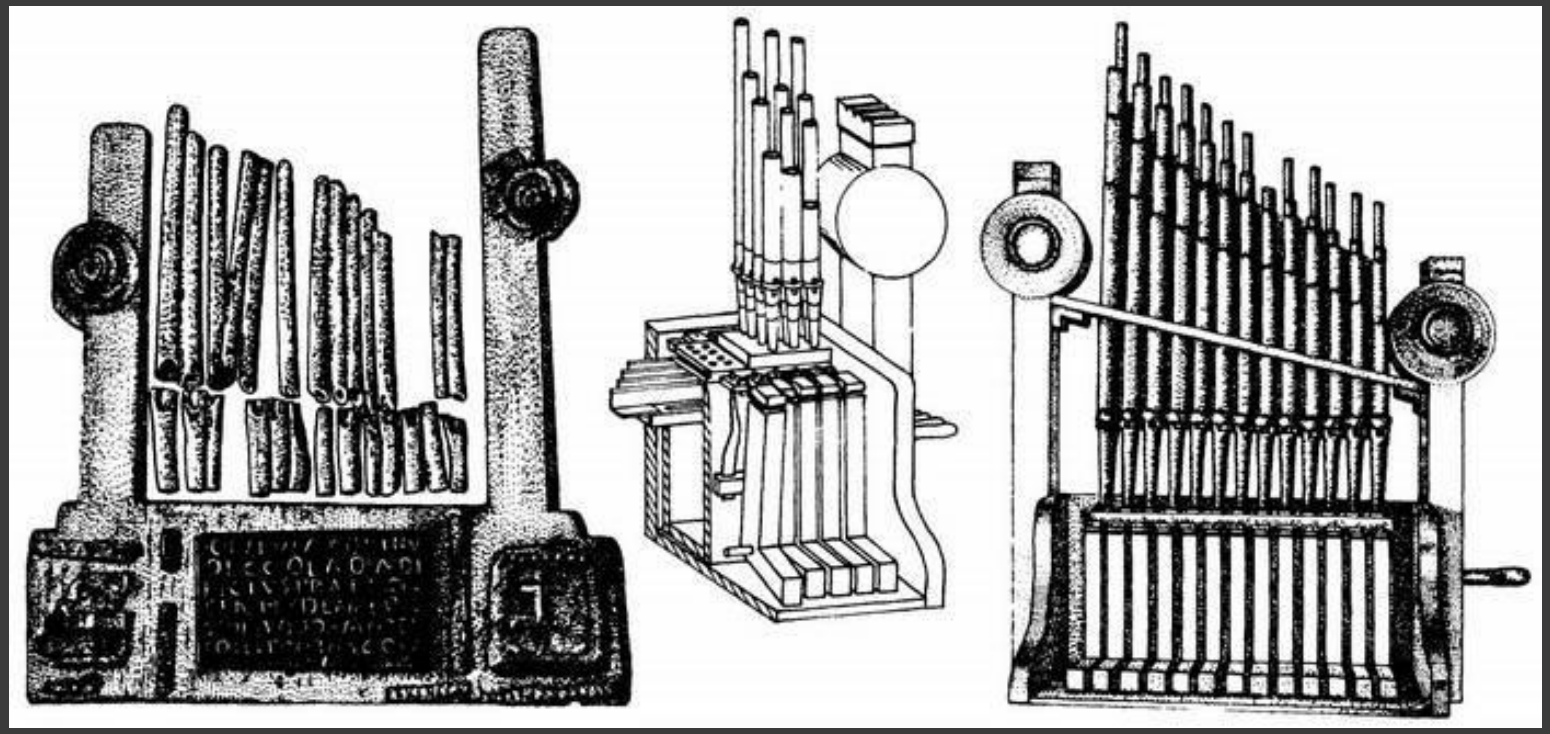
Служанка-автоматон



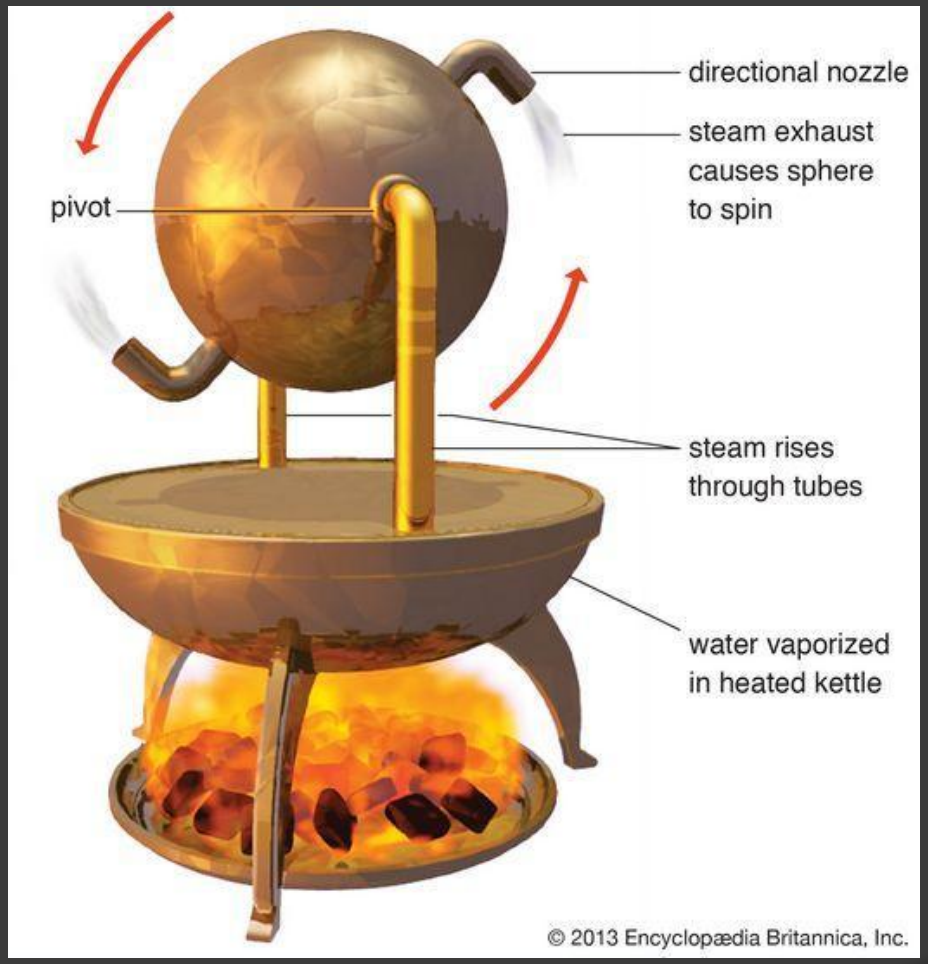
Поршневой насос



Гидравлический орган



Эолипил


directional nozzle
steam exhaust causes sphere to spin
pivot
steam rises through tubes
water vaporized in heated kettle
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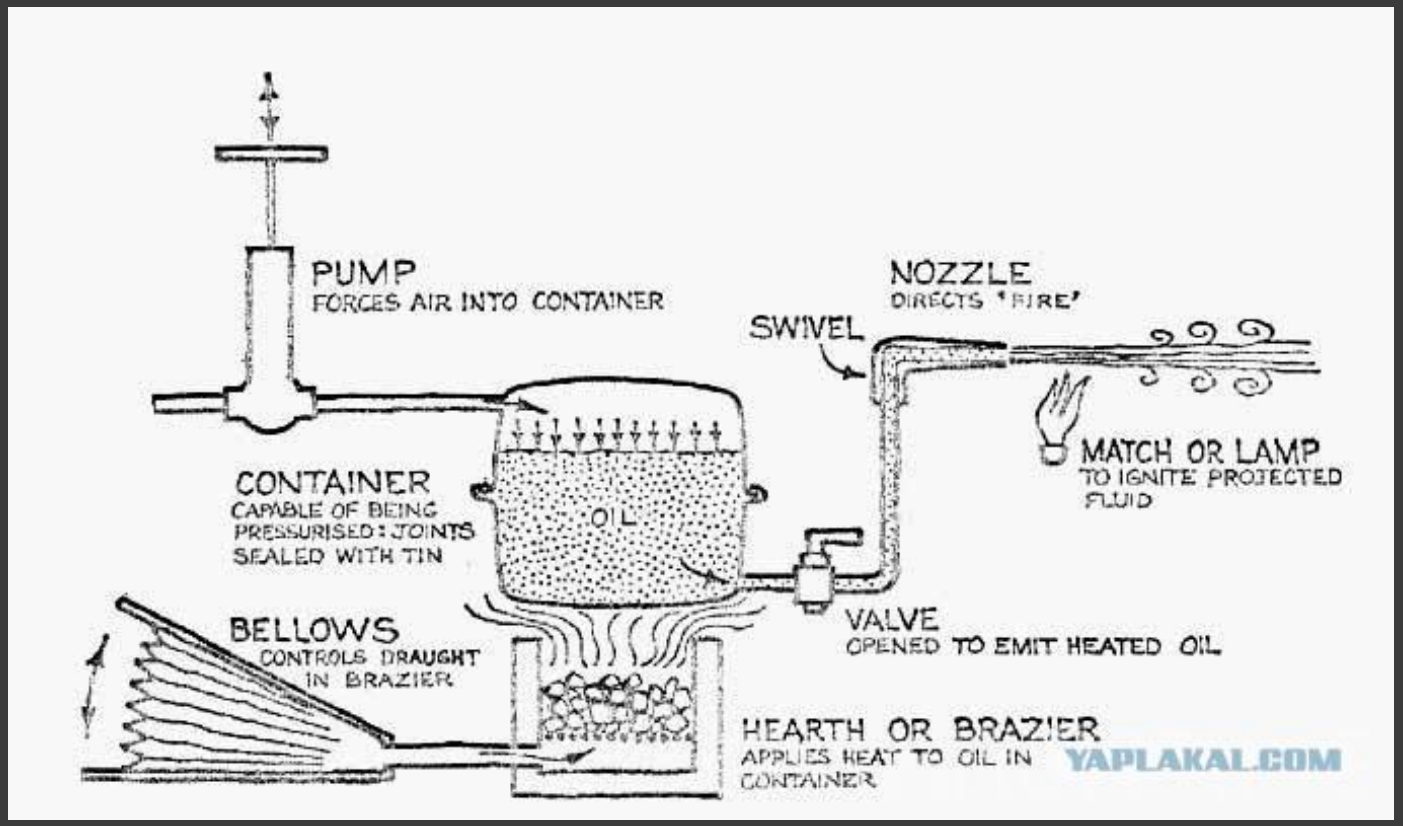
Антикитерский механизм

Огнемёт


PUMP
FORCES AIR INTO CONTAINER
NOZZLE
DIRECTS 'FIRE'
SWIVEL
MATCH OR LAMP
TO IGNITE PROJECTED FLUID
CONTAINER
CAPABLE OF BEING PRESSURISED: JOINTS SEALED WITH TIN
OIL
BELLOWS
CONTROLS DRAUGHT IN BRAZIER
VALVE
OPENED TO EMIT HEATED OIL
HEARTH OR BRAZIER
APPLIES HEAT TO OIL IN CONTAINER
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Хирургические инструменты

Спасибо за внимание!