

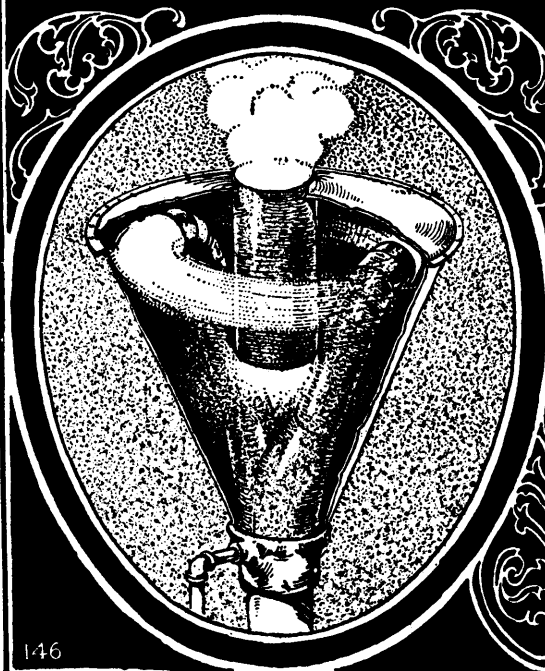


WHIRL ROUND YOUR HEAD

A CLOSED VESSEL FILLED WITH WET STEAM. The water particles will be deposited on the farther end. Why? Simply because water is nearly 1600 times heavier than steam and is therefore thrown outward with 1600 times the centrifugal force.

Change the experiment and admit exhaust steam to the bottom of the STURTEVANT EXHAUST HEAD. It passes up the interior pipes, is discharged tangentially close to the shell, and is thereby given a vigorous whirling motion. The entrained water—likewise the oil—flies outward, strikes the cool side and trickles down to the outlet at the bottom. The steam, now perfectly dry, finds ready escape through the central opening above. The action is positive and absolute. PERFECT SEPARATION MUST BE THE RESULT. No spray; no rotting roofs.

THE STURTEVANT EXHAUST HEAD



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