(12) **United States Patent**
Wolcott et al.

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(54) **ALCOHOL, EXTRACTING BY STEAM**

(76) Inventors: **Anson Wolcott; Norman Wolcott**

Anson Wolcott and Norman Wolcott

Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Anson Wolcott and Norman Wolcott themselves of their improvement in extracting alcohol from common proof spirits by the use of Steam.

The principle we use for extracting alcohol from common proof spirits is by enclosing a still within a wooden or metallic vessel which still contains ..... the common proof spirits, and likewise a worm or Single tube which may enter the neck of the still and extend to the bottom. The steam is generated in the common way and when led on it enters the worm or tube in the still. In the worm it passes through its windings, and through the bottom of the still into the space between the still and vessel which encloses it, but if the steam enter the other tube it discharges within the still. The steam pipe which leads from the boiler extends down to the bottom of the vessel from which the steam is taken into the vessel which encloses the still, rendering thereby assistance to that which passes thro' the worm in the still, both of which set the spirits in the still boiling or either one of those pipes which discharge the steam between the still and vessel, may answer the purpose alone. The spirits as it leaves the still, enters another still, which is like the first enclosed, and by the heat of the steam or spirits from the first still, together with the steam taken from the feed vessel which envelopes the still both of which set the second still boiling, or either one alone may do it. (As the spirits leave this still it enters the still worm and is drawn off at bottom).

The vessels enclosing the stills, have vents to discharge the superfluous steam and water. This principle may be used in extracting Spirits of turpentine, refining sugar, making varnish, and is useful for dies of cloths, for blanking and colouring

Hats and is applicable in many chemical operations wherefore directly applied is dangerous. all of such operations your petitioners claim as their right

Witnesses
Cyl
Anson Benjamin
Geo. Deming.

Anson Wolcott
Norman Wolcott.

(408 Words)

(Granted. March 19. 1827)