(12) **United States Patent**
Jennings

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

(76) Inventor: **Isaiah Jennings**

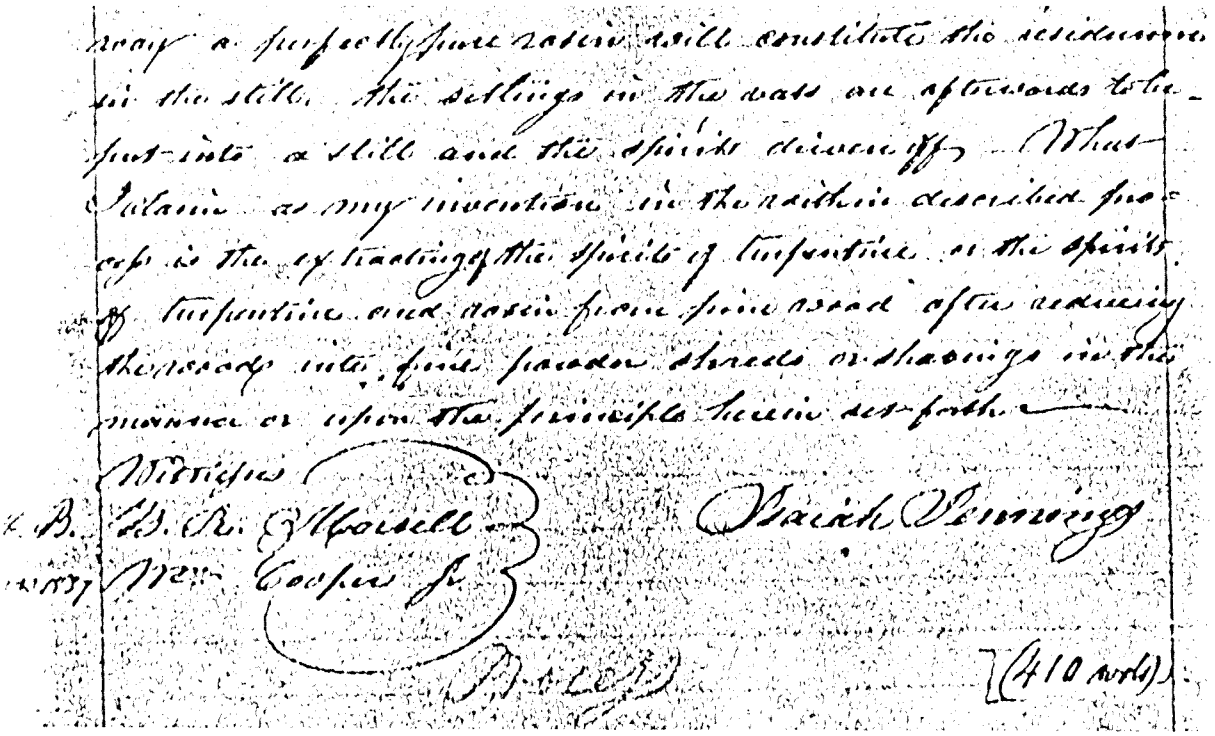
Isaiah Jennings

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Isaiah Jennings himself of his improvement in the process for the extracting of spirits of turpentine and also of separating the Resin from pine wood.

To all to whom it may concern.

Be it known that I Isaiah Jennings of the the City of New York in the County of New York have invented a new and useful improved process for extracting spirits of turpentine and also for separating the resin from pine wood, and do hereby declare that the following is a full and exact description thereof. Take the pine wood in logs or pieces and reduce the same to shavings or fine dust by means of scrubbing mills or in any other way in which this reduction can be effected and when desirable to separate the spirit of turpentine alone therefrom, distribute it to the requisite degree of heat in a still of any convenient construction adapted to the distillation of such spirits, putting into the still along with said shavings such quantity of water as may be requisite in the operation. The redistillation consisting of the higher one portion and the latter will, if desired, be well adapted to the purpose of making gas for the production of artificial light.

When I wish to obtain the resin as well as the spirits of turpentine, I first the wood, reduced to shavings, into vats, or other convenient vessels, and pour on it a sufficient quantity of spirits of turpentine to separate, by dissolving, the crude turpentine therefrom, keeping such vats or vessels covered to prevent evaporation. When the liquid thus formed is drawn off and distilled in the usual way



away a sufficient quantity will constitute the distinguishing
of the still. The settings in the vats are afterwards to be
put into a still and the spirits drawn off. What
I claim as my invention in the matters described for
which is the applying the spirits of turpentine or the spirits
of turpentine and rosin from pine wood after reducing
them nearly into fine powder threads or shavings in the
manner or upon the principles herein set forth.

Witnesses
E. B. [illegible]
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David Pennington

(410 words)