

Peiffer & Richards,
Ageing Liquors.

No. 112,485.

Patented Mar. 7. 1871.

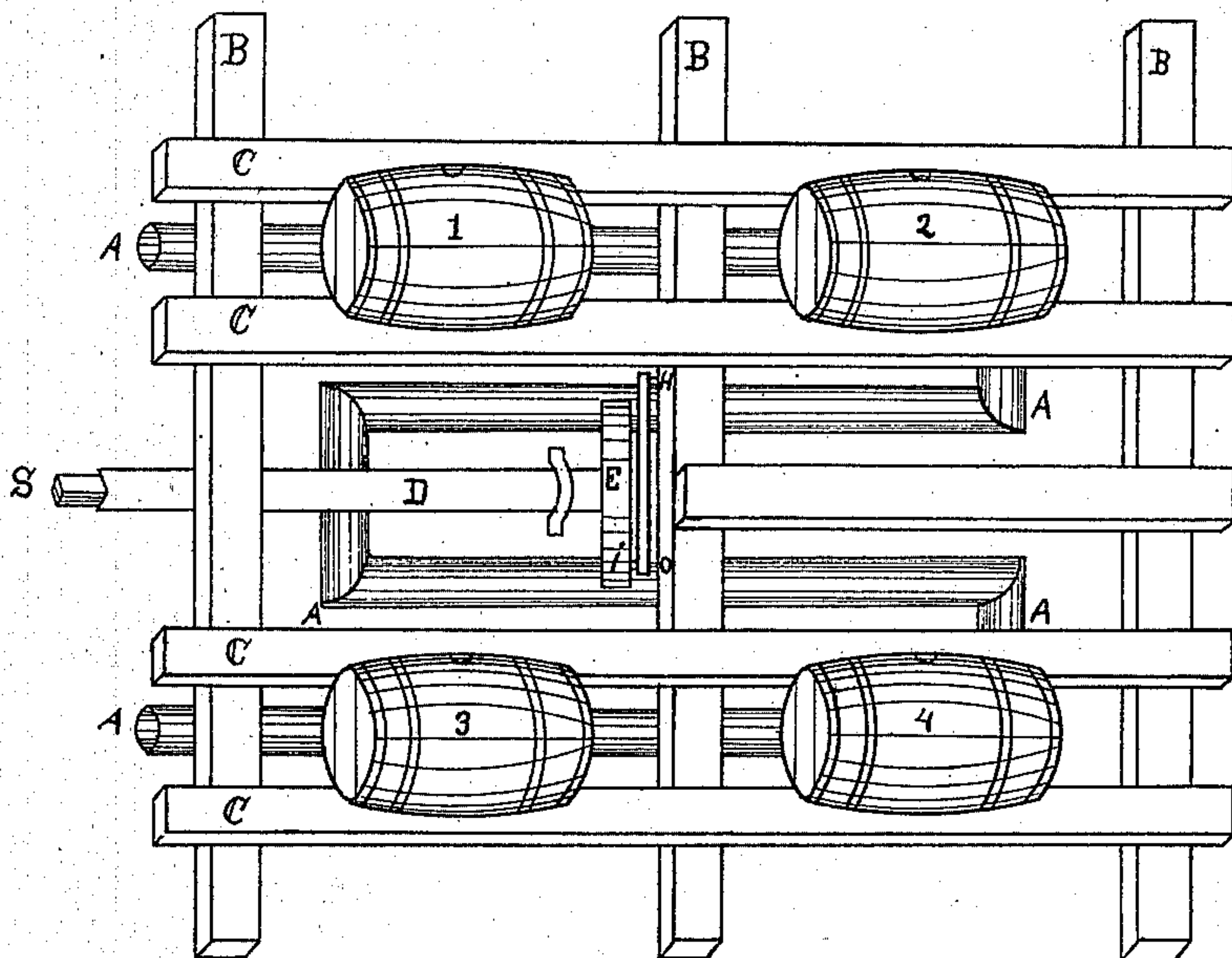


Fig 1

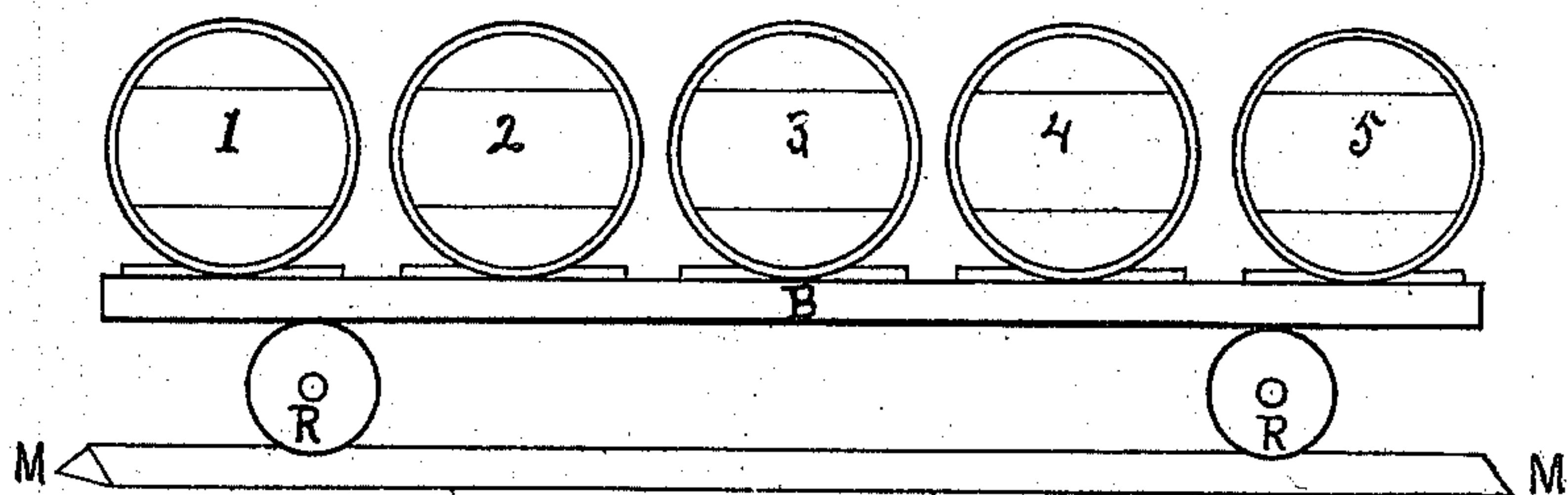


Fig 2

WITNESSES

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JOSIAH PEIFFER AND SAMUEL RICHARDS, OF VALONIA, PENNSYLVANIA.

IMPROVEMENT IN APPARATUS FOR AGING WHISKY AND OTHER SPIRITS.

Specification forming part of Letters Patent No. **112,485**, dated March 7, 1871.

To all whom it may concern:

Be it known that we, JOSIAH PEIFFER and SAMUEL RICHARDS, of Valonia, in the county of Crawford and State of Pennsylvania, have invented a new and Improved Whisky-Agitator; and we do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing, and the letters of reference marked thereon.

The object of our invention is as follows, to wit: When whisky is new it is impregnated with an essential oil, or, as it is called by distillers, "fusel-oil." It is the presence of this substance in the liquor that gives it the taste peculiar to new whisky. In time this fusel-oil passes off or undergoes some change chemically. It is also found that this oil will vaporize at about 110° of heat, and that the evaporation is hastened if the whisky is shaken while the heat is applied. It is for this reason that whisky shipped from one country to another is improved by a sea-voyage.

Figure 1 is a top view of our invention. A A A A A is a steam-pipe, laid on the floor of some suitable tight room or house erected for that purpose. B B B are three sills of strong timber. These are tied together with other timbers, C C C C, securely framed, and bolted to B B B. On the floor of the room are laid three iron rails, the same distance apart of the sills B B B. On the under side of B B B are two or more rollers, with a groove in their edge to fit the rail.

Fig. 2 is a side view of our invention. B, one of the sills; R R, the wheels, and M M

the iron rail. 1 2 3 4 5 are barrels of whisky placed on the frame. D is a shaft, with a coupling at S, to couple onto a steam-engine or water-wheel or other power. E is an eccentric-wheel or a crank, with a pin at *i*. At H is another pin, attached to the center sill B. H O is a pitman connecting the crank *i* with the pin at H, Fig. 1.

The frame B B B is loaded with any desired number of barrels of whisky, and by means of the steam tube or pipe A A A A A the room is heated to the required degree of heat, and by connecting the shaft D with the power its revolution causes the frame loaded with barrels to move the length of the crank in each direction, thereby agitating the whisky.

It is found by experiment that whisky can be ripened in a few weeks.

What we claim as our invention, and desire to secure by Letters Patent, is as follows, to wit:

1. Frame B B B C C C, placed upon grooved or equivalent rollers R R, running upon the rails or tracks M, moved by cranks I and pitman H O, all constructed and arranged in the manner and for the purposes set forth.

2. The combination of the frame B C, rolls R, track M, crank *i*, pitman H O, and heating-pipes *a a*, all constructed, combined, and arranged as and for the purposes set forth and described.

JOSIAH PEIFFER.
SAMUEL RICHARDS.

Witnesses:

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ROE REISENGER.