

A. RANNIE.

SPRINKLING ATTACHMENT TO BAKING-MACHINE.

No. 174,300.

Patented Feb. 29, 1876.

Fig. 1.

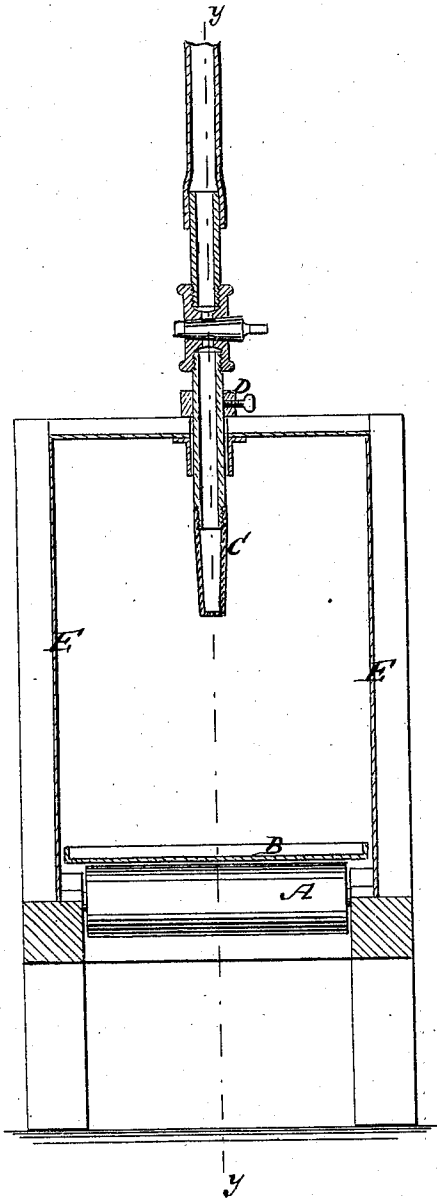
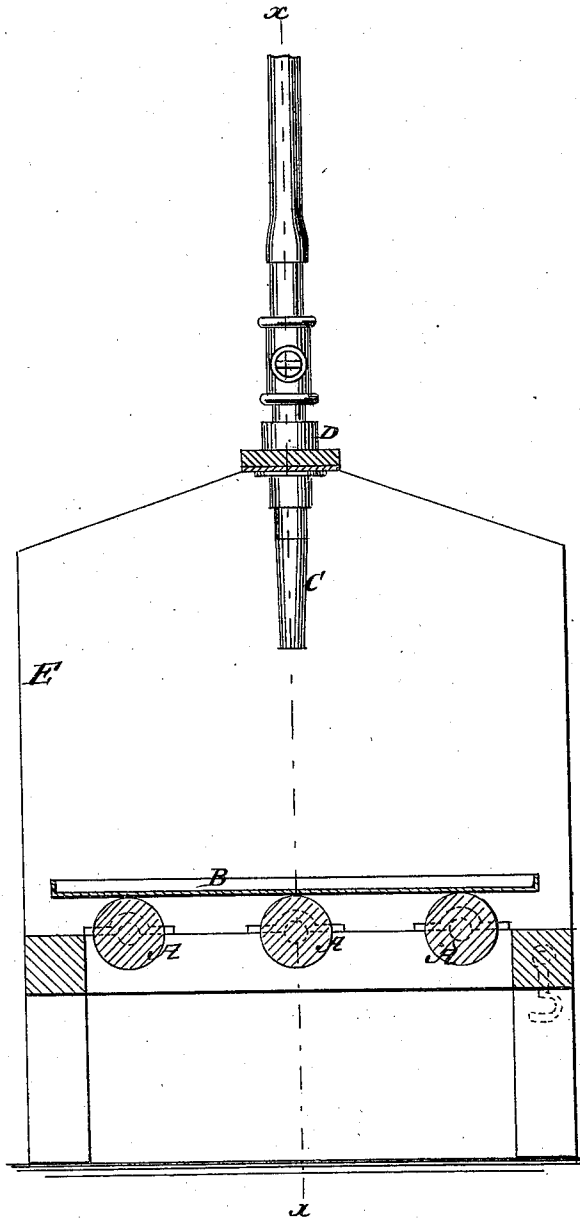


Fig. 2.



WITNESSES:

E. Wolff
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UNITED STATES PATENT OFFICE.

ALEXANDER RANNIE, OF PALMYRA, NEW YORK.

IMPROVEMENT IN SPRINKLING-ATTACHMENTS TO BAKING-MACHINES.

Specification forming part of Letters Patent No. **174,300**, dated February 29, 1876; application filed January 7, 1876.

To all whom it may concern :

Be it known that I, ALEXANDER RANNIE, of Palmyra, in the county of Wayne and State of New York, have invented a new and Improved Sprinkling Attachment to Baking-Machines, of which the following is a specification:

The invention consists in the means described for spraying with cold water crackers, pastry, and other analogous bakers' goods, as or before they are passed into the ovens, instead of using steam, as heretofore.

Figure 1 is a sectional elevation of my improved sprinkling attachment, taken on the line *xx* of Fig. 2, and Fig. 2 is a sectional elevation, taken on the line *yy* of Fig. 1.

Similar letters of reference indicate corresponding parts.

The rollers A represent a section of the way on which the pans B, containing the cakes to be baked, pass into the oven. C represents the nozzle, arranged over the said way, for moistening the cakes with fine spray as they pass along, the said nozzle being constructed

with very fine perforations in the lower end contrived to discharge an even shower of spray over the whole breadth of the way to spray the goods alike all over.

The nozzle is fitted in the support D, so as to be shifted up and down to adjust it to the requirements of goods of different kinds.

Two sides of the way are inclosed by thin sheet-metal plates E, but the other sides are open to allow the goods to pass through.

I am aware that steam has been employed for this purpose, but, being necessarily above a temperature of 212° Fahrenheit, it destroys to a great extent the "rising" property of the ammonia and other chemicals employed.

What I claim is—

The combination, with a way over which baking-pans are passed into an oven, of a superposed water-sprinkler, C, arranged as and for the purpose specified.

ALEXANDER RANNIE.

Witnesses:

HENRY A. CHASE,
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