

The United States of America. 1334X
July 7, 1810

To all to whom these Letters Patent shall come:



Benjamin Parry, a Citizen of the United States, hath alleged that he has invented a new and useful improvement being a Machine for drying Corn & Grain of all kinds, and also for drying malt, meal, & other substances

...has stated that not been known or used before his application; has affirmed that he was the true inventor or discoverer of the said improvement, and that he has paid into the treasury of the United States, the sum of thirty dollars, delivered a receipt for the same to the Secretary of State, signifying a desire of obtaining an exclusive right in the said improvement, and praying that a patent may be granted for that purpose: *Benjamin Parry* his heirs, administrators, assigns, and assigns, do hereby certify that the said improvement is such as is described in the description whereof is given in the words of the said *Benjamin Parry* himself, in the following hereto annexed, and is made a part of these presents.

I have caused these Letters Patent, and the Seal of the United States to be hereunto affixed.

Witness my hand, at the City of Washington, this seventh day of July, in the year of our Lord, one thousand eight hundred and ten, and of the Independence of the United States of America, the thirty-first.

James Madison

BY THE PRESIDENT.

A. Smith
Secretary of State



DO HEREBY CERTIFY that the foregoing Letters Patent, were delivered to me on the seventh day of July, in the year of our Lord, one thousand eight hundred and ten, to be examined, and I have examined the same, and find them to conform to the laws in that behalf made, and I have returned the same to the Secretary of State, within ten days from the date aforesaid, to wit: On this seventh day of July, in the year aforesaid.

A. Rodney

Attorney General of the United States.

Take Schedule

1334X

...in these Letters Patent and
...part of the same containing a description in the words of the said Benja-
min Perry himself of his Machine for drying Grain and Grain of all kinds, and
also for drying Malt, seeds, and other substances.

This Machine is intended for the use of Flour, and Corn mills, and Breweries, and
may be erected within or attached thereto, and the drying motion communicated
either by the water or wind, which turns the belt, or otherwise, according to Circumstances.
The nature of the construction may be considered as composed of the drying, or
the machinery for communicating motion, the drying sieve, and the grain

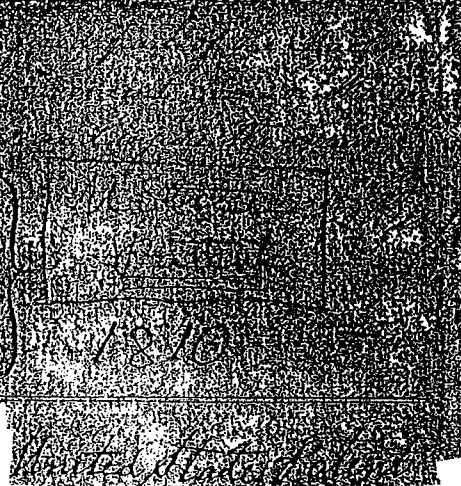
...in a case or enclosure of the drying apparatus of the Machine, and
...of which a Stone and ... shall consist
...little table to support ... near the upper part of
...
... beyond the outer wall, and from a
... or other substance ... This Sieve is made
... and perforated with ... face, a distance of ...
... by which it is brought ... the sieve to have perforations
... extends nearly the length ... or drying Chamber
... from the End where ... the grain to the ...
... passing along this ... falls over the ...
... sieve which extends ... Chamber, and carries
... sieve which extends ... of the Chamber parallel to
... the dried grain at the ... first received. This
... with chains so as to receive ... motion, and has
... the lower end of the first ... to the upper end of the
... grain is returned. From the ... of the Sieve, the
... grain falls on the ... sieve which has a ... descent to where the
... Chamber, where it discharges the ... grain. It has ...
... so as to have a ... motion similar to the ... above described, ...
... the Chamber an enclosure ... in which the ... are
placed

The end of a stem, when it has become firm and is ready to be cut, is with a small
piece of wood rather than a knife which will be the action of grain. The grain is cut
by an opening in a piece of the same wood which is of the same length and
is carried off by a piece of paper with proper dampness in register for
cutting the grain.

On the outside of the case or can which encloses the drying
chamber, a wooden board is attached which carries a rotary motion from
the main shaft. This shaft has two projecting arms or teeth which by
the rotation of the wheel from the side of the long shaft give them
a motion to revolve along them. There is a small
opening in the board on one side which on one end of a
rod through the drying chamber, under the
rotation of the wheel, moves up and gives
the grain from the lower end of
the drying chamber. In order to give a
motion to the grain...

The grain is dried in a chamber...
The grain is dried in a chamber...
The grain is dried in a chamber...

Office for Receiving
The grain is dried in a chamber...
The grain is dried in a chamber...
The grain is dried in a chamber...



Benzel
July 7-1870