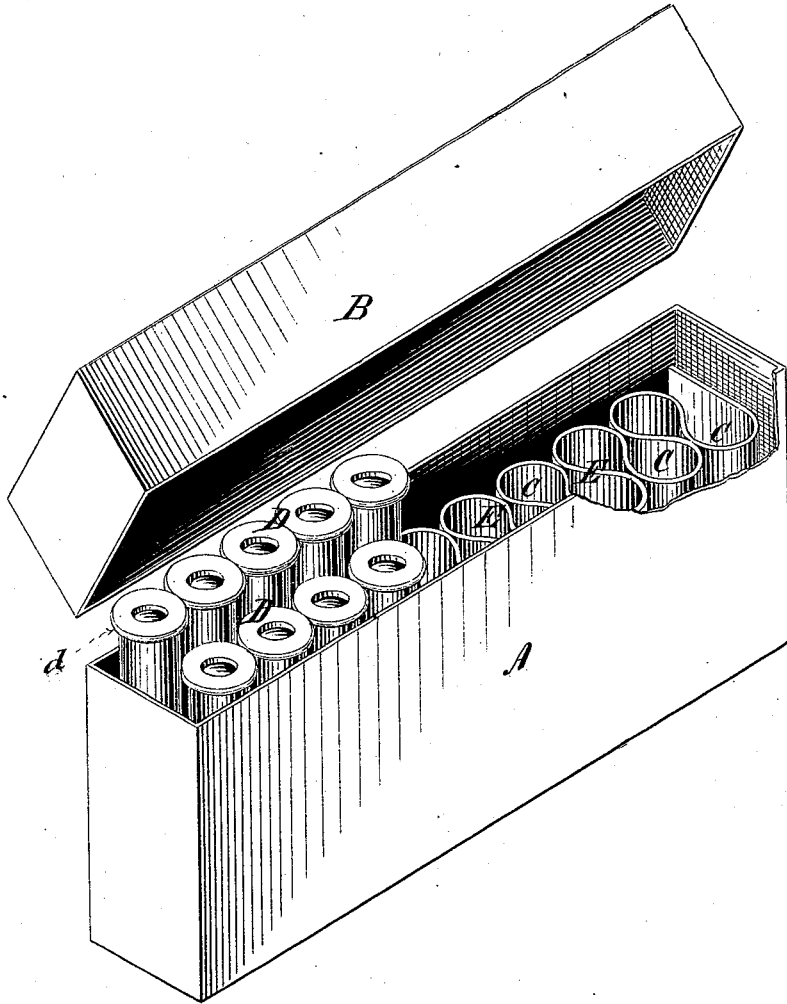


J. W. FRAZIER.  
Cartridge Package.

No. 204,017.

Patented May 21, 1878.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

JOSEPH W. FRAZIER, OF NEW YORK, N. Y.

## IMPROVEMENT IN CARTRIDGE-PACKAGES.

Specification forming part of Letters Patent No. **204,017**, dated May 21, 1878; application filed March 21, 1878.

*To all whom it may concern:*

Be it known that I, JOSEPH W. FRAZIER, of the city and State of New York, have invented a certain Improvement in Cartridge-Packages, of which the following is a specification:

It is the object of my improvement, which relates to the construction of the pasteboard boxes in which cartridges are packed by the manufacturers, to impart to such boxes the capacity of holding cartridges separately by friction; and my invention consists in the introduction into the box of a strip of pasteboard, folded back and forth upon itself in such a way that the bights of the folds in opposite directions form a double row of cells, pear-shaped in cross-section, and transversely of less diameter than the cartridge. When the cartridges are inserted the cells are sprung open laterally, and the pasteboard strip, by its elasticity, presses with sufficient friction upon each cartridge to prevent its dropping out.

The accompanying drawing represents, in isometrical perspective, an ordinary pasteboard box for holding cartridges which is provided with my invention.

The box A is represented as partly filled with cartridges D, and with the cover B removed, and with a portion of its side broken away, in order to more clearly show the empty cells C. The cells are formed by the convolu-

tions of the pasteboard strip E, which is doubled upon itself, as shown, and slipped into the box, to the inside of which it may, if desired, be pasted or otherwise secured. The thickness of the pasteboard strip E is about equal to the width of the cartridge-flange *d*; hence there is no necessity for altering the dimensions of the pasteboard boxes heretofore used for containing cartridges. Such boxes have been usually made to contain two parallel rows of cartridges, and a narrow strip of wood has been placed upon one side of the bottom of the box, for the purpose of raising one row of cartridges above the other, as shown in the drawing.

By means of my invention the cartridges, instead of being loosely contained in the box, are separately held by friction.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

The box A, in combination with the strip E folded back and forth upon itself, and forming in the opposite bights of its folds two parallel rows of cells, adapted to hold two parallel rows of cartridges, substantially as shown and described.

JOSEPH W. FRAZIER.

Witnesses:

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EDWD. PAYSON.