E. C. LUKS.

Dinner-Pails.

No. 138,569. Patented May 6, 1873.

Fig. 1.

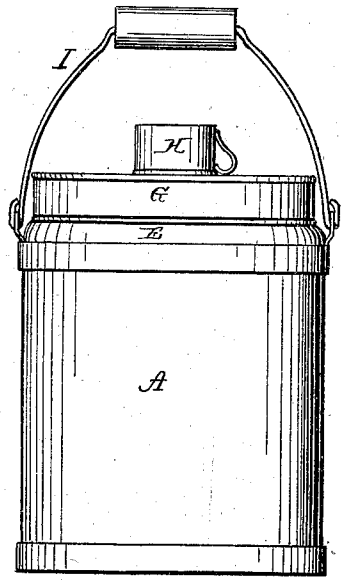


Fig. 3.

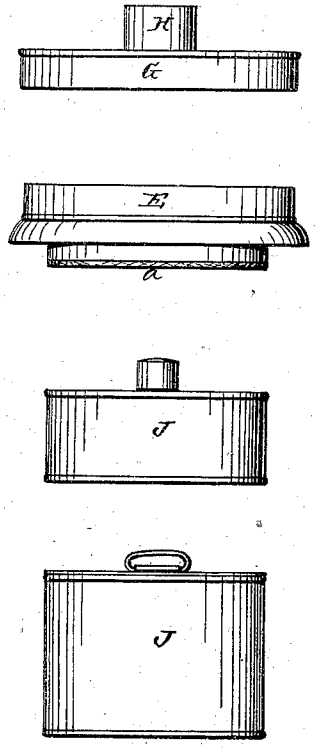


Fig. 2.

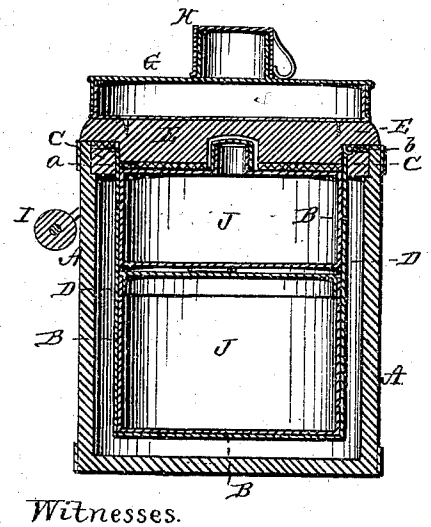
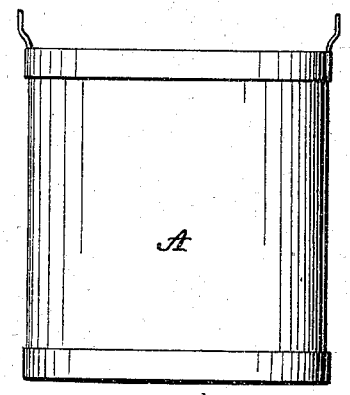


Fig. 4.



Witnesses.

C. C. Poole.

C. L. Ewert.

Inventor

Emil C. Luks

By J. McC. Perkins, Attorney

UNITED STATES PATENT OFFICE.

EMIL C. LUKS, OF MASSILLON, OHIO.

IMPROVEMENT IN DINNER-PAILS.

Specification forming part of Letters Patent No. **138,569**, dated May 6, 1873; application filed April 12, 1873.

To all whom it may concern:

Be it known that I, EMIL C. LUKS, of Massillon, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Dinner-Pails; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of my invention consists in the construction and arrangement of a dinner-pail, having double sides and bottom, and the space between them packed or filled with some non-conducting material, whereby articles of food placed in the pail will retain nearly the same temperature from the time when they are put in in the morning till the time when they are to be used at noon.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which forms a part of this specification, and in which—

Figure 1 is a side elevation, and Fig. 2 a vertical section, of my dinner-pail. Fig. 3 represents the various parts of the dinner-pail detached.

The body of my dinner-pail is composed of an outer cylinder, A, and an inner cylinder, B. The outer cylinder A may be made of any suitable material, but I prefer to use wood; and the inner cylinder B is made of any suitable metal, and the two cylinders connected at their upper ends by a wooden or other ring, C. The two cylinders A and B are of course closed at their lower ends, forming a double bottom as well as double sides. The space between the sides and bottoms of the cylinders A B is then filled with some non-conducting material, D. Any suitable non-conductor of heat may be used for this purpose; but I prefer to use wool to insure lightness. E represents the lid, which may be made of wood or other suitable material, and fits tightly in the pail. This lid is lined on the under side with felt, *a*, and rests on a felt ring, *b*, to form a joint that will exclude the cold air. On top of this lid E is another metallic lid, G, which may be used as a plate, and on top of the same is the cup H. I is the bail or handle, and J J are suitable receptacles for solid and liquid food, which are placed within the pail.

By this construction of the dinner-pail food may be kept hot for a long time without the aid of artificial heat, so that working-men, getting it filled with hot substances on going to their places of business in the morning, may, when opening them at dinner-time, find them of nearly the same temperature they had when committed to the pail. This is a very important item, and constitutes the chief advantage of my dinner-pail.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the cylinders A and B, connected at their upper ends by the ring C, and the space between them filled with non-conducting packing D, the lid E, with lining *a*, cover G, and interior food-receptacles J J, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 9th day of April, 1873.

EMIL C. LUKS.

Witnesses:

WILLIAM B. PORTER,

JOHN C. PEPPER.