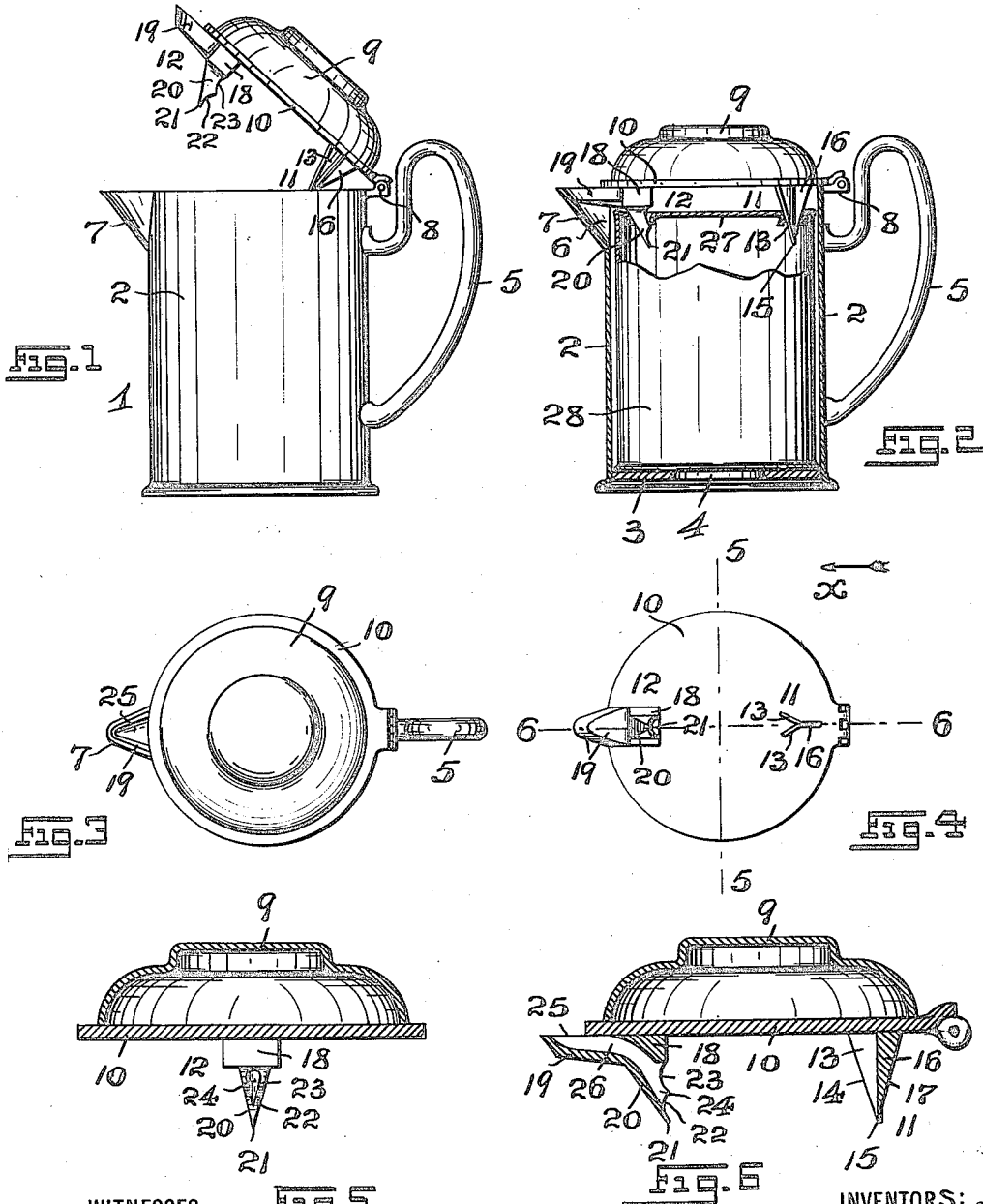


N. C. & C. S. BROWN.
CAN RECEIVING AND PIERCING DEVICE.
APPLICATION FILED NOV. 27, 1917.

1,295,425.

Patented Feb. 25, 1919.



WITNESSES:
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UNITED STATES PATENT OFFICE.

NICHOLAS C. BROWN AND CAROLINE S. BROWN, OF MOUNT VERNON, NEW YORK.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, NICHOLAS C. BROWN and CAROLINE S. BROWN, citizens of the United States, residing at Mount Vernon, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Can Receiving and Piercing Devices; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to characters of reference marked thereon, which form a part of this specification.

This invention has reference, generally, to a novel construction of receptacle adapted to serve primarily as a container for the usual can containing milk or other liquid, the cover or lid of the receptacle being provided with piercing elements serving to provide the closed head or end of the can with suitable openings which will permit of the contents of the can to be readily poured from the can held within the receptacle, the latter serving as an ornamental table-utensil which hides the unsightly can, and also preserves the contents of the can in a fresh and non-contaminated condition.

The present invention, therefore, has for its principal objects to provide a useful as well as an ornamental and simple table-utensil for the purposes above stated, with a view of providing a device which can be readily employed for piercing the end or head of the can; and, furthermore, to provide in addition to the can-piercing means an effectively constructed pouring means or spout which is brought into perfect registration with one of the openings produced in the end or head of the can, and is of such novel construction, that the contents of the can can be poured from the can and will freely flow into and through the said pouring spout.

Other objects of the present invention not at this time more particularly enumerated will be clearly understood from the following detailed description of the present invention.

With the various objects of the present invention in view, the said invention consists, primarily, in the novel table-utensil hereinafter set forth; and, the said invention consists, furthermore, in the novel ar-

rangements and combinations of the several devices and parts, as well as in the details of the construction of the said parts, all of which will be more fully described in the following specification and then finally embodied in the clauses of the claim which are appended to and which form an essential part of the said specification.

The invention is clearly illustrated in the accompanying drawings, in which:—

Figure 1 is a side elevation of the table-utensil, with its cover or lid shown raised, and the said device illustrating one embodiment of the principles of the present invention.

Fig. 2 is a vertical sectional representation of the body of the receptacle, the cover or lid of the same being represented in elevation and closed, said view illustrating in connection therewith, partly in elevation and partly in section, a can placed within the receptacle, and the end or head of which has been pierced, so as to hold the can in place within the receptacle and at the same time permit of pouring from the can into and from the spout of the receptacle.

Fig. 3 is a top view of the receptacle; and Fig. 4 is a bottom view of the cover.

Fig. 5 is a vertical cross-section of the said cover, said section being taken on line 5—5 in said Fig. 4, looking in the direction of the arrow *a*; and Fig. 6 is a similar section of the cover, said section being taken on line 6—6 in said Fig. 4, said Figs. 5 and 6, however, being drawn on an enlarged scale.

Similar characters of reference are employed in the above described views, to indicate corresponding parts.

Referring now to the several figures of the drawings, the reference-character 1 indicates the can-receiving receptacle, which may be of any suitable material and size, as well as of any desired ornamentation.

This receptacle usually comprises a cylindrical body, as 2, formed with a suitable base or bottom 3 which is preferably provided with an opening 4. As here shown, the said body 2 may also be provided with a handle 5, and an oppositely disposed marginal open portion 6 over a portion of which is suitably disposed a spout-shaped member 7.

The said body 2 is also provided upon its upper edge with a hinge or pintle-receiving member 8 to which is hinged a suitably

shaped cover or lid 9 adapted to close the upper open portion of the said body 2. This cover or lid which is usually hollow, as shown, is closed by means of a bottom-plate or disk 10, to the bottom or lower surface of which are secured, in any suitable manner, a pair of piercing members, as 11 and 12.

The said piercing member 11 consists, essentially, of a pair of angularly disposed cutters or blades 13 arranged in the form of the letter V, the outer edges of said blades tapering, as at 14, and terminating in a piercing point 15. Extending rearwardly from the vertically disposed meeting edge of the said cutters or blades 13, is a third and rearwardly extending cutter or blade 16, also provided with a tapering cutting edge 17, terminating at a point directly above the piercing point 15.

The piercing device 12 consists, essentially, of a block-shaped body-member, as 18, having a forwardly extending nozzle or spout-shaped member 19. Extending downwardly and rearwardly from the said body-member 18 is a tapering piercing element 20, terminating in a piercing point 21, and the arc-shaped cutting edges 22 and 23, substantially as shown in Figs. 2 and 5 of the drawings.

Extending from the open portion 24 of the said piercing element 20, to the open portion 25 of the nozzle or spout-shaped member 19 is a pouring duct 26.

Having in the foregoing, in a general manner, described a construction of can-receiving and piercing receptacle, illustrating one embodiment of the principles of the present invention, the manner of using the device as a protecting receptacle for the reception of a can containing milk or other liquid, and also the manner of using the cover or lid of the receptacle for the purpose of doubly piercing or perforating the head or end 27 of the can 28, and providing in addition an efficiently operating pouring means or spout for pouring or discharging the contents of the can 26, will be clearly understood from the foregoing specification and from an inspection especially of Fig. 2 of the drawings.

It will be clearly understood, that by means of the novel table-utensil herein described, we have devised a simple, useful, as well as an ornamental device, for perforating the sealed end of a can, so as to permit the contents of the can to be poured from the spout of the receptacle, the closed cover or lid also serving as a means for keeping the contents of the can in a clean and sanitary condition.

We are also aware, that changes may be made in the general arrangements and combinations of the several devices and parts, as well as in the details of the construction of the said parts, without departing from the

scope of the present invention as set forth in the foregoing specification and as defined in the clauses of the claim which are appended to and which form an essential part of said specification. Hence, we do not limit our present invention to the exact arrangements and combinations of the several devices as described in the said specification, nor do we confine ourselves to the exact details of the construction of the said parts, as illustrated in the accompanying drawings.

We claim:—

1. A can-receiving and piercing device comprising a body in which the can is adapted to be disposed, a lid connected with said body, and a pair of piercing devices depending from said lid, one of said piercing devices consisting of a block-shaped body-member having a forwardly extending spout-shaped member, a downwardly and rearwardly extending piercing element having arc-shaped cutting edges terminating in a piercing point, said piercing point and cutting edges providing an open portion, and the said block-shaped body-member being provided with a pouring duct extending from the open portion of the piercing element to the open portion of said spout-shaped member.

2. A can-receiving and piercing device comprising a main body in which the can is adapted to be disposed, a handle extending from said body, and a spout-shaped member also extending from said body, a lid connected with said body, and a pair of piercing devices depending from said lid, one of said piercing devices consisting of a block-shaped body-member having a forwardly extending spout-shaped member adapted to fit into and register with the spout-shaped member of said main body, the spout-shaped member of said piercing device having a downwardly and rearwardly extending piercing element terminating in a piercing point, said piercing element having an open portion, and the said block-shaped member being provided with a pouring duct extending from the open portion of the piercing element to the open portion of the spout-shaped member of said piercing device.

3. A can-receiving and piercing device comprising a main body in which the can is adapted to be disposed, a handle extending from said body, and a spout-shaped member also extending from said body, a lid connected with said body, and a pair of piercing devices depending from said lid, one of said piercing devices consisting of a block-shaped body-member having a forwardly extending spout-shaped member adapted to fit into and register with the spout-shaped member of said main body, the spout-shaped member of said piercing de-

vice having a downwardly and rearwardly
extending piercing element terminating in a
piercing point, said piercing element having
an open portion, and the said block-shaped
5 member being provided with a pouring duct
extending from the open portion of the
piercing element to the open portion of the
spout-shaped member of said piercing de-
vice, and said other piercing device consist-
10 ing of a pair of angularly disposed blades,
said blades having tapering edges terminat-
ing in a piercing point and a rearwardly

extending cutter-blade, said last-mentioned
blade having a tapered edge terminating at
a point above said piercing point. 15

In testimony that we claim the invention
set forth above we have hereunto set our
hands this 22nd day of November, 1917.

NICHOLAS C. BROWN.
CAROLINE S. BROWN.

Witnesses:

CLARENCE FOUNTAIN,
MILDRED F. BROWN.