

(No Model.)

S. E. FISH.
CASH DELIVERING DEVICE.

No. 519,449.

Patented May 8, 1894.

Fig. 1.

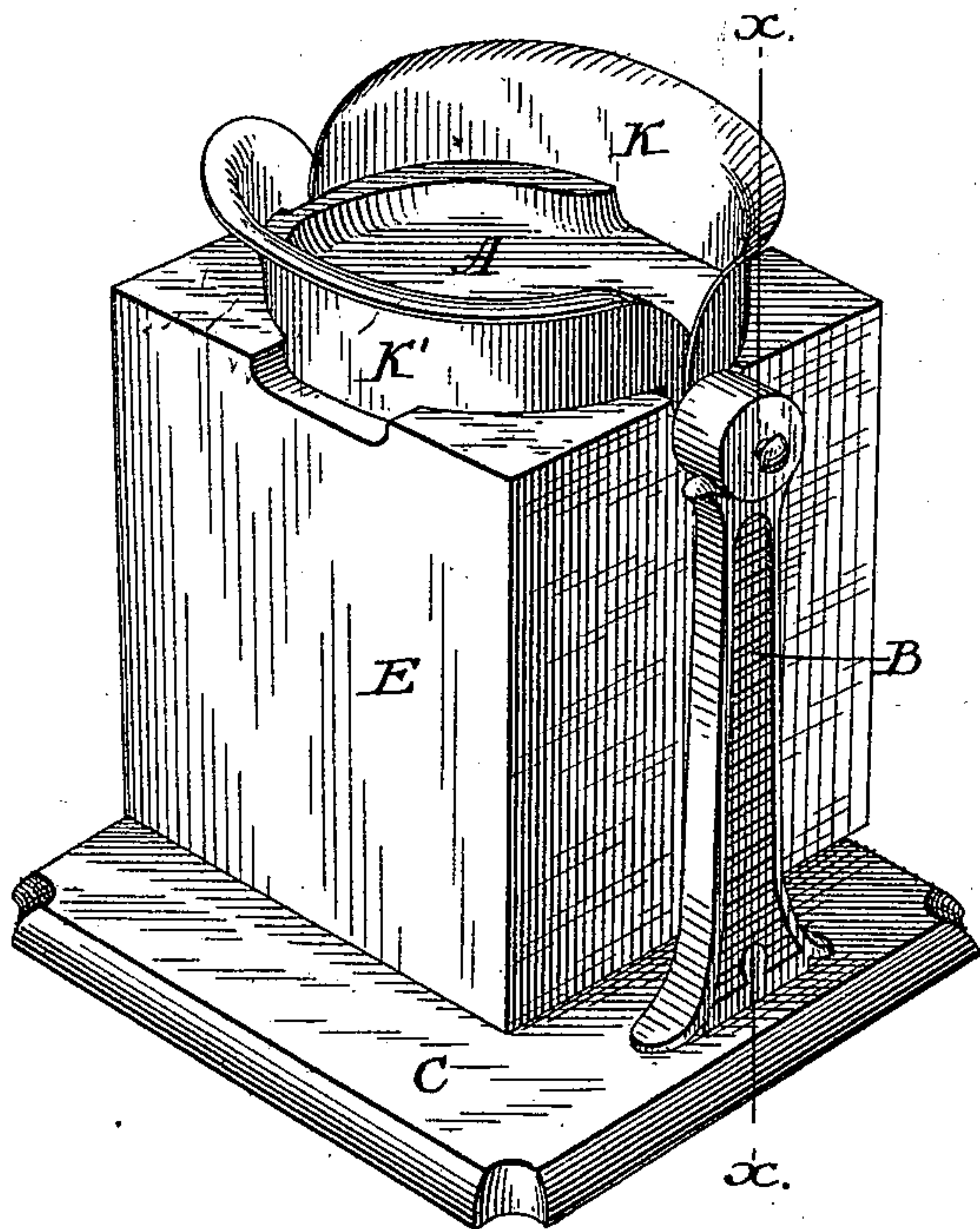


Fig. 3.

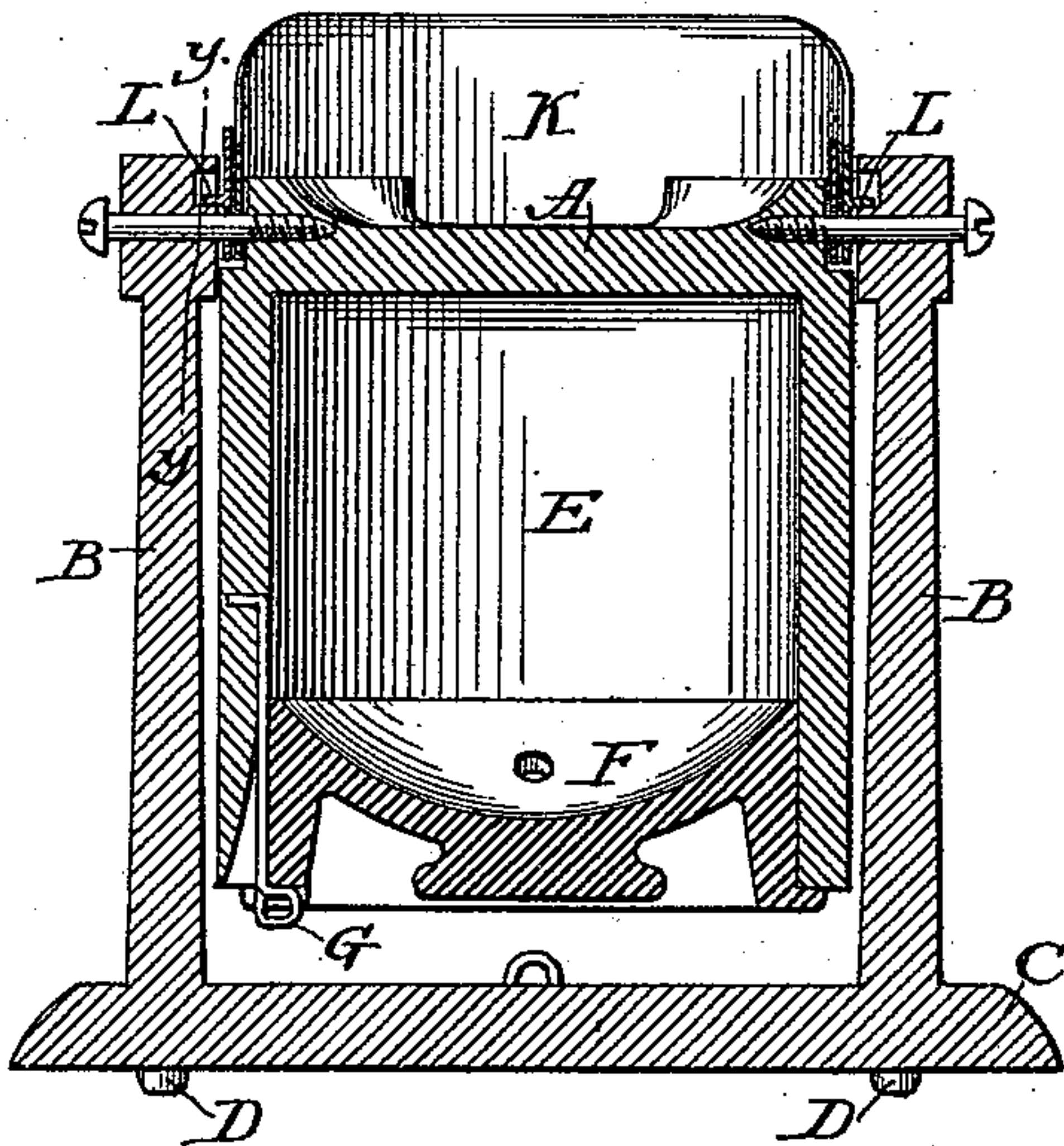


Fig. 2.

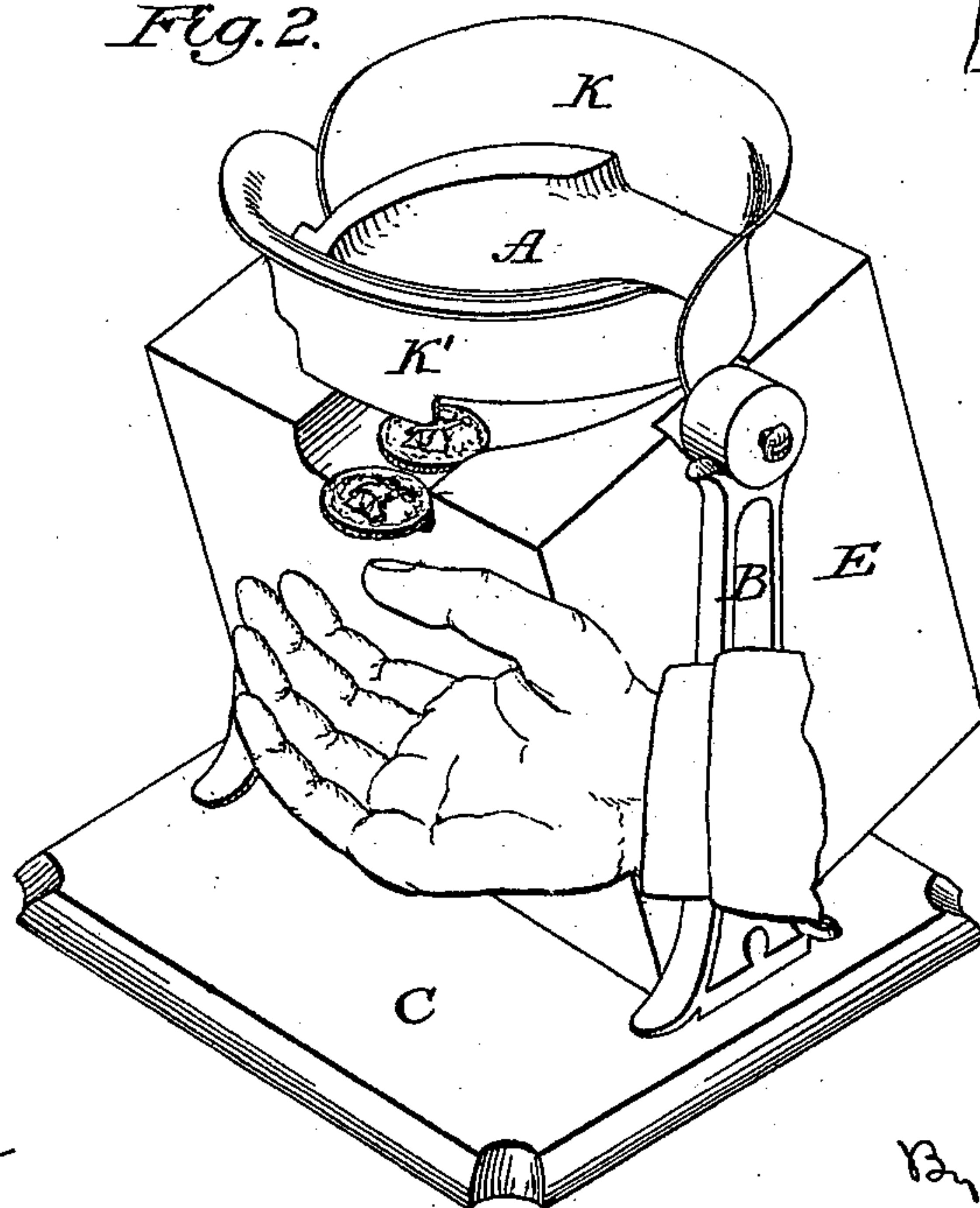
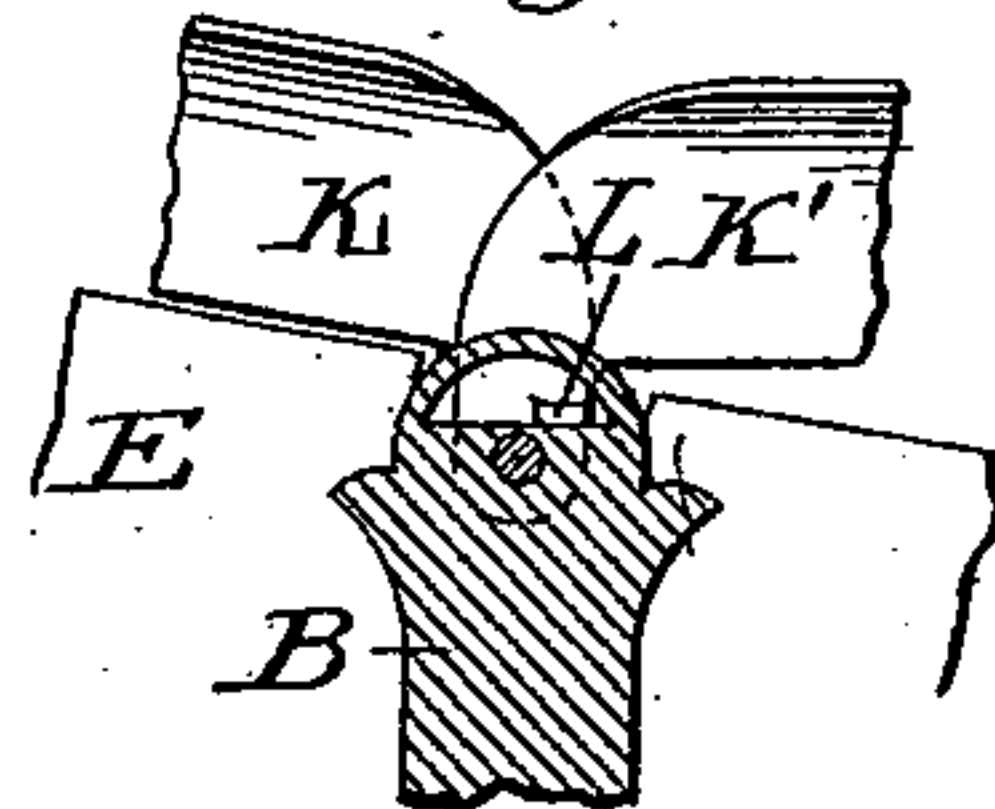


Fig. 4.



Attest:
A. J. Jesperson
E. M. Watson

Inventor:
Sidell E. Fish
By David A. Burr
Atty.

UNITED STATES PATENT OFFICE.

SIDELL E. FISH, OF GREENPORT, NEW YORK.

CASH-DELIVERING DEVICE.

SPECIFICATION forming part of Letters Patent No. 519,449, dated May 8, 1894.

Application filed December 31, 1888. Serial No. 295,010. (No model.)

To all whom it may concern:

Be it known that I, SIDELL E. FISH, of Greenport, in the county of Suffolk and State of New York, have invented a new and useful
5 Device for Delivering Coin in Change; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon,
10 making a part of this specification.

My invention relates to the delivery of coin in change to the purchaser in a cash transaction and has for its object to obviate the annoyance and delay which oftentimes occurs
15 in the attempt to pick up the coins from a flat surface, and to provide at the same time a neat advertising medium.

It consists in a coin tray, mounted to oscillate freely so that it may be readily tipped to
20 cause the coin deposited thereon to slide off into the hand, and so balanced as that it shall right itself automatically after being tipped, and in the combination of accessory devices with the balanced tray, all as hereinafter described and claimed.

Figure 1, is an elevation in perspective of one form of my improved change-delivering device in its normal position; Fig. 2, a similar elevation illustrating the same device when
30 tipped for the delivery of the change; Fig. 3, a vertical section in line $x-x$ of Fig. 1; Fig. 4, a detailed section of the pivotal support for the coin-tray and its detached divided rim, in line y, y of Fig. 3.

35 Similar letters indicate like parts in all of the figures.

A, represents a tray or shallow receptacle adapted to receive the coin to be delivered in change. This coin-tray is centrally pivoted
40 preferably below the line of the tray to tip in either direction between two lateral standards B, B, mounted upon a suitable base C, which is preferably made portable and adapted to be placed on the counter in a store, or in such
45 other situation as may be most convenient for the ready delivery of the change in a cash transaction. This base is preferably provided with soft rubber feet D, D, to prevent it from slipping upon the smooth surface of the counter. The tipping ends of the pivoted tray are
50 preferably so fashioned, as that the coin de-

posited upon the tray shall, when it is tipped, slide toward the middle of the depressed end for delivery therefrom. The tray thus pivoted is balanced by means of a sufficient
55 weight attached thereto in any suitable manner to depend therefrom below its pivotal axis so that it will automatically assume a horizontal position. By thus lowering the center of gravity of the oscillating tray it is made
60 to right itself whenever tipped in either direction and will normally maintain a horizontal position in readiness for the receipt of the coin.

Preferably, the balancing weight for the
65 tray is constructed in the form of a hollow case E, closed at the side or bottom by a door or cover F,—see Fig. 3,—which may be confined by a spring-catch, G; the case being made to serve as a very convenient recepta-
70 cle for a ball of twine, while its faces are utilized for the display of advertisements.

A deep rim may be used with the coin-tray by making the rim independent thereof, and, (where the tray is designed to tip upon its
75 pivot in both directions,) dividing it into two semicircular sections K K' each of which is pivoted to the pivotal axis of the tray in manner to rest closely against the upper face of the tray when it is in its normal, horizontal
80 position,—see Fig. 1,—and be free to swing upward with either end as it oscillates. While each section K K' of the rim is thus free to swing upward, it is prevented from dropping below a horizontal plane with the descent of
85 the corresponding end of the tray, by a suitable stop, whereby the coin is left free to pass out between the lower edge of the arrested rim and the top of the depressed end of the tray, as shown in Fig. 2. The stop for the
90 sectional rim may consist, as illustrated in Fig. 4, of an offset L projecting therefrom into a counterpart offset in the proximate standard B.

In the operation of the device, the coin for
95 change is placed on the tray, A, and the person to whom it is paid may then readily take it by simply placing his hand against or under the edge of the tray and tipping the tray until the coin slides therefrom into the hand,
100 as shown in Fig. 3. This movement carries the top edge of the tray away from the rim K,

confining the coin, while the opposite sectional rim, K', swings upward with the opposite edge of the tray.

The case, E, furnishes a very convenient receptacle in which to confine a ball of twine in readiness for use as required, while the twine within the case serves to aid in balancing the tray.

I claim as my invention—

10 1. The combination in a change-delivering device of a coin-delivering tray, a pivotal support therefor, and a balancing weight suspended therefrom, said weight being hollow and constituting a receptacle, substantially in
15 the manner and for the purpose herein set forth.

2. The combination in a change-delivering device of a coin-delivering tray, a pivotal support therefor, and a hollow case dependent
20 from the tray and provided with panels for advertising purposes, substantially in the manner and for the purpose herein set forth.

3. The combination with the oscillating, self-righting, coin-delivering tray, of an independent upper rim against which the tray is
25 closed in its normal position, and from a portion of which it moves when oscillated, sub-

stantially in the manner and for the purpose herein set forth.

4. The combination with the pivoted, self-righting, coin-delivering tray, of the divided rim whose sections are pivoted to swing on the axis of the tray, substantially in the manner and for the purpose herein set forth. 30

5. The combination of the supporting base-plate, the vertical standards secured thereto, the oscillating case pivoted at its upper end to swing between said standards and provided with a coin-receptacle on its upper face, the detached, divided rim inclosing said receptacle and whose sections are severally pivoted to the axis of the swinging case each to move upwardly with the corresponding end of the case, and the stops to prevent a descent of either section below the level of its pivotal axis, substantially in the manner and for the purpose herein set forth. 35 40 45

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SIDELL E. FISH.

Witnesses:

A. N. JESBERA,
E. M. WATSON.