

No. 649,531.

Patented May 15, 1900.

L. BEYER.

APPARATUS FOR INDICATING AND CHECKING SUPPLY OF BEER, &c., IN  
GLASSES, TANKARDS, &c.

(Application filed June 21, 1897.)

(No Model.)



Fig. 1.

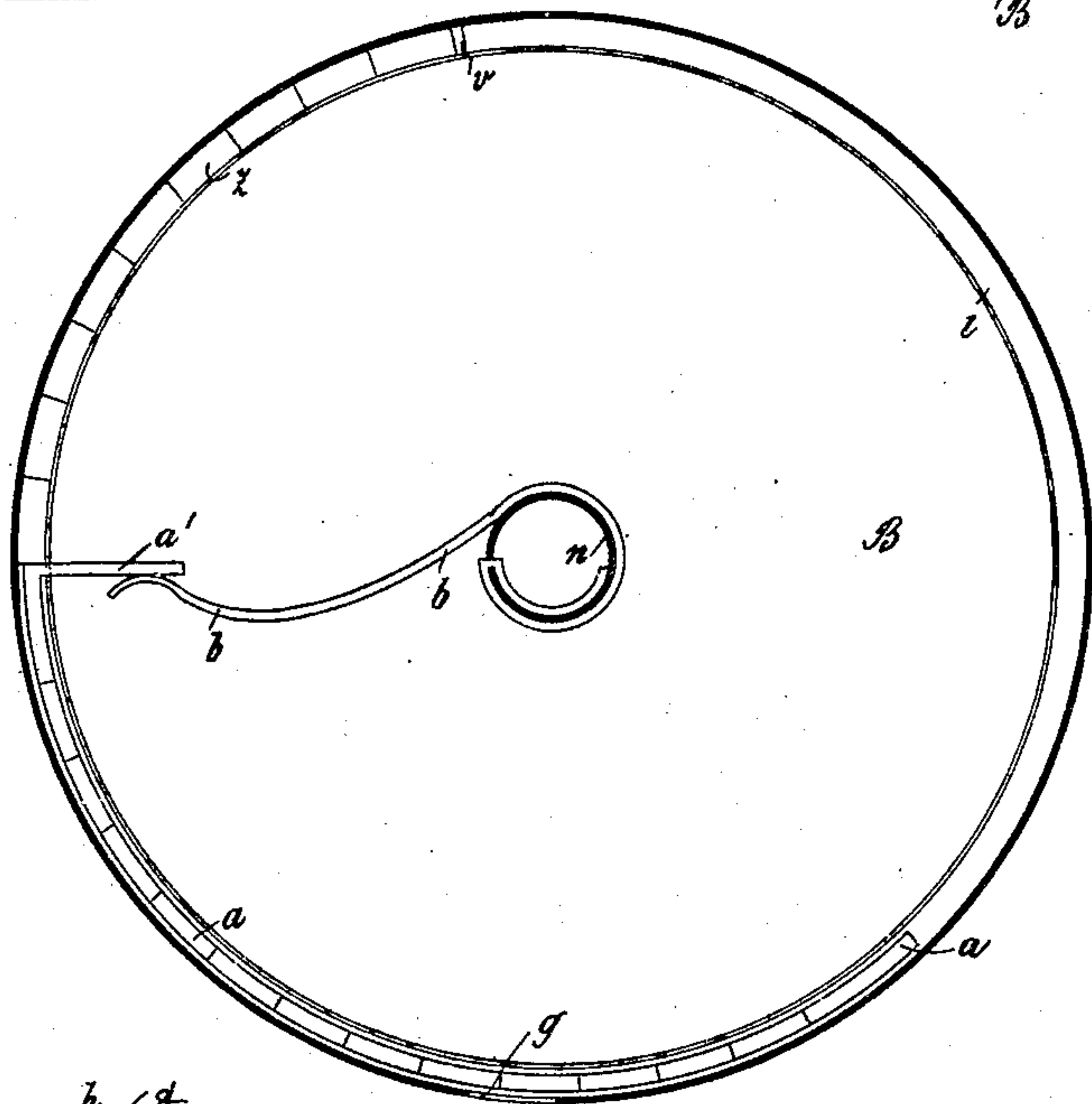


Fig. 2.



Fig. 3.

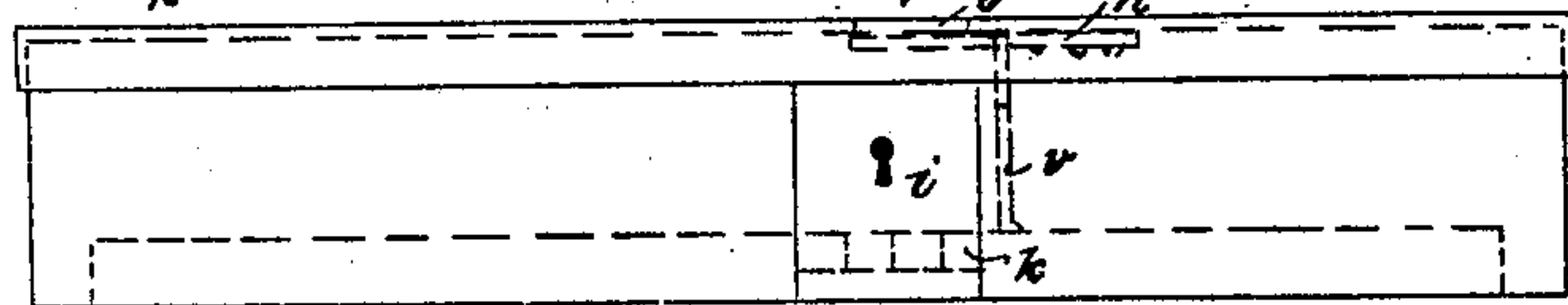


Fig. 4.

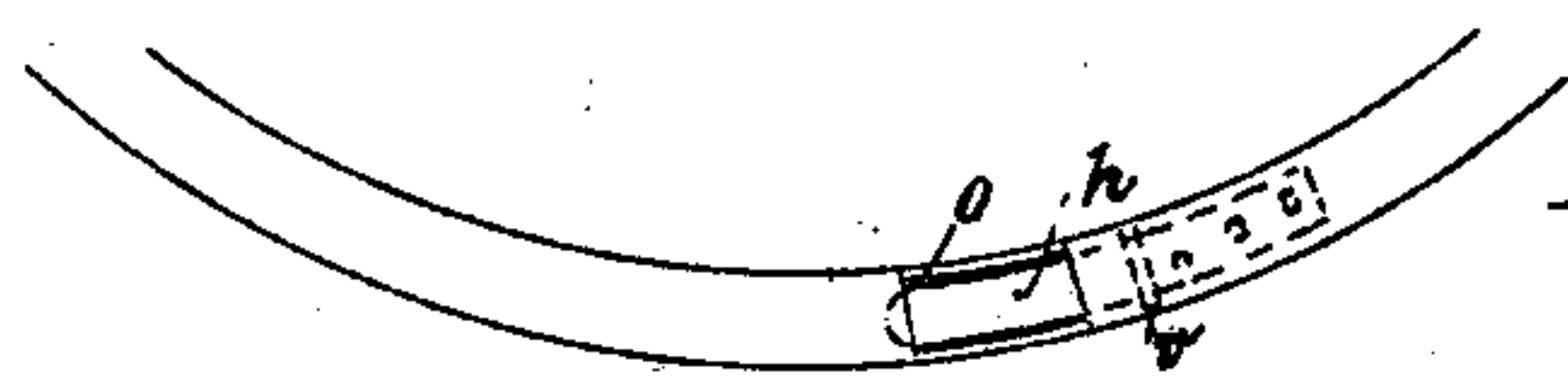


Fig. 5.

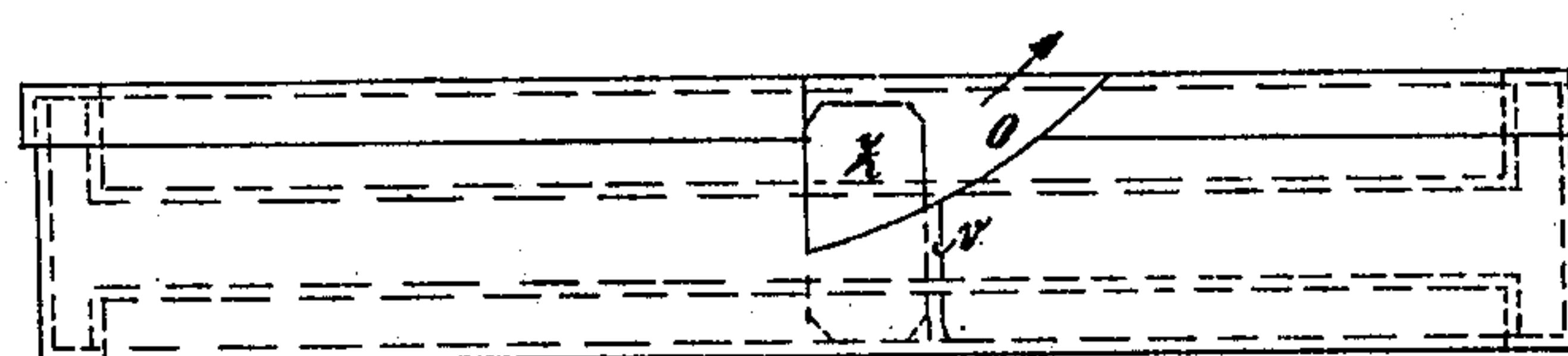


Fig. 6.

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Fig. 7

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# UNITED STATES PATENT OFFICE.

LOUIS BEYER, OF GIEBICHENSTEIN, GERMANY.

APPARATUS FOR INDICATING AND CHECKING SUPPLY OF BEER, &c., IN GLASSES, TANKARDS, &c.

SPECIFICATION forming part of Letters Patent No. 649,531, dated May 15, 1900.

Application filed June 21, 1897. Serial No. 641,680. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS BEYER, manufacturer, of Giebichenstein, near Halle, in the Kingdom of Prussia, German Empire, have invented new and useful Improvements in Apparatus for Indicating and Checking the Supply of Beer or other Liquors in Glasses, Tankards, or the Like, of which the following is a specification.

10 This invention relates to a device for indicating and checking the number of glasses of beer or other liquor supplied to a customer, whereby any fraud on the part of the waiter or the customer is prevented.

15 The said device is contained within the stand on which the beer-glass, tankard, or other drinking vessel is placed before the customer.

20 The invention is illustrated in the accompanying drawings.

Figure 1 is a side view of the stand for the beer-glass, with the checking mechanism contained therein shown in dotted lines. Fig. 2 is a plan view of such stand; Fig. 3, a cross-section of the same; Fig. 4, another side view; Fig. 5, a partial plan; Fig. 6, a modification of the stand, and Fig. 7 a mark or token in plan and side view.

30 The stand for the beer-glass consists of an upper part A and a lower part B, which are correspondingly shaped and firmly connected together. In the center of the lower part B a pin *n* is fixed, and to this pin a spring *b* is attached, which constantly bears on the part 35 *a'* of a metal counting-band or indicating-ribbon *a*, running in the groove *l*. The upper part A of the stand is provided with a slot *o*, furnished with a spring-cover *h*. When a glass of beer, for example, is delivered to the 40 customer, a token or counter *z*, Fig. 7, is placed in the slot *o* and extends into the groove *l*, pushing the above-mentioned counting-band or indicating-ribbon a certain distance forward. The indicating-ribbon is furnished 45 with numbers, one of which is constantly visible through the aperture *g*, Fig. 1. Supposing the apparatus to be set at zero and a mark or counter is inserted, the latter will push the indicating-band so far as to cause the numeral "1" to be visible through the aperture *g*. This action will be repeated every time a glass of beer is delivered to the customer, so that the number of glasses delivered can be visibly and accurately noted.

For the purpose of preventing any fraud— 55 that is to say, rendering impossible any unauthorized tampering with the indicating-band—the latter is provided on its upper edge with teeth or indentations, in which a pawl *c* is pressed by a spring *d*. In order to remove 60 the counters or tokens from the apparatus, the flap *i*, which is hinged at *k*, should be unfastened from the under part B of the stand and folded back. The ratchet-pawl *c* is now released, and the spring *b*, which engages with 65 the indicating-ribbon *a* at *a'*, will push all the tokens or counters toward and allow them to fall out through the aperture produced by the turning back of the flap *i*.

If the tokens are to be used as beer-tokens— 70 that is to say, in paying for the beer—the apparatus is arranged to operate in a manner exactly the reverse of the above and is charged with a number of the tokens before the first glass of beer is delivered to the cus- 75 tomer and the spring *b* thereby put in tension. When the waiter delivers a glass of beer, he takes away one of the counters *z*, Fig. 6, projecting from the opening *o*, (the spring-cover *h* not being used in this case,) whereby 80 the spring *b* causes the indicating-band *a* to move forward and a number corresponding with the number of glasses supplied appears through the aperture *g*.

Having now described my invention, what 85 I claim, and desire to secure by Letters Patent, is—

An apparatus for indicating the number of glasses supplied to customers comprising the stand or support for the glasses having an annular channel and a compartment beneath 90 communicating with said channel, said channel having an exposing-opening in its side, the band set on edge in the channel and bearing indicating characters, the spring support- 95 ed at one end centrally of the compartment and having its opposite end engaging a projection of the band, said channel having an opening to receive counters adapted to move the band, substantially as described. 100

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

LOUIS BEYER.

Witnesses:

EDUARD LOEPER,  
RUDOLPH FRICKE.