M. HANUSCH.

DEVICE FOR GIVING OUT COINS.

APPLICATION FILED DEC. 10, 1914.

1,212,052.

Patented Jan. 9, 1917.

3 SHEETS—SHEET 1.

Fig. 1

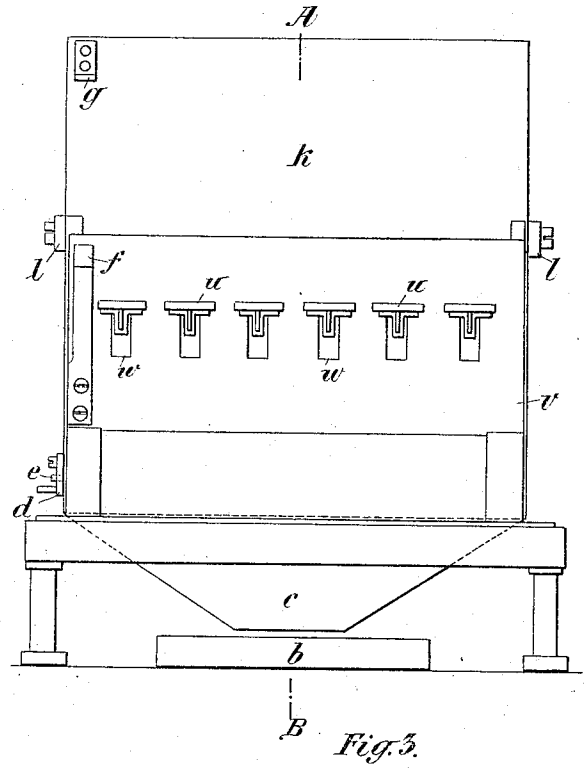
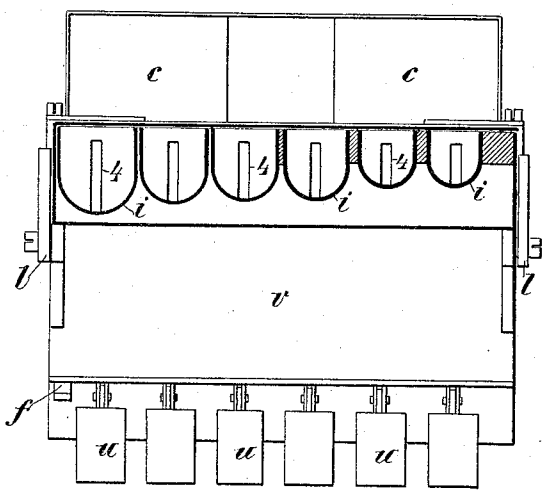


Fig. 3.



Witnesses.

C. D. Swett,

C. A. Knight

Inventor.

Max Hanusch

by F. Dittmar

Attorney.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

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3 SHEETS—SHEET 2.

Fig. 2

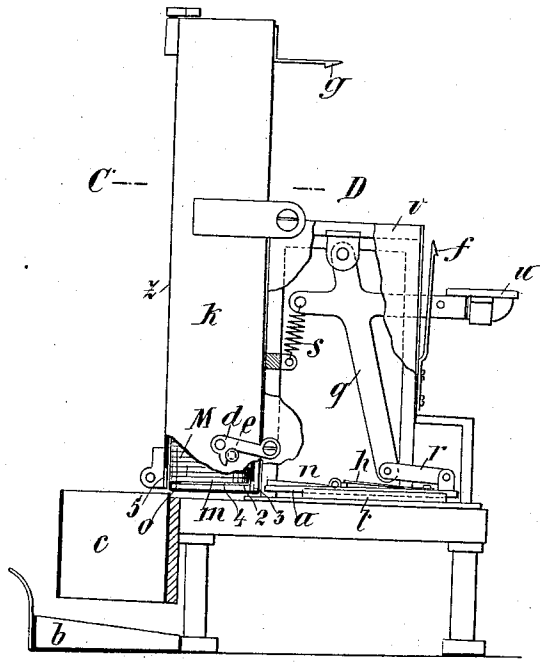


Fig. 4

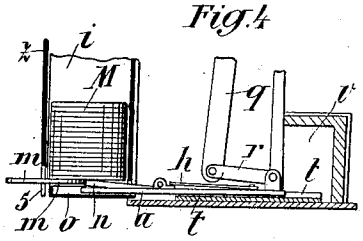


Fig. 5

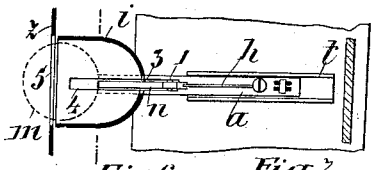


Fig. 6

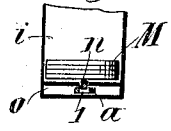
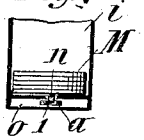


Fig. 7



Witnesses

C. D. Swett.

W. S. Knight

Inventor:

Max Hanusch

by F. Dillmar

Attorney.

THE NORRIS PETERS CO., PHOTO LITHO., WASHINGTON, D. C.

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3 SHEETS—SHEET 3.

Fig. 8

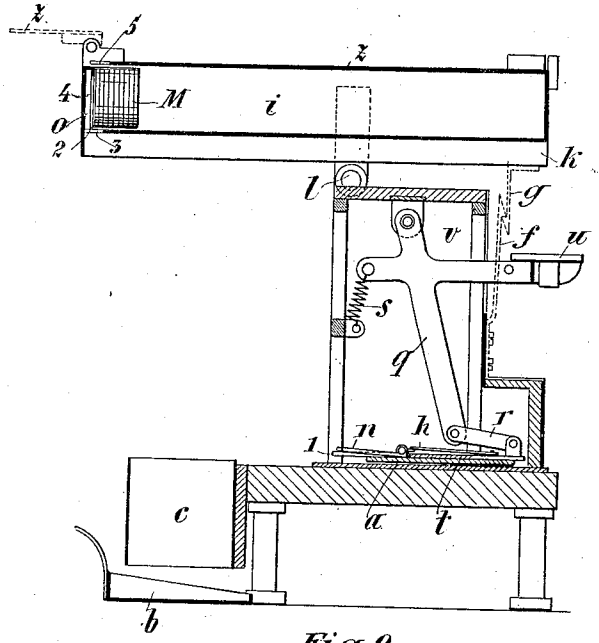
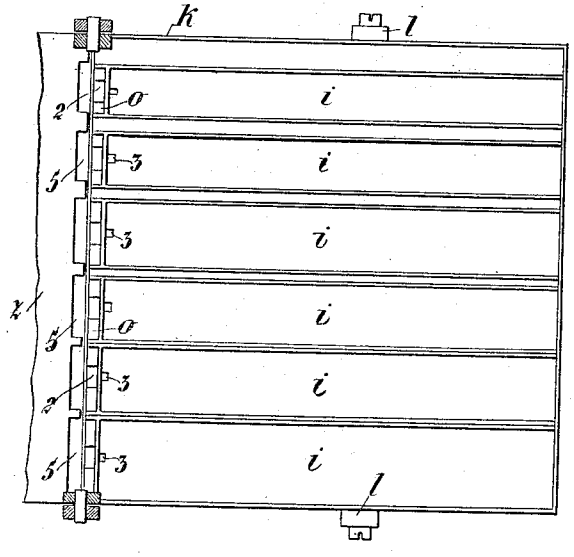


Fig. 9.



Witnesses.

C. D. Swett.

W. W. Knight

Inventor

Max Hanusch

by F. Dillmar

Attorney.

THE NORRIS PETERS CO., PHOTO LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

MAX HANUSCH, OF MARIENBAD, AUSTRIA-HUNGARY.

DEVICE FOR GIVING OUT COINS.

1,212,052. Specification of Letters Patent. **Patented Jan. 9, 1917.**

Application filed December 10, 1914. Serial No. 876,562.

To all whom it may concern:

Be it known that I, MAX HANUSCH, a subject of the Emperor of Austria-Hungary, residing at Marienbad, in the Empire of Austria-Hungary, have invented certain new and useful Improvements in Devices for Giving Out Coins, of which the following is a specification, reference being had therein to the accompanying drawing.

The present invention relates to an apparatus for giving out coins of different denominations and size, the coins being placed in different sized chambers according to the size of the money, the chambers being arranged one next to the other, and of an ejecting device through which the coins are released and pushed out, as the different amounts are required and needed. The ejecting device being of special construction, as shown in the drawings and described hereafter. The device is operated by a key-board, each key controlling one of the ejecting devices, whereby the lowermost coin is released and ejected.

It will be found that my device is of a simple construction, the apparatus being compact in its structure, easy to handle and move about, and simple to manipulate.

In order to facilitate the filling of the rows *i* with money, the same are arranged to tilt individually or the entire row may be tilted out of the casing.

In the drawings is shown the way the coin is being handled according to the present invention.

Figure 1 is a front elevation showing the keyboard. Fig. 2 is a side elevation, a portion partly taken away. Fig. 3 is a top plan with a part in section, the section being taken through lines C—D of Fig. 2. Fig. 4 is a vertical detail section through the casing showing the coin ejecting mechanism in elevation. Fig. 5 is a top plan of Fig. 4. Fig. 6 is a sectional detail with the ejector in one position. Fig. 7 is a similar view showing the ejector in a different position. Fig. 8 is a transverse vertical section on the line A—B of Fig. 1 and Fig. 9 is a top plan view showing the coin receptacles empty.

Like characters of reference indicate like parts in the different views.

The coins M are placed in rows or chambers *i* arranged according to the different values of money, arranged in the casing *k*, which has a removable wall *z*. Each chamber *i* is provided with a special pusher or ejector *n*, *a* through which the money is pushed into a universal outlet *c*, through which it will pass onto the delivery device *b*.

Each ejector is operated by a special key *u;* the present apparatus shows six coin receptacles and six keys therefor arranged in rows to operate them. The levers *q* are pivoted in a housing *v*, the front wall thereof having slits *w* wherein for the upward and downward movement of the keys. Each lever *q* is pivotally connected at its lower end by a link *r* with a slide or ejector *n* so that each downward movement of the key *u* will move the coin ejector forward, whereby the lowermost coin *m* will be pushed out. In releasing the key *u* the lever will be drawn back to its normal position by means of the spring *s* connecting a rearward extension of the lever with some fixed part as seen in Figs. 2 and 8.

Each coin ejector consists of a bottom plate *t* on which a slide *a* operates and to which the link *r* is attached. To this slide *a*, a wedge shaped tongue *n*, is secured, a spring *h* acting thereon as shown in Figs. 2, 4 and 8. In filling the apparatus the tongue *n* will be depressed or pushed downward in the slit 1 of the part *a*. In moving the key the slide *a* will pass through a slot 2 of the wall in the hollow body *o* of the coin row, while the tongue *n* will come in contact with the lowermost coin by means of the slot 3, the coin will thus be taken along and ejected.

The tongue *n* operates in a slit 4 in the upper face of the hollow body *o*, and will remain in its uppermost position under the second lowermost coin, while the weight of the coin is being carried by the tongue *n* over the hollow part *o*, as shown in Figs. 3 and 5. After the lowermost coin has been pushed out of the slit 5 of the rear wall *z*, the tongue *n* will be depressed by the weight of the stack of coins M and will entirely sink into the slit 4 of the bottom plate, (Fig. 7) on which latter the weight of the coins will now rest, so that the spring *s* will return the lever to its normal position. After the coin has been ejected and as the slide and the parts carried thereby return to their normal position that seen in Fig. 8, the tongue *n* will be raised by reason of the spring *h* pressing downward upon the heel thereof.

The casing *z* with its rows of chambers *i* is pivotally mounted upon a transverse rod

or pivot *l* supported on the housing *v* so that the casing *z* may be turned on such a pivot from its operative position that is vertical as seen in Fig. 2, to a horizontal position as shown in Fig. 8 to facilitate the loading of the device with the coins M. When in its horizontal position this casing *z* is secured against tilting movement, by means of the interengaging catch members *f*, *g*, secured to the housing *v* and the casing *z* respectively, as seen in Fig. 8 in dotted lines. When in its vertical position the casing *z* is firmly held against movement by a pivoted latch *d*, engaging over a pin *e*, projecting laterally from the casing as seen in Figs. 1 and 2.

Claims:

1. In a coin handling device, a coin receptacle pivotally mounted substantially near its midlength and movable from a vertical to a horizontal position, and vice versa, said receptacle having a removable wall with a slit, a housing having a slit, a key lever mounted in said housing and movable in said slit, a link pivotally connected to the lower end of said key lever, a slide pivotally connected to said link and a tongue carried by said slide and movable beneath the bottom of the receptacle to eject a coin.

2. In a coin handling device, a coin receptacle pivotally mounted substantially near its midlength and movable from a vertical to a horizontal position, and vice versa, said receptacle having a removable wall with a slit, a housing having a slit, a key lever mounted in said housing and movable in said slit, a link pivotally connected to the lower end of said key lever, a slide pivotally connected to said link and a tongue carried by said slide and movable beneath the bottom of the receptacle to eject a coin, and a spring on said slide bearing on said tongue.

3. In a coin handling device, a coin receptacle pivotally mounted substantially near its midlength and movable from a vertical to a horizontal position, and vice versa, said receptacle having a removable wall with a slit, a housing having a slit, a key lever mounted in said housing and movable in said slit, a link pivotally connected to the lower end of said key lever, a slide pivotally connected to said link and a tongue carried by said slide and movable beneath the bottom of the receptacle to eject a coin, and a spring on said slide bearing on said tongue, said tongue being wedge-shaped.

4. In a coin handling device, a coin receptacle pivotally mounted substantially near its midlength and movable from a vertical to a horizontal position, and vice versa, said receptacle having a removable wall with a slit, a housing having a slit, a key lever mounted in said housing and movable in said slit, a link pivotally connected to the lower end of said key lever, a slide pivotally connected to said link and a tongue carried by said slide and movable beneath the bottom of the receptacle to eject a coin, and a spring on said slide bearing on said tongue, said tongue being wedge-shaped and said slide provided with a depression in which said tongue is depressible.

In testimony whereof I have affixed my signature.

MAX HANUSCH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."