

No. 712,628.

Patented Nov. 4, 1902.

H. R. WOLFF.  
CENTRIFUGAL MACHINE.

(Application filed Feb. 11, 1902.)

(No Model.)

2 Sheets—Sheet 1.

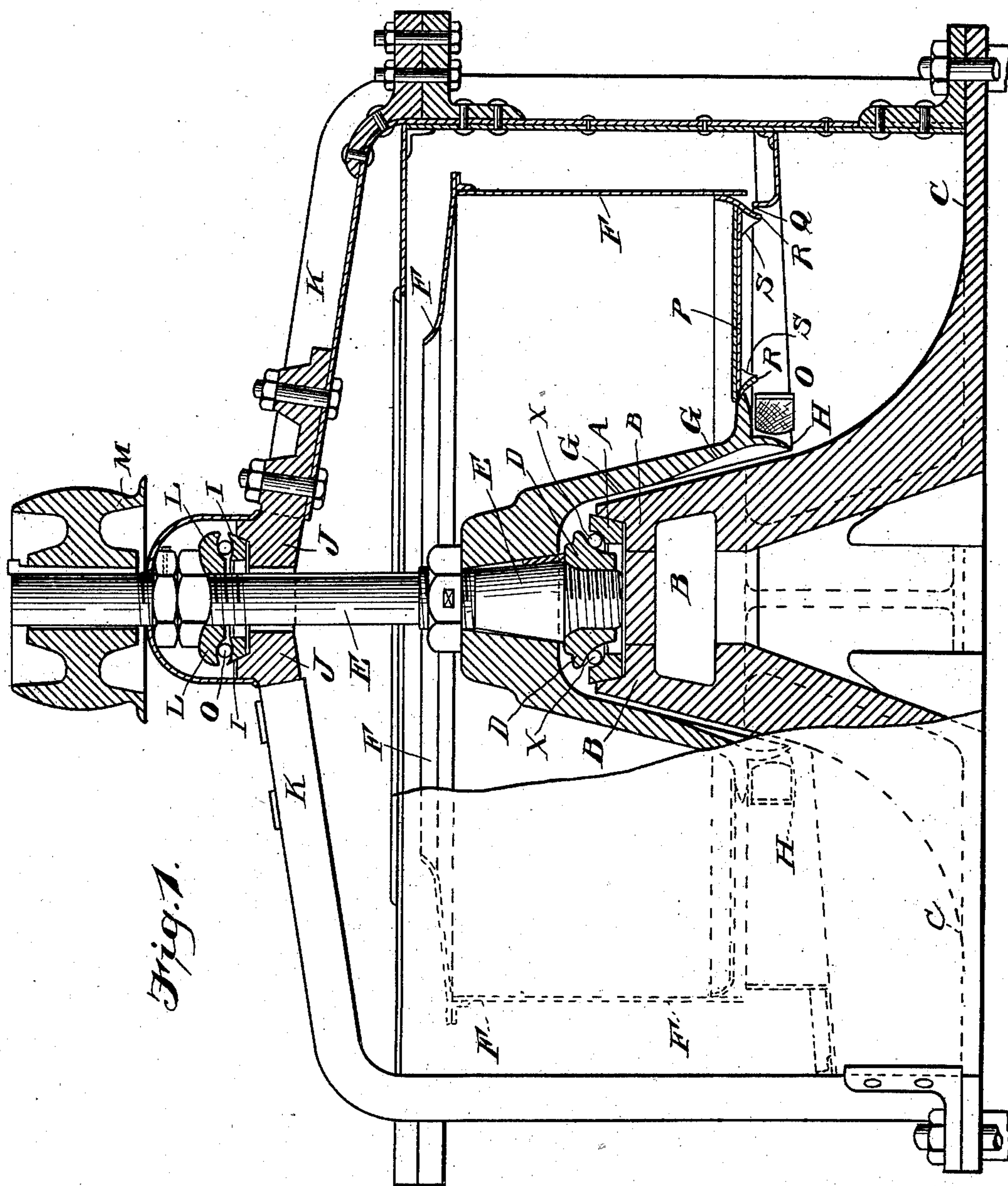


Fig. 1.

Witnesses

T. P. Brett  
Harry Ellis Chandler

Inventor  
H. R. Wolff,

Charles Chandler  
Attorneys

No. 712,628

Patented Nov. 4, 1902.

H. R. WOLFF.  
CENTRIFUGAL MACHINE.

(Application filed Feb. 11, 1902.)

(No Model.)

2 Sheets—Sheet 2.

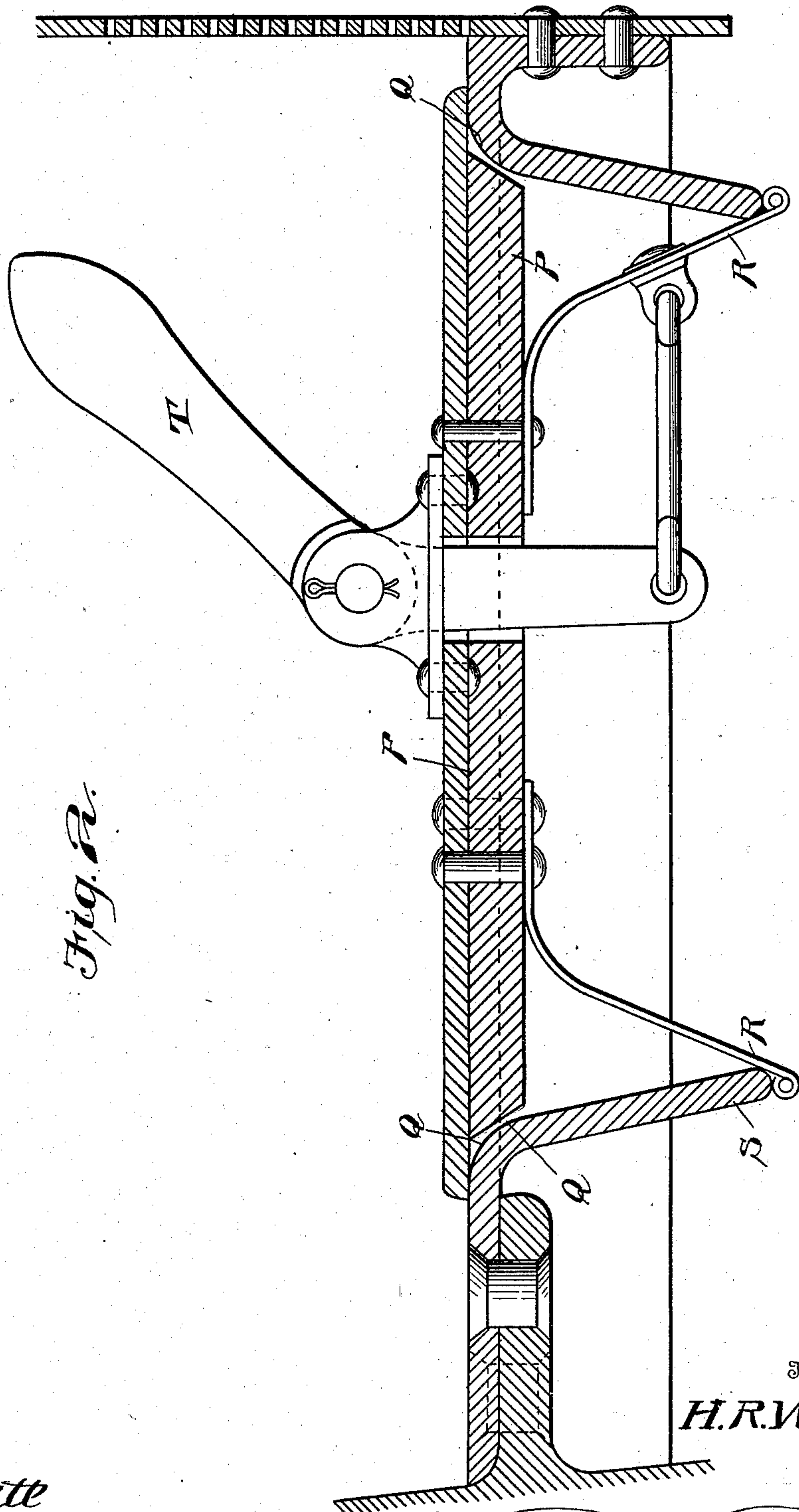


Fig. 2.

Witnesses

J. P. Britte

Harry Ells Chandler

Inventor

H. R. Wolff,

By *Chambers* *Chambers* Attorneys



# UNITED STATES PATENT OFFICE.

HERMANN RUDOLPH WOLFF, OF GOEBENG, JAVA.

## CENTRIFUGAL MACHINE.

SPECIFICATION forming part of Letters Patent No. 712,628, dated November 4, 1902.

Application filed February 11, 1902. Serial No. 93,554. (No model.)

*To all whom it may concern:*

Be it known that I, HERMANN RUDOLPH WOLFF, a citizen of Germany, residing at Goebeng, Sourabaya, Java, have invented  
5 certain new and useful Improvements in Centrifugal Machines. (for which application for patent has been made in Great Britain, No. 16,691, dated August 20, 1901,) of which the following is a specification.

10 This invention relates to centrifugal machines for drying sugar; and it has for its object to provide a door at the bottom of the basket of a centrifugal which can be readily opened to discharge the contents of the basket.  
15 ket.

The invention is illustrated by the accompanying drawings, in which Figure 1 is a vertical section of a top-driven centrifugal machine of improved pattern; and Fig. 2, a section, to a larger scale, of the improved discharge-door.  
20

In the bottom of the basket *f* of the centrifugal, which is used for drying sugar or other granular substance, a discharge-door  
25 *p*, as shown particularly at Fig. 2, is provided and is held in closed position over the door-

opening *q* by means of springs or spring-blades *r*, extending downward and outward to engage with catches or projections *s* on the under side of the basket *f*. For opening the  
30 door *p* a hand-lever *t* is provided, which projects upward into the basket *f* and which on being tilted by hand withdraws one or more of the springs *r* out of engagement with the catches, so that the door *p* can be opened to  
35 discharge the contents of the basket *f*.

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

In a centrifugal machine, the combination  
40 with the basket of a discharge-door having spring-blades extending outward to engage catches on the outside of the basket, and a hand-lever for withdrawing one of the springs  
45 out of engagement with the catches.

In witness whereof I have hereunto set my hand in presence of two witnesses.

HERMANN RUDOLPH WOLFF.

Witnesses:

C. A. WOLLENHAUS,  
G. EYLER, Jr.