

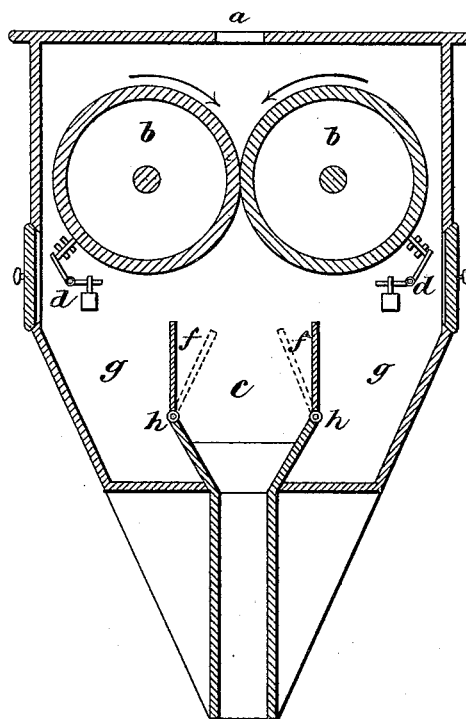
(No Model.)

W. BAUER.

ROLLER MILL.

No. 344,472.

Patented June 29, 1886.



Witnesses.
Emil Herber.
O. Sundgren

Inventor.
Wilhelm Bauer
by his attorneys
Brown & Ball

UNITED STATES PATENT OFFICE.

WILHELM BAUER, OF SAN CARLOS, SANTA FÉ, ARGENTINE REPUBLIC.

ROLLER-MILL.

SPECIFICATION forming part of Letters Patent No. 344,472, dated June 29, 1886.

Application filed January 18, 1886. Serial No. 188,816. (No model.)

To all whom it may concern:

Be it known that I, WILHELM BAUER, a citizen of the Argentine Republic, residing at San Carlos, Province of Santa Fé, in the said Argentine Republic, have invented new and useful Improvements in Roller-Mills, of which the following is a specification.

It has been observed in roller-mills that only a part of the meal falls down, while the remainder is thrown to one side by the cylinders or adheres to them. This fact has been utilized for the purpose of dividing the meal into two or more qualities.

The invention represented in the accompanying drawing consists in a casing for the cylinders *b b*, provided with hoppers or receptacles *g* beneath the cylinders, to receive the different grades, said receptacles being separated from one another by longitudinal partitions, which may be adjusted by means of the flaps *f*, hinged at *h*, to vary the proportion of the product falling into the different hoppers or receptacles, there being a central longitudinal hopper, *c*, or receptacle immediately beneath the bite of the rollers, to receive the product directly falling therefrom, and at each side thereof one or more other receptacles, *g*, to receive the product which is carried partly

round by the cylinders, against the sides of which are applied scrapers *d* or brushes, to prevent the ground product adhering to the rollers from being carried again between the latter. An opening, *a*, is provided at the top of the casing, immediately above the bite of the cylinders, for the introduction of the material to be reduced by the cylinders.

Having thus described my invention and the manner of employing the same, what I claim as my invention, and wish to have secured to me by Letters Patent of the United States of America, is—

The combination, with the rollers of a roller-mill, of the central hopper or receptacle, *c*, and receptacles *g* on opposite sides thereof, the scrapers *d*, applied to the parts of the rollers over the side receptacles, *g*, and the adjustable flaps *f*, applied between the several receptacles, substantially as and for the purpose herein described.

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

WILHELM BAUER.

Witnesses:

FRANZ HASSLACHER,
JOSEPH PATRICK.