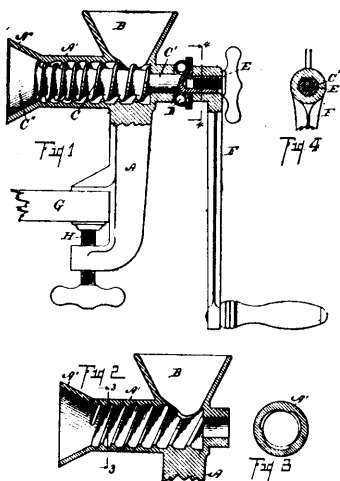


the hinged sections close recessed in their top sides and adapted to receive the said extensions of the hinged sections, and fluted, ribbed or corrugated translucent sections secured between corresponding parts of the upper and lower frame, substantially as and for the purpose set forth. 2nd. A globe for electric arc lamps comprising upper and lower frames of different size, and integral globe sections crimped or corrugated and secured between said frames and having the end portion adjacent to the smaller frame contracted, substantially as set forth. 3rd. A globe for electric arc lamps consisting of upper and lower frames of different size having corresponding hinged sections, globe sections corrugated or crimped and fitted between said frames and having an end portion contracted, and tie rods for securing the said frames together and holding the integral crimped globe sections between them, substantially as described.

No. 63,217. Nut Butter Mill. (*Moulin à beurre de noix.*)



63,217

Joseph Lambert, Battle Creek, Michigan, assignee of Charles Hook, Chicago, Illinois, U.S.A., 6th June, 1899; 6 years. (Filed 1st May, 1899.)

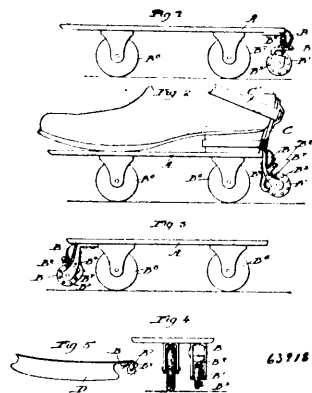
Claim.—1st. In a mill for grinding nuts or for similar purposes, the combination of a casing with a hopper at its rear end with internal grooves within the same leading toward the forward end and with a flaring forward end *p* provided on its interior with a smooth rubbing surface, a grinder fitting within said casing provided with a coarse screw thread extending across the grooves of said casing and with its forward end enlarged in conical form and provided with a smooth rubbing surface corresponding to the rubbing surface of said casing, and means of rotating the grinder within said casing co-acting for the purpose specified. 2nd. In a mill for grinding nuts or similar purposes, the combination of a casing with a hopper at its rear end with the internal grooves within the same leading toward the forward end and the forward end provided on its interior with a smooth rubbing surface, a grinder fitting within said casing provided with a coarse screw thread extending across the grooves of said casing with its forward end provided with a smooth rubbing surface corresponding to the rubbing surface of said casing, the means rotating the grinder within said casing co-acting for the purpose specified.

No. 63,218. Alarm for Skates. (*Avertisseur pour patins.*)

Julius A. Fougereau, Chicago, Illinois, U.S.A., 6th June, 1899; 6 years. (Filed 9th January, 1899.)

Claim.—1st. A skate alarm device, comprising an alarm proper, an alarm actuator associated with the skate so as to be slightly elevated under normal conditions, and a connection between the actuator and the alarm proper so that the alarm is given when the actuator is depressed. 2nd. The combination of a skate with an alarm device attached thereto, an alarm actuator also attached thereto and so as to be slightly elevated when the skate is in a normal position, and a connection between the two so that when the actuator is pressed down the alarm device is operated. 3rd. The combination of a skate with an alarm device attached thereto, an alarm actuator attached thereto, substantially in line with that portion of the skate which rests upon the surface, the actuator supported so as to be slightly elevated, and connections between the actuator and the alarm so that when the actuator is pressed down the alarm device is operated. 4th. The combination of a skate with an alarm device attached thereto, an alarm actuator attached thereto in line with that part of the skate which rests upon the surface and in the rear thereof and slightly elevated when the skate is in a normal position, and connections between the alarm and the

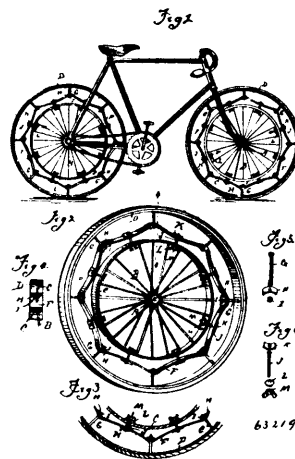
actuator whereby when the actuator is depressed so as to touch the surface the alarm device is operated. 5th. The combination of a



63,218

skate with an alarm device containing a bell attached thereto and an alarm actuator containing a small wheel normally elevated and connection from the wheel to the bell so that when the wheel is depressed and rotating the bell is operated to give the alarm. 6th. An alarm device for skates, consisting of an alarm device proper, an alarm actuator, connections between the two whereby when the actuator is operated the alarm is also operated, and attachments whereby the device is attached to the foot in connection with the skate so that the alarm actuator is slightly elevated when the skate is in a normal position. 7th. The combination with a skate, of an alarm device, an actuator therefor normally inoperative during the ordinary use of the skate, said actuator adapted to be brought into operative contact with the surface over which the skate passes by varying the position of said skate. 8th. The combination with a skate, of an alarm device, an actuator fixed in position with relation to said skate and provided with a part opposed to the surface over which the skate passes, but normally out of engagement therewith, said part adapted to be brought into engagement with said surface by varying the position of said skate.

No. 63,219. Bicycle Wheel. (*Roue de bicyclettes.*)



63,219

Moseman C. Oviatt, Traverse City, Michigan, U.S.A., 6th June, 1899; 6 years. (Filed 27th April, 1899.)

Claim.—1st. A vehicle-wheel, comprising inner and outer rims, a flexible band interposed between the two rims but not touching them, and adapted to move toward and from the rims, devices connecting the band with both the rims, and means for adjusting the tension of the band by moving it radially at different points throughout its length toward or from the centre of the wheel. 2nd. A vehicle wheel, comprising inner and outer rims, a flexible band interposed between the two rims but not touching them and free to move radially toward and from the rims, radial bolts or rods for holding the band in place, and means applied to the bolts for moving the band at different points throughout its length radially to adjust the tension thereof. 3rd. A vehicle wheel, provided with inner and outer rims, a flexible band interposed between the two rims, bolts passing inward from the outer rim to connect it with the band, curved washers on said bolts inside the band, and nuts on the bolts bearing on said washers, substantially as described. 4th. A vehicle wheel, comprising inner and outer rims, a flexible band