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AUTOMATIC OILER FOR MINING CARS.
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UNITED STATES PATENT OFFICE.

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AUTOMATIC OILER FOR MINING-CARS.


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In practice the oil-chamber is only about half filled with oil, and when the wheel is at rest, if the waste-chamber is above the axle, no oil will pass from the oil-chamber to the waste-chamber, because the passage 6 will be above the level of the oil in the oil-chamber.

If the waste-chamber is on the under side of the axle, communication will be established between the oil in the oil-chamber and the waste in the waste-chamber through the passage 6, but no oil will be fed to the axle through the passages 3, as the latter will be above the body of waste in the waste-chamber.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is:

1. A wheel having an oil-chamber extending around but not communicating with its bore, a waste-chamber, an oil-passage between the latter and the bore, an oil-passage between the oil-chamber and the waste-chamber, coincident openings in one side of the oil-chamber and in the partition between the latter and the waste-chamber, and a closure for the said openings, substantially as described.

2. A wheel having an oil-chamber extending around but not communicating with its bore, a waste-chamber, an oil-passage between the latter and the bore, an oil-passage between the oil-chamber and the waste-chamber, coincident openings in one side of the oil-chamber and in the partition between the latter and the waste-chamber, and a screw-plug to close said openings, said screw-plug extending across said oil-chamber, substantially as described.

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

REUBEN S. WALKER.

Witnesses:

JOHN O. WELLER,
FREEMAN J. WALKER.