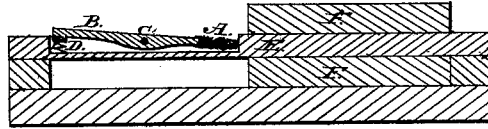


A. N. BATES.  
Machine for Oiling Slides and Guides.

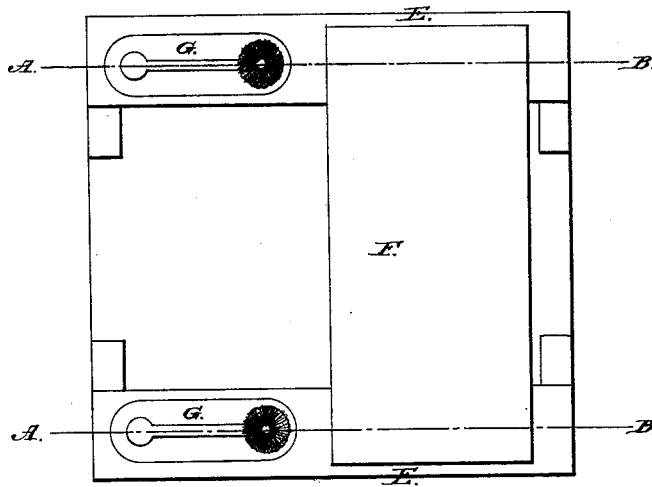
No. 204,524.

Patented June 4, 1878.

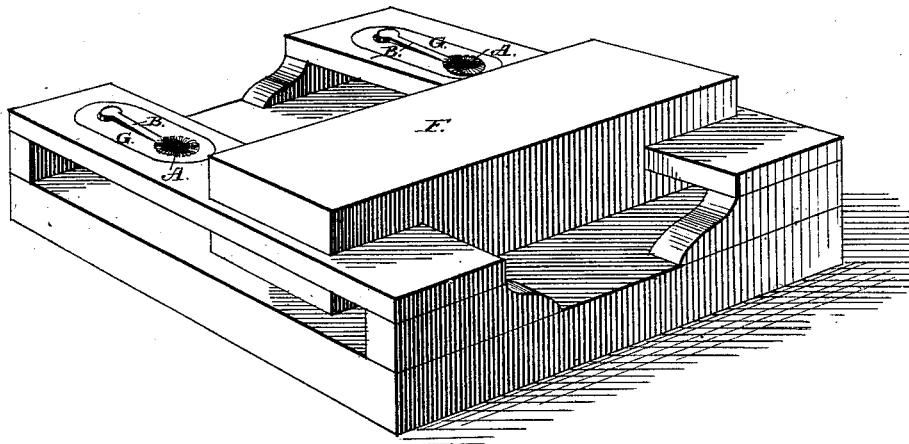
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Attest:*

*William Edward Parry  
Franklin Blanton*

*Inventor:*

*Asa N. Bates.*

# UNITED STATES PATENT OFFICE.

ASA N. BATES, OF DALLAS COUNTY, TEXAS.

## IMPROVEMENT IN MACHINES FOR OILING SLIDES AND GUIDES.

Specification forming part of Letters Patent No. **204,524**, dated June 4, 1878; application filed September 11, 1877.

*To all whom it may concern:*

Be it known that I, ASA N. BATES, of the county of Dallas and State of Texas, have invented a new and useful Machine for Oiling Guides and Slides for Engines, &c.; and I do hereby declare that the following is a full and exact description of the drawing of the same.

A, oil-cup; B, lever; C, the axle upon which the lever works; D, spiral spring, which elevates one end of the lever and depresses the end upon which the cotton waste is wound into the oil-cup in such a manner that the T-head may freely glide over it; E, guide or slide bar; F, T-head; G, oil-cup, so called,

not indispensable to the working of the machine.

The novelty of this device essentially consists in the application of the lever and spring to the uses indicated.

I claim as my invention—

The mode of oiling guides and slides by means of an oil-reservoir containing a centrally or similarly pivoted spring-lever, operated automatically by contact with the moving part, substantially as described.

ASA N. BATES.

Witnesses:

JAS. BINGHAM,  
R. E. BUMPAS.