(No Model.)

J. J. ASTOR.

PNEUMATIC ROAD CLEANING MACHINE.

No. 514,805. Patented Feb. 13, 1894.

Fig. 1.

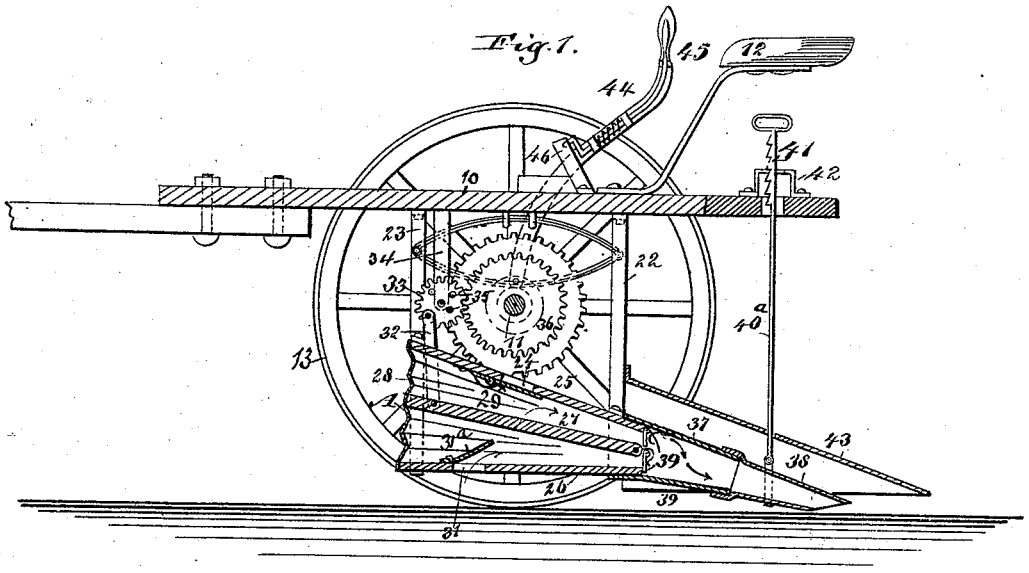
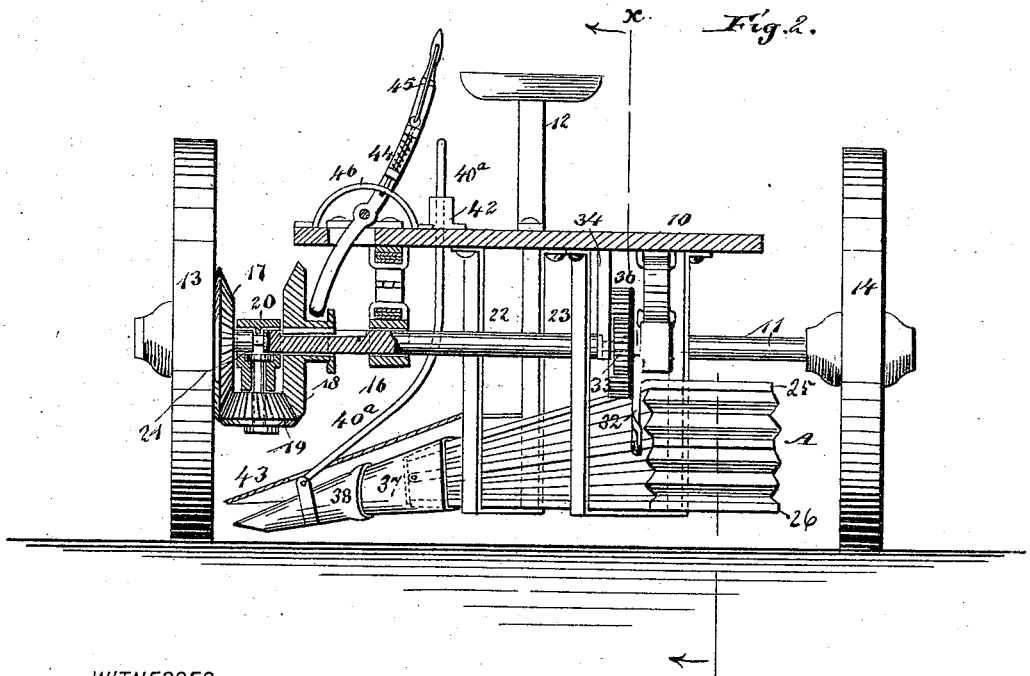


Fig. 2.



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