

Walking Car **Build One**

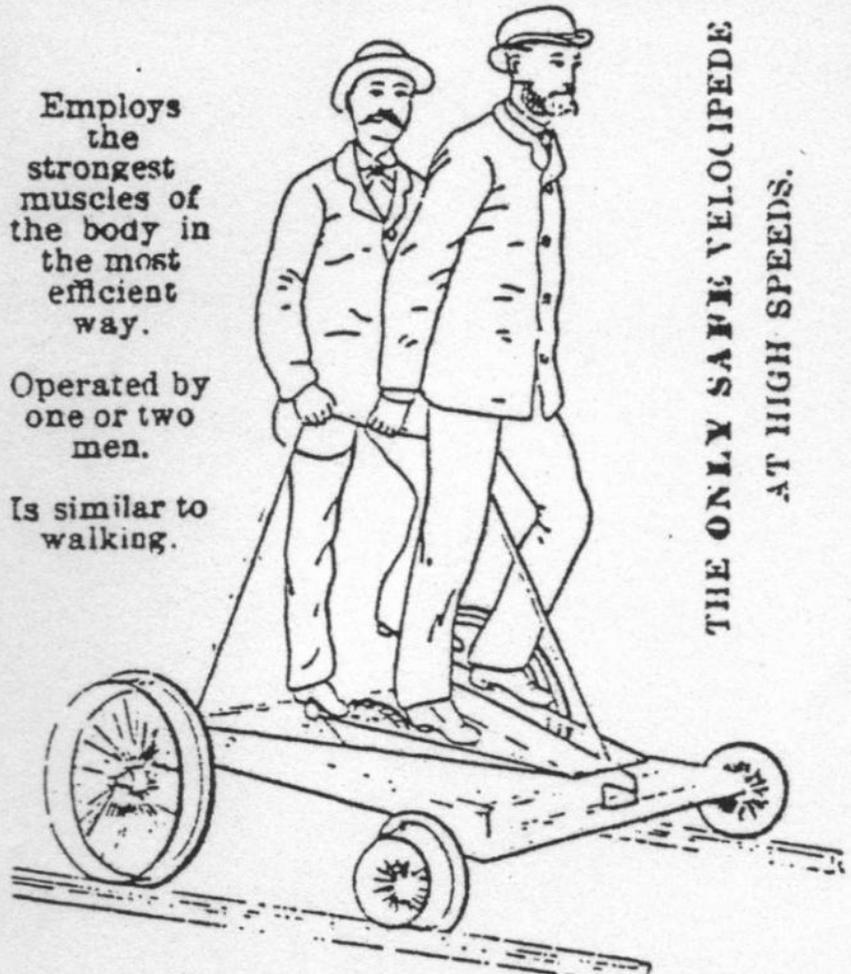
JEFFREY'S RAILWAY VELOCIPEDE
UNEQUALED FOR SPEED AND CAPACITY.

Employs the strongest muscles of the body in the most efficient way.

Operated by one or two men.

Is similar to walking.

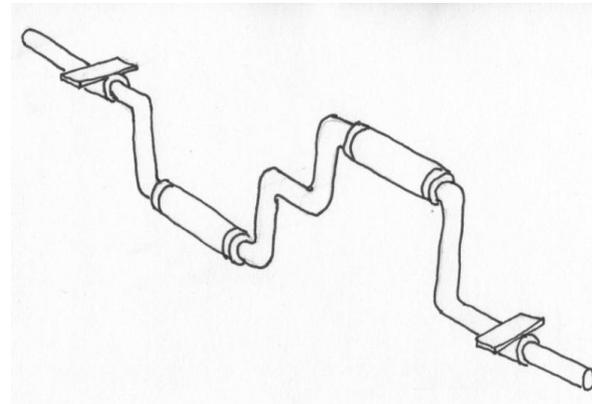
THE ONLY SAFE VELOCIPEDE AT HIGH SPEEDS.



For particulars, address T. B. JEFFREY, 40 So. Canal St., Chicago, Ill.

A Most Unusual Beast

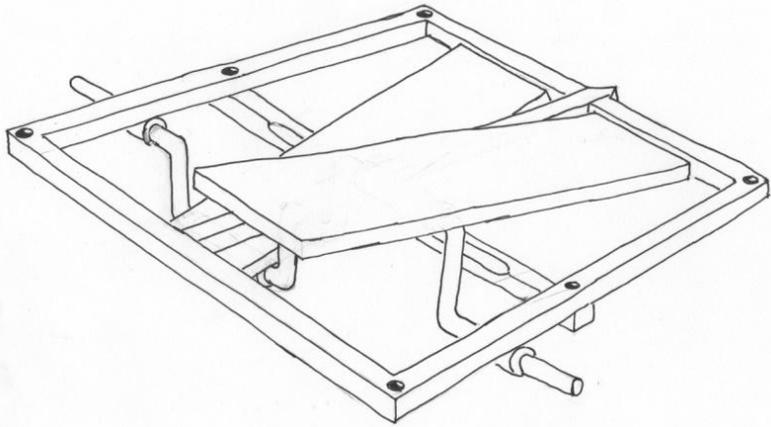
We have found this idea only twice in the 19th Century (so far) and we had to build one to see if it would work in reality. Because I'm very cautious about believing things you see in railway books on the subject of hand power.



The Crank Axle is 25mm black bar and is called a "Bent Hairpin". It has sleeves and small stops slid on before each crank bend is completed.



Heat and bend – remember to slide on the stops and the rolling sleeve first. The bucket of water is to cool the last bend each time.



The frame is a simple square with two cross braces, two planks are hinged at the front edge. A walking motion causes the planks to move up and down and the crank sleeves to roll along the back of the boards.



The backs of the boards are protected with rubbing plates to prevent wear. Axle with 2 Rolling Sleeves –with stops welded at each end, rolling on the rubbing plate.



The frame upside down with axle in place.

The First Rodeo machine ?

Our Mr. Jeffery has definitely invented the first Rodeo machine in 1885 - ride two bucking horses while clinging to a rein. The machine works, much to my surprise, but the reins idea was dangerous and only lasted seconds.

Our hand hold is the back of seat which makes our machine a "Jeffrey's Railway Velocipede Inspection Car", going downhill is like trying to ride the whirring blades in a blender so we are fitting safe refuges on both sides that you can step onto for downhill runs. We are also fitting a brake.



Our machine at **Statfold Barn Railway**, tried out by enthusiasts from 8 years to 80 years, it was a big hit.

We put a hand hold from side to side, much like the original 1825 machine. It had a bar for your “footman” (no pun intended) to hold. The machine designed by Joseph Bozek was a carriage body without the horse and the mechanism built underneath. Your servant stood on the two planks protruding out of the back and slaved away on the Czech horse drawn Ceske Budejovice – Linz line.

We have not been able to find a US Patent listed for this machine but I’m not surprised, “prior usage” would apply.

[Moving pictures on YouTube “Velocipede Rally 2012”](#)





1825 type machine in Prague.(photo off the internet)