

wheel may be at rest and the other in motion, and that when one is at rest the motion of the other is twice as great as when both are in motion. It will therefore be seen that, for example, the wheel I' may stand still on the inner rail of a sharply-curved track, and the wheel I'' will receive the additional momentum necessary to carry it over the outer rail without sliding upon it. www.gearedsteam.com

10 It will be seen that a car provided with my invention can be run on roads having very short curves and not have its wheels slide upon and destroy the track, which is extremely desirable where the track is made of wood.

15 A train of cars constructed as shown in Fig. 2 can climb very steep grades and wind along a very serpentine track—a thing very

desirable in mountainous or heavily-wooded countries. Geared Steam Locomotive Works

What I claim as new is—

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In a tramway car or locomotive, the combination, with a car-axle having thereon a fixed wheel at one end and a loose wheel at the other end, and a driving-shaft crossing said axle at right angles, of the differential gear $I' I'' I'''$ on said axle, and a skew-cut beveled pinion, g , on said driving-shaft meshing with skew-cut beveled gear-teeth on the pinion I .

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In testimony whereof I affix my signature in presence of two witnesses.

GEO. D. GILBERT.

Witnesses:

JNO. K. HALLOCK,

E. T. WALKER.