

the shafts F, the endless chains and sprocket-wheels connecting said counter-shafts and shafts F, connections between said counter-shafts, whereby they are caused to rotate in unison, and the engines connected to one of the counter-shafts, substantially as described.

2. In a locomotive, the combination of the platform or frame, the pivoted trucks under the same, each truck having the pair of wheeled axles, the shaft F, midway between the axles, and sprocket-wheels and chains connecting said shaft and axles, and the counter-shafts ar-

ranged directly above the shafts F and connected thereto, and means, substantially as set forth, to rotate the said counter-shafts, whereby all the axles of the trucks will be positively impelled, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

WILLIAM L. SYKES.

Witnesses:

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