965X

J. P. PARKE.

ALARM BELL FOR FIRE ENGINES.

X965

Patented Dec. 19, 1808

NO PRINTED SPECIFICATION AVAILABLE

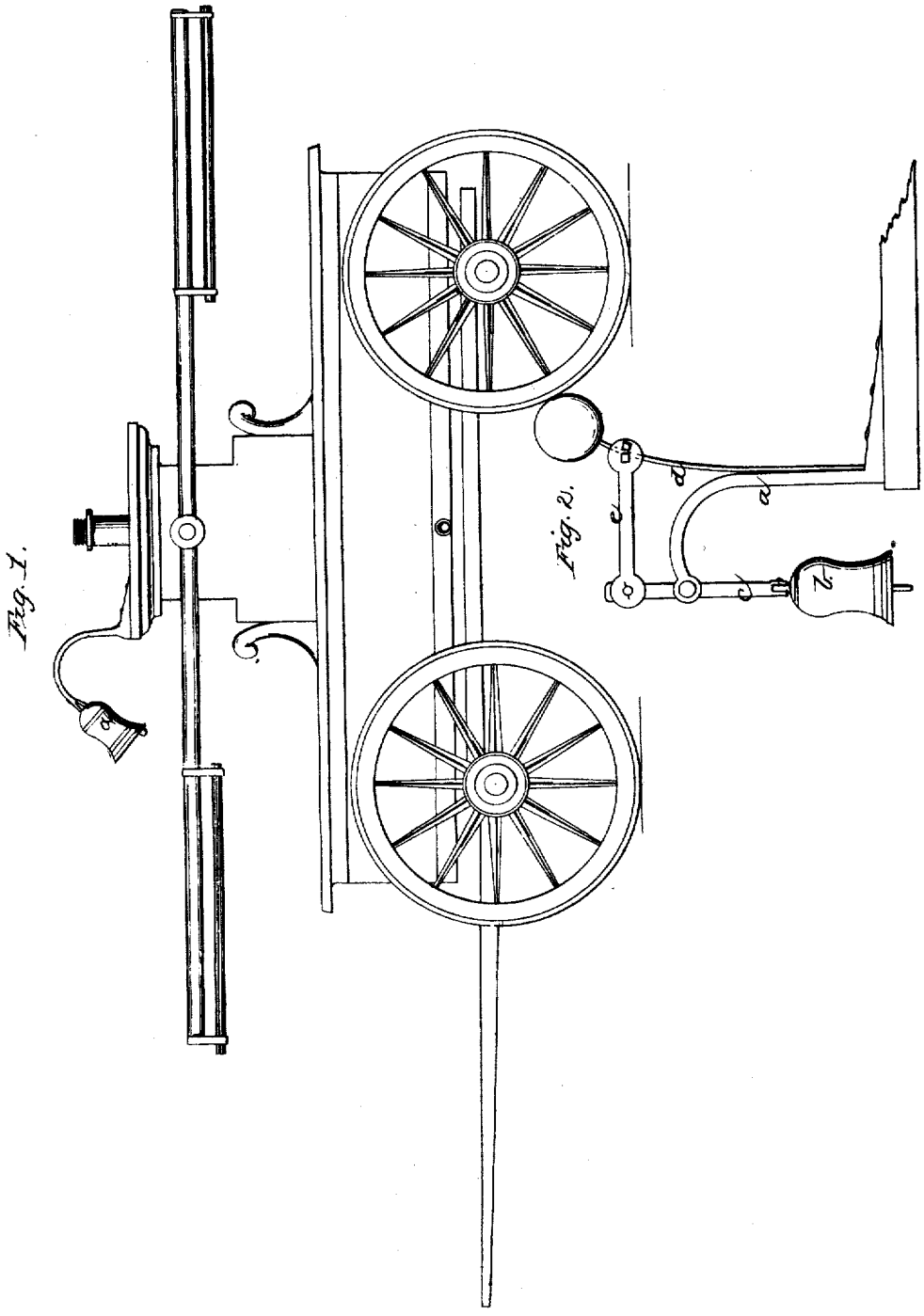


Fig. 1.

Fig. 2.

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James. D. Parke.

Letters Patent. Dated Nov. 14. 1808.

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said James D Parke himself of his "alarm Bell for Fire Engines"

The different methods of producing the alarm are 1st By a simple application of the Bell to the carriage Engine or vehicle for the conveyance of fire apparatus. 2d By the intervention of any machinery to increase or equalize the sound. Thus for example. from the carriage Engine or vehicle for the conveyance of fire apparatus arises a Standard of iron five feet in height; the upper part of which is bent in an horizontal direction which horizontal part is nine inches in length. This Standard holds suspended a bell weighing nine pounds by a lever 14 In. long. the centre of which plays in a socket formed at the end of the Standard. from the bottom of the standard gradually. receding arises a spring or inverted pendulum 3 Ft long one inch broad and 1/8 an inch thick capped with a ball of iron or other mutal weighing at least 4 lbs. to regulate its motion which spring is connected with the upper end of the lever to which the bell is affixed. by means of an horizontal rod 11 ins in length. at each end of which is a joint or hinge in which the spring and lever play. so that when the spring is made to vibrate by the motion of the vehicle to which the apparatus is attached a similar action on the ball is produced. 3d. By the application of the power obtained by the revolution of any wheel. or the motion of any lever of the carriage Engine or vehicle above mentioned or any other modification of the apparatus. which may by various ways be effected. through the medium of any of the mechanical powers producing effects similar to those above described

6rd.
Wd

Witnesses
Charles J Wister
Abm. Liddon Pennock.

James D. Parke

351 Words)