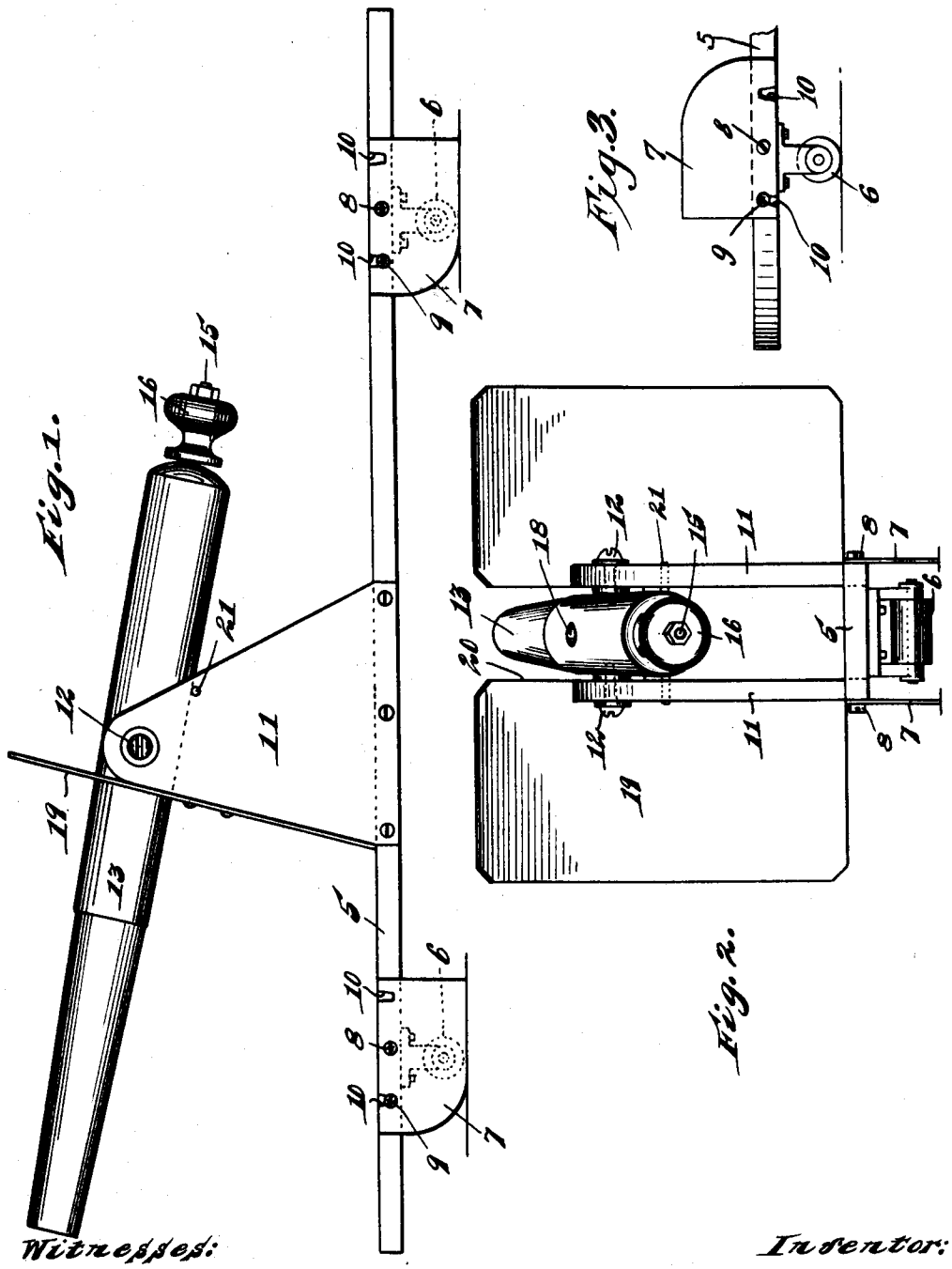
F. R. BAIER.

TOY PUSH VEHICLE.

APPLICATION FILED JAN. 28, 1918.

1,385,107. Patented July 19, 1921.



Witnesses:
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UNITED STATES PATENT OFFICE.

FRANK R. BAIER, OF CHICAGO, ILLINOIS.

TOY PUSH-VEHICLE.

1,385,107. Specification of Letters Patent. Patented July 19, 1921.

Application filed January 28, 1918. Serial No. 214,168.

To all whom it may concern:

Be it known that I, FRANK R. BAIER, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Toy Push-Vehicles, of which the following is a specification.

My invention relates to improvements in toy push vehicles, and has for its object the production of a device of this character, which will be of durable and economical construction, and which will afford considerable amusement and entertainment for children and particularly boys.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention consists in the combina- reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a side elevation of a toy embodying the invention,

Fig. 2, a rear elevation of the same, and

Fig. 3, a side elevation of the front end portion of the device showing one of the runners of the same adjusted to a position out of contact with the ground.

The preferred form of construction as illustrated in the drawings comprises an elongated comparatively narrow base 5, provided at each end with a single roller or wheel 6 which is adapted to contact with the ground so as to permit of the device being moved or pushed thereover. The rollers or wheels 6 are adapted for use in the summer time, or when the ground is not covered with snow or ice. To adapt the device for effective use in the latter case, the base member 5 is provided at each end with a pair of runners 7, which are arranged at opposite sides of said base member, pivotally connected thereto by screws 8. Said runners when adjusted to the position seen in Fig. 1, are adapted to contact with the ground and elevate the runners or wheels 6 therefrom, so that the device will be supported only on said runners. In fair weather, or when the ground is clear, the members 7 are adjusted to the position in which member 7 is shown in Fig. 3, in which position of said members the same project above the base member 5, serving as rails or guards to hold the foot of the user or operator of the device against lateral displacement from the base member during use of the device. Projecting from the edge of the base member, for coöperation with each runner, is a screw or headed pin 9, adapted for engagement with notches 10 provided in the corresponding runner in order to serve as a means of holding the same in either of its positions of adjustment, said screw limiting, as will be seen, pivotal movement of the runner in one direction. At the same time the head of the screw will serve as a means of reinforcement for the runner, the slots 10 being of a width less than the diameter of the screw head.

Arising from the base member 5, intermediate the ends thereof are two supporting members or flanges 11, between the upper ends of which is pivotally mounted at 12 a projectile projector or cannon barrel 13. In the rearward end of the member 13 is slidably mounted a spring held plunger, carried on a stem 15 which projects rearwardly, being provided with an exteriorly positioned handle or knob 16. The member 13 is formed with an upwardly opening passage 18 through which projectiles or ammunition may be fed into the device. Secured to the front edges of member 11 is a transversely extending shield plate 19 which is designed to protect the operator or user of the device against the projectiles fired by an adversary. The upper edge of shield 19 is formed with a slot 20 to accommodate the barrel 13 and permit of vertical swinging of the latter. A cross bar 21 connecting the upper ends of member 11 constitutes a stop for limiting downward swinging of the rearward end of the barrel.

In using the device it is intended that the boy user shall place one foot upon the rearward end of the base member 5, using the other foot to engage with the ground in order to propel or push the device. When the device is moving along at a good speed, the user may place both feet upon the base member and simply coast along. As the user thus travels along the ground he may operate the handle 16, dropping ammunition into the cannon through the opening 18, and thus fire shots at an opponent or supposed enemy. The device is especially intended for use in imitating submarine chasing, the chasing, with the device, being of course carried on on land.

While I have illustrated and described the

preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

The combination with a device of the class described, of a base member upon which the user may ride; wheels rotatively mounted on said base member for engagement with the ground; and comparatively short runners adjustably mounted, pivotally, intermediate their ends at intervals on opposite sides of said base member, adapted, in one position, to contact with the ground, and adapted for adjustment to another position out of contact with the ground, said runners being adapted when in contact with the ground, to raise the periphery of said wheels free from any surface contact, each of said runners having a plurality of slots in the edge opposite the ground engaging edge; and means in said base member engaging in said slots to retain said runners in adjustable position, substantially as described.

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

FRANK R. BAIER.

Witnesses:
JOSHUA R. H. POTTS,
ARTHUR A. OLSON.