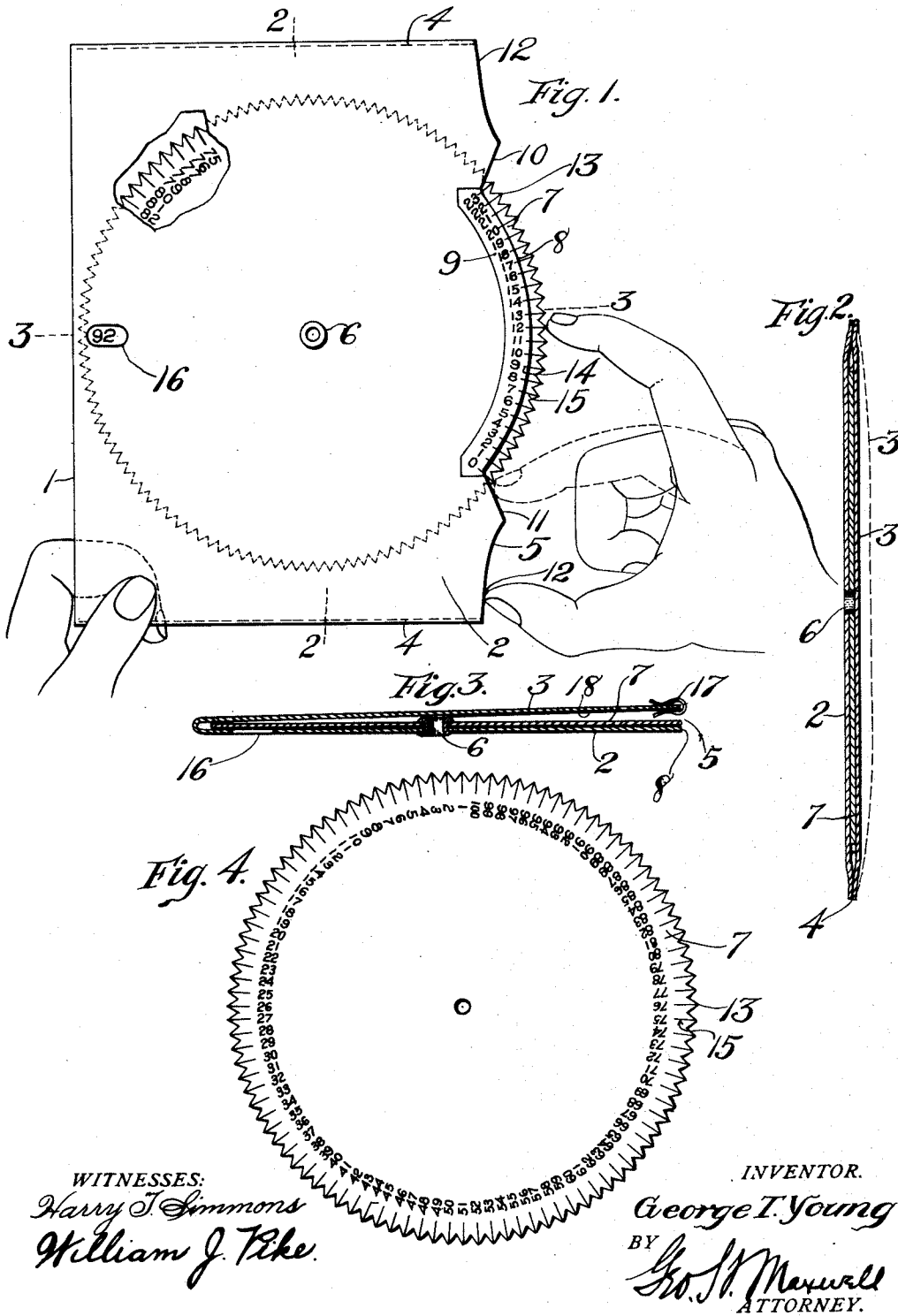


G. T. YOUNG.
 ADVERTISING ADDING POCKET.
 APPLICATION FILED AUG. 30, 1909.

986,416.

Patented Mar. 7, 1911.



WITNESSES:
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GEORGE T. YOUNG, OF STONEHAM, MASSACHUSETTS, ASSIGNOR TO RICE & HUTCHINS, INCORPORATED, OF BOSTON, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS.

ADVERTISING ADDING-POCKET.

986,416.

Specification of Letters Patent.

Patented Mar. 7, 1911.

Application filed August 30, 1909. Serial No. 515,357.

To all whom it may concern:

Be it known that I, GEORGE T. YOUNG, a citizen of the United States, residing at Stoneham, in the county of Middlesex and State of Massachusetts, have invented an Improvement in Advertising Adding-Pockets, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

My invention is an adding novelty consisting of an adding or computing device in the form of a pocket or envelop.

In carrying out my invention I have availed myself of the main principles and mechanism of the old disk adder or subtractor, and have incorporated the same in a new arrangement and combination of parts which greatly facilitates the use thereof and especially promotes its value as an advertising device. Instead of having the numbered disk or rotary wheel mounted on a relatively stationary disk or indicating member, I have inclosed the rotary number disk within a pocket or envelop which is closed on three sides so that the user cannot either purposely or by accident get at the disk except at the single open side. By this means the user is enabled to grasp the apparatus in the left hand conveniently without any possibility of disturbing, or interfering with the proper manipulation of, the operation of the computing mechanism, the open side of the embracing pocket or envelop and the projecting edge of the number-disk being in position to be engaged conveniently by the right hand, the movement of which is stopped by striking against the closed end portions of the pocket or envelop when the disk is rotated. The envelop at its open edge is provided with a stationary indicator scale, and the periphery of the disk projects and is notched or marked, or both notched and marked, for manipulation with reference to said scale.

A further feature of improvement resides in providing definite finger stops at each end of the stationary indicator scale, so that the operator simply selects the notch of the disk opposite a given number on said scale and then moves the same downward until halted by said stop.

A further advantage of the pocket or envelop is that it not only protects the disk so that the device will stand the rough usage

to which it is subjected, especially when used as a child's adding card, but the pocket is purposely provided to enable the advertiser to insert a circular for impressing upon the recipient the goods in connection with which the device is issued as an advertising novelty.

Further advantages of construction and use will appear more at length in the course of the following description, taken in connection with the accompanying drawings, showing the device in its preferred embodiment.

In the drawings, Figure 1 represents my adding novelty in side elevation; Figs. 2 and 3 are transverse sectional views thereof on the lines 2—2 and 3—3, Fig. 1 respectively; and Fig. 4 is a side view of the number disk or wheel.

The apparatus is preferably made from thin, tough and comparatively stiff cardboard, the inclosing pocket or envelop which constitutes the stationary portion of the computing device being creased along the back line 1 to constitute the back edge of the pocket and having its front side 2 and back 3 glued or otherwise fastened together at their opposite ends as indicated by the dotted line 4, so as to leave the third or right hand side or edge 5 of the pocket open. Secured at approximately the center of the front side 2 by any suitable means as by an eyelet 6 is a disk or number wheel 7 whose periphery projects slightly beyond the open edge or side of the pocket as clearly shown in Fig. 1. Said front side or edge of the pocket is provided with a relatively short curved portion 8 cut on an arc concentric with the center 6 and the periphery of the disk and corresponding in length to an indicator scale 9. At the opposite ends of said scale 9 and said arc shaped portion 8 the edges of the pocket are cut obliquely to form finger stops 10, 11, the adjacent edge portions being preferably cut out to the respective ends of the pocket on a slight curve as indicated at 12 to permit the thumb or finger of the hand, as the case may be, to rest against the same for steadying the hand, as clearly shown in Fig. 1, where the thumb is shown in steadying engagement against said thumb rest 12 while the finger is engaging the wheel for the purpose of rotating the latter, the thumb of the operating hand pressing in one direction while the holding hand engages the closed edges or

preferably the corner of the pocket in opposition to said pressure, see Fig. 1.

The card is divided into such equidistant peripheral portions as may be desired, preferably one hundred, and correspondingly numbered as shown in Fig. 4, and is indented so as to provide a tooth or projection 13 opposite each number, and the scale 9 is also provided with a corresponding set of figures similarly spaced so as to cooperate with the figures of the card, a set of marks 14, 15, being also provided to aid the user in manipulating the card, the marks 14 being on the fixed scale and the marks 15 on the rotary disk or number wheel.

At some portion of the front side 2 of the pocket in front of the numbers on the disk, I provide a reading opening 16 of a size capable of showing one number or radial designation of the number disk, preferably located so as to permit the reading of the number through said reading opening horizontally when the card is held as shown in Fig. 1.

The disk or wheel 7 is secured only to the front side 2 of the pocket and not to the back 3 thereof, thereby providing at the rear of said disk a receptacle for receiving a circular, picture card, or directions for using the apparatus, said back 3 being capable of springing away from the disk 7 and front side 2 for this purpose as indicated in dotted lines Fig. 2. This facilitates the main object of my invention, which is a part of an educating scheme to be used in connection with a system of educating stimuli issued with relation to the well known Educator shoes, thereby placing in the hands of children particularly an educative adding and subtracting device and also directions and other instructive matter contained in the receptacle portion of the pocket which embraces the adding wheel.

In use, the toothed wheel is moved until the number which is to be put down to start the same appears in the sight opening 16. Thereupon any number on the scale 9 can be added to said figure in the sight opening by moving the teeth on the wheel which is opposite the desired figure on the scale down to the finger stop 11, which corresponds to zero on the scale, the result of said addition then appearing in the opening. Any number on the scale can be subtracted by moving the tooth opposite the zero on the scale up to the figure of the scale which is to be subtracted. Because of the shape and construction of the advertising envelop, only that portion of the wheel can be engaged which is required for doing the adding or subtracting, all the rest of the wheel being entirely protected by the inclosing pocket.

The apparatus can readily be sent by mail just as it is without serious danger of injury, and, being made of comparatively stiff cardboard, whose sides naturally cling toward each other by reason of the fact that their end edges are sealed flat against each other, a small circular or similar educative or other matter will not readily drop out from between the back 3 and the disk 7, but to make this certain, such matter may readily be retained by a usual paper clip 17, the circular being indicated at 18, Fig. 3.

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

1. An advertising computing pocket, consisting of an inclosing pocket open at one edge only, a peripherally numbered and notched disk pivotally secured on the inner face of the front side of said pocket and inclosed within the same excepting a relatively short arc shaped portion thereof at said open edge of the pocket, said pocket being provided with a correspondingly arc shaped scale at said edge, terminating at one end in a finger stop whereby the finger engaging a notch of said disk when turning the latter is stopped upon meeting said finger stop, and a sight aperture adjacent the closed portion of said pocket, through which one number at a time of the disk may be viewed, said pocket having its back portion distendable from its front side and from said disk for receiving an advertising or instruction card.

2. An advertising computing pocket, consisting of an inclosing pocket open at one edge only, a peripherally numbered and notched disk pivotally secured on the inner face of the front side of said pocket and inclosed within the same excepting a relatively short arc shaped portion thereof at said open edge of the pocket, said pocket being provided with a correspondingly arc shaped scale at said edge, terminating at one end in a finger stop whereby the finger engaging a notch of said disk when turning the latter is stopped upon meeting said finger stop, and a sight aperture adjacent the closed portion of said pocket, through which one number at a time of the disk may be viewed, said pocket having a stiffly yielding back secured at the ends of said open side of the pocket under tendency to return to its normally flat position when sprung laterally.

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

GEORGE T. YOUNG.

Witnesses:

M. J. SPALDING,
WM. J. PIKE.