

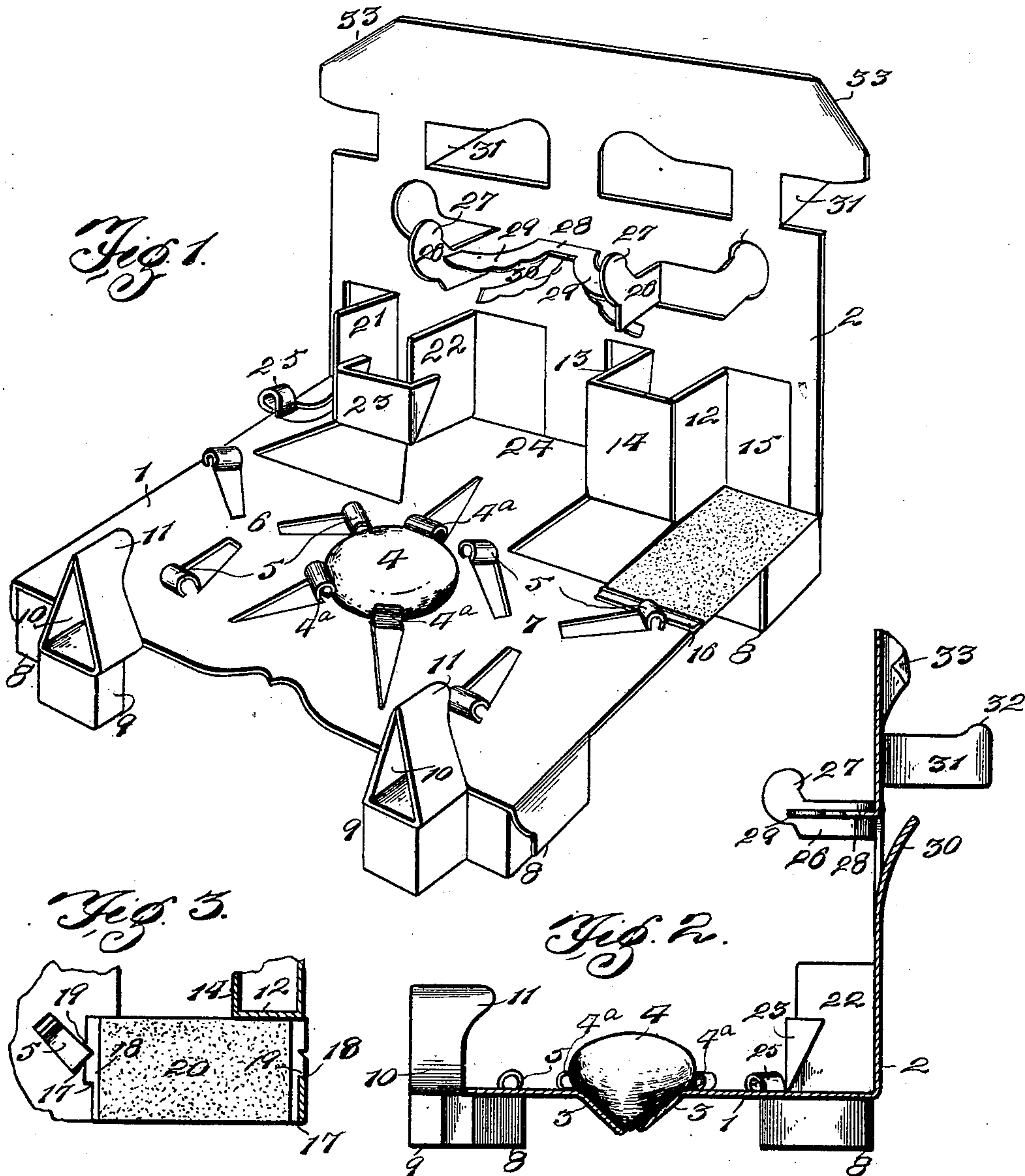
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C. O. SANDSTROM.
COMBINATION STATIONERY DEVICE.

(Application filed Mar. 28, 1901.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

CARL O. SANDSTROM, OF SPOKANE, WASHINGTON.

COMBINATION STATIONERY DEVICE.

SPECIFICATION forming part of Letters Patent No. 689,419, dated December 24, 1901.

Application filed March 28, 1901. Serial No. 53,292. (No model.)

To all whom it may concern:

Be it known that I, CARL O. SANDSTROM, a citizen of the United States, residing at Spokane, in the county of Spokane and State of Washington, have invented a new and useful Combination Stationery Device, of which the following is a specification.

This invention relates to a combination stationery device; and the object of the same is to provide simple and effective means for holding ink-wells, a pen-wiper, rubber eraser, pen-points, penholders and pencils, letters, books, matches, and a combined pencil-sharpener and match-scratcher which is reversible, the device as an entirety in the main being formed from a single piece of sheet metal which is cut and the cut parts bent into the several shapes designed to produce the functions desired.

The invention consists in the construction and arrangement of the several parts, which will be more fully hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of a combined stationery device embodying the features of the invention. Fig. 2 is a transverse vertical section through the center of the same. Fig. 3 is a horizontal section through a portion of the device, showing the combined pencil-sharpener and match-striker in plan view.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The numeral 1 designates a horizontal base having a vertical back 2 at the rear thereof, the said back being in a plane at a right angle to the base and integral with the former, suitable sheet metal being preferably used in the construction of the entire device, and all the parts which will be hereinafter described are cut from and bent into shape in relation to the base and back to perform the several functions designed therefor. In the center of the base the metal is cut and bent downwardly to form holding members 3 to provide a seat for a pen-wiper 4, which has a lower conical portion to snugly fit in the seat, which is of corresponding form, said wiper having rolled guards 4^a cut from the said base. On opposite sides of the pen-wiper strips 5 are cut from the base in lines

radiating from a common center and turned outwardly from the said center in each instance and rolled to provide ink well or stand seats 6 and 7, the rolled strips standing above the plane of the base and forming guards to hold the wells or stands on the base and prevent them from slipping or moving accidentally from the places intended therefor. The base is also formed with bent legs 8 at the corners thereof, the said legs being constructed by cutting portions of the base and bending the same into shape, as shown. The front legs are provided with forward extensions 9, and thereon are suitably secured the bases of vertical supports 10, which are of triangular contour and formed with upper rearward projections 11, the said supports being composed of strips cut or separated from the front edge of the base 1 and bent up into the shape set forth. From the lower portion of the back 2, adjacent to the base, members 12 and 13 are cut and bent in planes at right angles to the back and toward each other, and from an adjacent portion of the base a member 14 is cut and bent upwardly and secured to the adjacent edges of the members 12 and 13 to form a match box or receptacle, care being taken to have all of the said members of the same vertical extent. The opening 15, formed by bending the member 12 outwardly and forwardly therefrom, is also employed, together with the adjacent portion of the base 1, the member 12 or side of the match-box nearest the said opening, and the adjacent rolled strip 5, to provide means for holding a combined pencil-sharpener and match-striker in a reversible manner. The said combined pencil-sharpener and match-striker comprises a plate 16, preferably of the same metal as that of which the entire device is constructed, having recesses 17 in opposite end edges to provide projecting portions 18, which are equal in length to the width of the openings 15 to removably fit in the latter. Each of the projecting portions 18 at an intermediate point is formed with a notch 19, in which the end of the rolled strip 5 is adapted to fit to hold the combined device in place, and in the operation of removing and reversing the latter the end of the rolled strip 5 is bent up out of the way to give a clearance for such operation. The plate 16 is surrounded by a

strip 20, of sand or emery paper, and is intended to be used for grinding off pencil-points or striking matches; and said strip may be readily replaced by another when the surface becomes worn and unfit for further use.

At the side of the back 2 opposite that from which the members 12 and 13 are cut other similar members 21 and 22 are also cut and bent forwardly at right angles toward each other, and from the base 1, immediately in advance of the said members 21 and 22, an angular member 23 is also cut and turned up and secured to said members 21 and 22 to form a receptacle for pen-points, the member 23 being of considerably less vertical extent than the members 21 and 22 to make the pen-points readily accessible from the front of the receptacle. Between the members forming the match safe or receptacle and those forming the pen-point receptacle a seat 24 is provided for an ink well or stand, which may be rested against the adjacent portion of the back 2. The portion of the base 1 outside of the pen-point receptacle has a strip 25 cut in a curved line and bent outwardly and rolled to provide means for holding a pencil-eraser or the like between the same and the near side of the pen-point receptacle.

The intermediate portion of the back 2 has arms 26 cut therefrom and bent forwardly toward each other in planes at right angles to the back, said arms having upstanding terminal projections 27. The back between the said arms is also cut to form an intermediate support 28, having divergent members 29, the latter being in a horizontal plane coincident with the plane of the upper edges of the said arms, and by this means a convenient pen-holder-rack is produced and whereby also pencils may be supported, though a construction which will be presently described is intended more particularly for holding pencils in connection with the back in convenient accessible position. The portion of the back left free by the removal of the support 28 is bent backwardly to provide a letter-holder 30, the said holder keeping the letters placed therein in upright position against the back, so that they can be easily reached from the front. Above the plane of the arms 26 from the opposite sides of the center outwardly and from the outer side edge portions inwardly the back 2 is cut to form strips 31, which are turned rearwardly in planes at right angles to the back and have their terminals secured, the said strips forming pencil-holders and provided with upstanding guards 32 to retain the pencils in place. These pencil-holders are located near the opposite side edges of the back, and thereby produce an extended bearing for pencils. The upper corner portions 33 of the back are also rolled back and

may also be used at times for holding different articles, if desired, and mainly avoid the projection of sharp injurious corners.

Between the supports 10 and the back 2 a book may be conveniently held, the projections 11 of said supports preventing the leaves of the book from turning over, and in arranging a book on the improved device it is disposed at an upward angle of inclination to thereby avoid touching the parts heretofore set forth and also to advantageously hold the same for convenience in reading.

The improved device is made of one piece of suitable material, preferably sheet metal having the requisite thickness, and every cut made serves some useful purpose. No piece is rejected or allowed to remain without producing or assisting in producing some useful function, and, moreover, no piece is completely cut loose. The improved device is convenient for students, business men, and families, and though the preferred form has been shown it is obvious that changes in the form, size, proportions, and minor details can be resorted to without departing from the principle of the invention.

Having thus described the invention, what is claimed as new is—

1. As an improved article of manufacture a device for holding articles of stationery composed of a single piece of sheet metal intermediately bent to provide a horizontal base and a vertical back at the rear of said base, parts being cut both from the back and base at a distance inwardly from one side edge of the device and adjacent to the angular jointure of said back and base and bent upwardly and forwardly to engage each other and form a receptacle.

2. As an improved article of manufacture a device for holding articles of stationery composed of a single piece of sheet metal intermediately bent to provide a horizontal base and a vertical back at the rear of said base, two members being cut from the back close to the angular jointure of the latter with the base and bent inwardly toward each other, and a single member cut from an adjacent portion of the base and of less extent than the two members of the back, the said single member being bent upwardly and having its side portions engaging front edges of the said two members to form a receptacle having a partially-open front side.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CARL O. SANDSTROM.

Witnesses:

PHIL. T. BECKER,
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