Jan. 15, 1957 W. O. BROWN 2,777,230

PHOTO CARRYING BOARD AND PROTECTOR

Filed Oct. 5, 1953 2 Sheets-Sheet 1

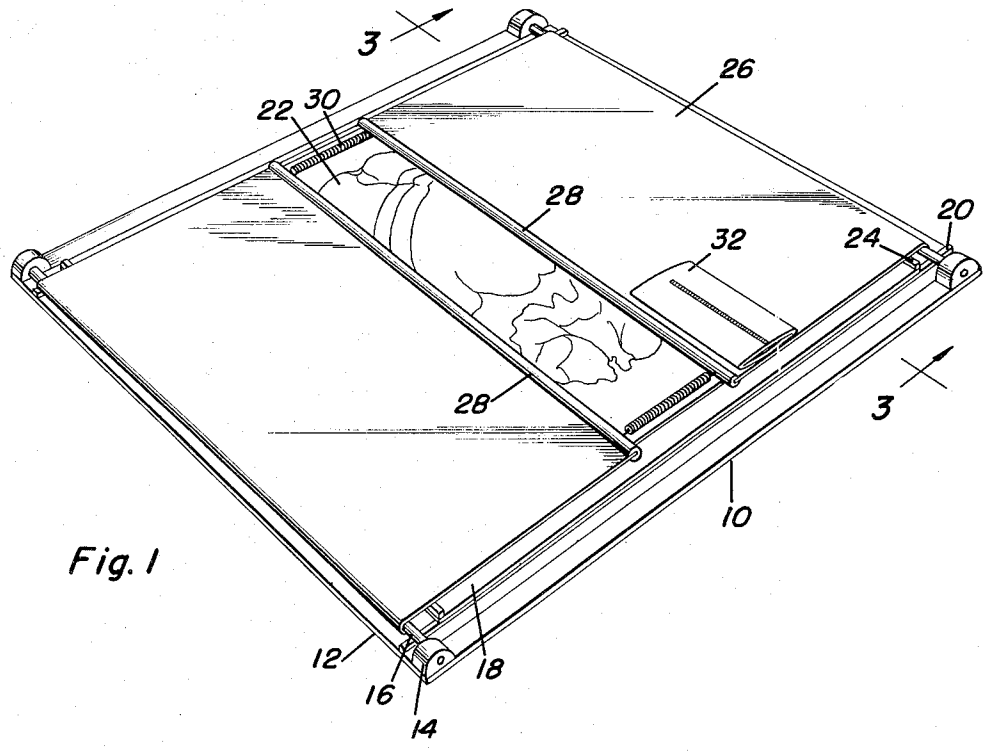


Fig. 1

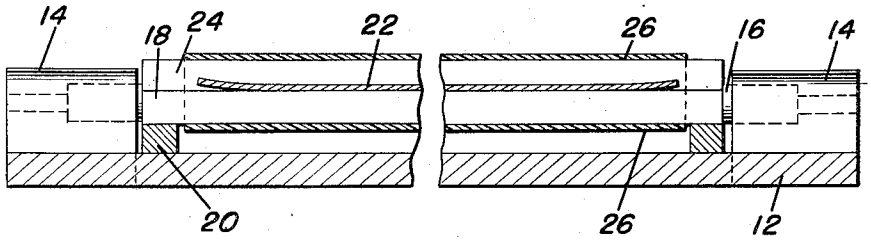


Fig. 3

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PHOTO CARRYING BOARD AND PROTECTOR

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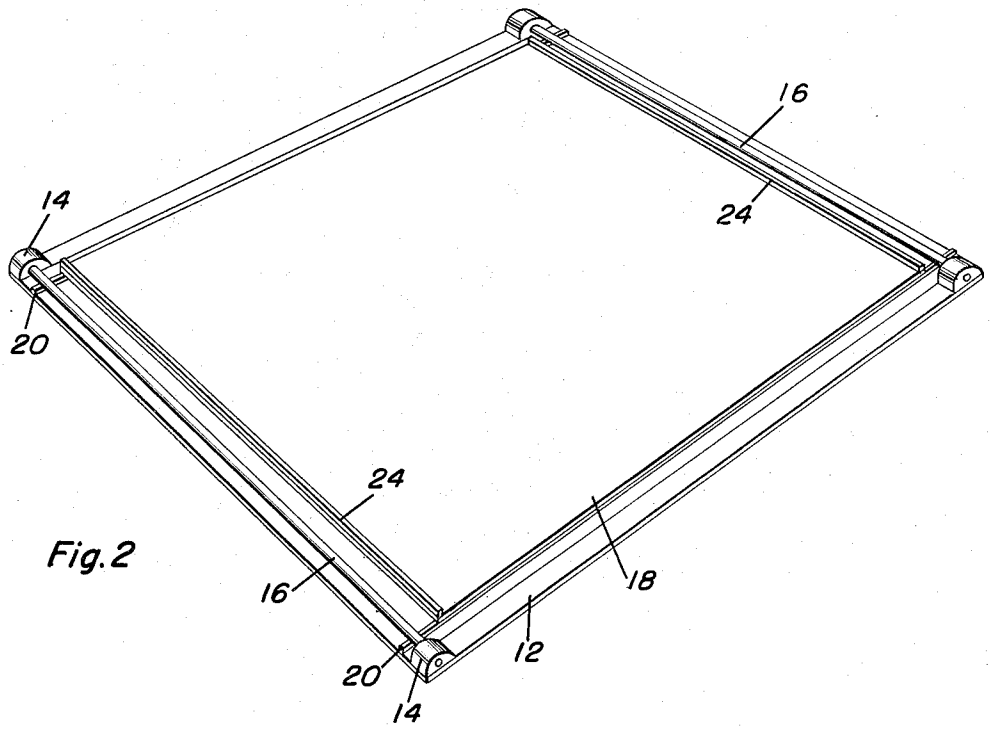


Fig. 2

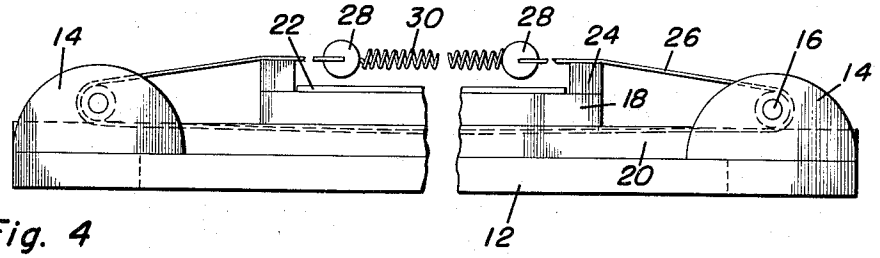


Fig. 4

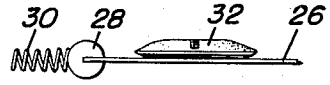


Fig. 5

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PHOTO CARRYING BOARD AND PROTECTOR

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Application October 5, 1953, Serial No. 384,285

1 Claim. (Cl. 40—61)

This invention relates to a photo carrying board and protector and more specifically provides a device for carrying enlarged aerial photographs with a transparent protector movable over the surface of the photograph.

An object of this invention is to provide a photo carrying board and protector in conjunction with aerial photos when they are taken out on farms in connection with measurements of allotted crop acreages, survey, determining soil types or for any other purpose.

Another object of this invention is to provide a photo carrying board and protector wherein the protector has an open portion forming an access to the photo to permit the use of a scale and pencil in determining and delineating farm and field boundaries or to permit observations, interpretations and calculations of various kinds while protecting the photo from dirt, moisture and perspiration. The device may be utilized for protecting any type map, blueprints and aerial photos or the like where it is important to prevent damage to the surface of the map for easier reading and calculation.

A further object of this invention is to provide a photo carrying board and protector wherein the protector is movable so that the access area of the protector may be moved to any place over the photo, thereby providing access thereto.

Yet another object of this invention is to provide a photo carrying board and protector which is easy to use, simple in construction, well adapted for the purposes intended and inexpensive to manufacture.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view showing the photo carrying board and protector of this invention;

Figure 2 is a perspective view of the photo carrying board and protector removed;

Figure 3 is a transverse, vertical section taken substantially along section line 3—3 of Figure 1 showing details of the roller structure and relationship of the various elements;

Figure 4 is a side view of the device of this invention; and

Figure 5 is a detail side view of the protector and its spring connector with the pocket shown in detail.

Referring now specifically to Figure 1, it will be seen that the numeral **10** generally designates the photo carrying board and protector of this invention, including a backing or base plate **12** with upstanding and rounded

corner portions **14** having a rod or shaft **16** extending between the corner members **14** at two edges of the base plate **12**. A photo carrying plate **18** is superposed on the base plate **12** and spaced vertically therefrom by transverse strips **20** for carrying an enlarged photo, such as an aerial map, generally indicated by the numeral **22**, and it will be seen that strips **24** are positioned along two edges of the plate **18** for positioning the map **22** thereon and spacing a transparent protector **26** therefrom. The protector **26** is a single piece of suitable transparent flexible material, such as plastic or the like, having an edging slat or strip **28** secured to its free edges and a portion of the flexible member **26** is positioned between the base plate **12** and the spaced plate **18** with the flexible member movably passing over the rollers **16**. The edging bars **28** are resiliently attached to each other in spaced relation with a pair of tension coil springs **30** wherein a working space is provided between adjacent edge bars **28** for access to the aerial map or photo **22**. A suitable pocket **32** is positioned on the flexible protector **26** adjacent one of the edging strips **28** for holding pencils, scales or a pencil sharpener, as desired. Obviously, a pencil sharpener may be rigidly attached to the base member **12**.

The operation of the device will be readily understood. With a portion of the flexible protector **26** between adjacent plates **12** and **18** and over the roller **16**, the map **22** is placed on the plate **18** between the upstanding strip **24** and the springs **30** are secured to the edging strip **28** in an obvious manner. The spacing of the strips **28** permits a planimeter to be employed in accurately determining acreages, such as required in crop allotment and the like. It will be noted that the spacers **24** also space the protector **26** from the upper face of the map **22**, thereby protecting the map from scuffing or wearing, and the base plate **12** protects the flexible protector from damage due to laying the device on the ground and the like.

From the foregoing, the construction and operation of the device will be readily understood and further explanation is believed to be unnecessary. However, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the appended claims.

What is claimed as new is as follows:

A photo carrying board and protector comprising a rectangular base member, a photo carrying board supported in spaced parallelism to said base member, and a flexible transparent protector partially encircling said board, said protector having spaced edges forming an access opening to the surface of said board, said protector including a portion extending between the base and board and resilient means connecting the spaced edges adjacent the side extremities of said edges, said board being provided with upstanding spacing strips adjacent opposite edges thereof for spacing the protector from the upper surface of the board.

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