Oct. 24, 1950 C. C. HARRIS 2,527,216

MEMORANDUM PAD UNIT

Filed April 5, 1947 2 Sheets-Sheet 1

Fig. 1.

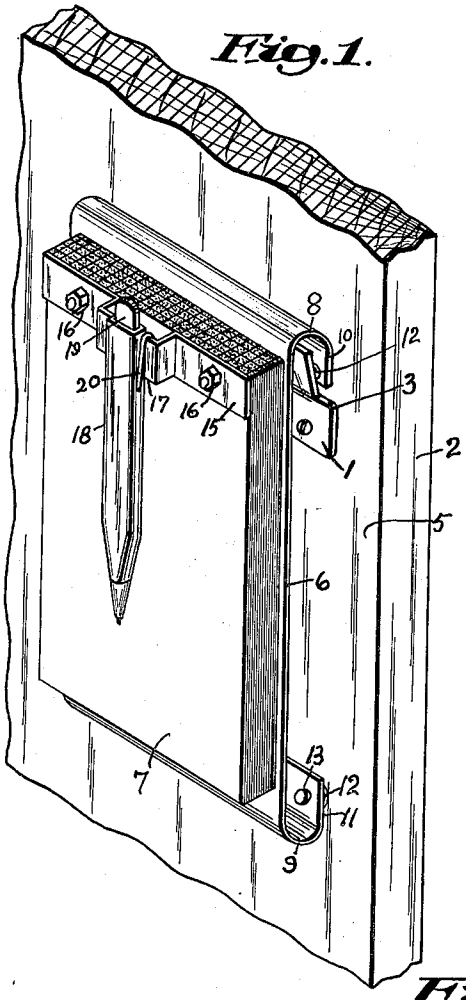


Fig. 2.

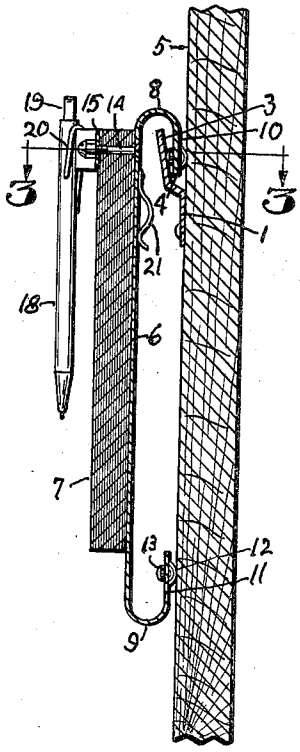
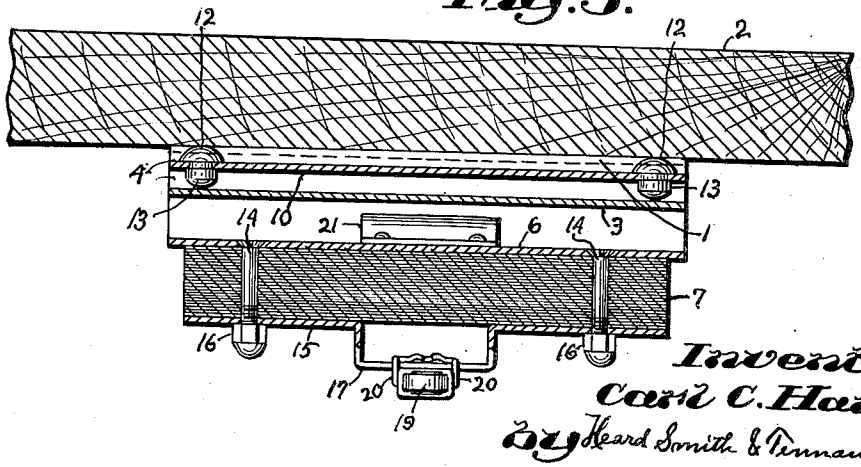


Fig. 3.



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Fig. 4.

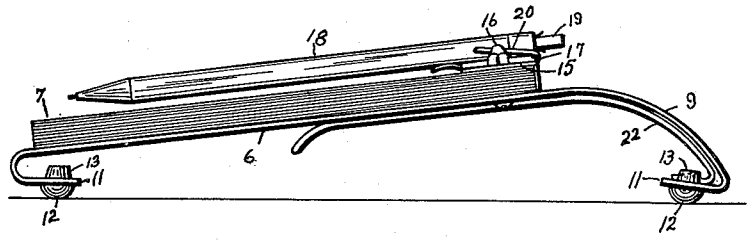


Fig. 5.

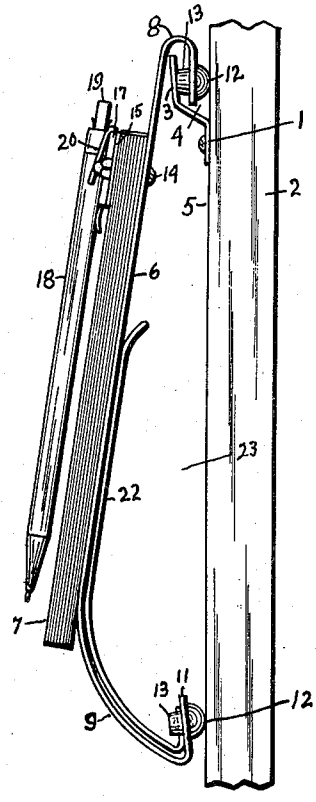
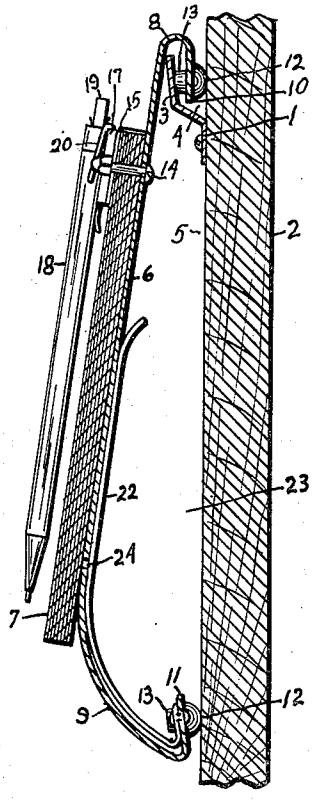


Fig. 6.



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UNITED STATES PATENT OFFICE

2,527,216

MEMORANDUM PAD UNIT

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Application April 5, 1947, Serial No. 739,603

5 Claims. (Cl. 281—44)

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This invention relates to improvements in memorandum pads and the general object of the invention is to produce a memorandum pad so constructed as to be readily hung upon an upright support or to be placed upon a desk, table, or other substantially horizontal support.

Another object of the invention is to provide a memorandum pad of the character described having means for frictionally engaging the support, whether in upright or substantially horizontal position, which will avoid injury to the surface of the support and which will also resist displacement of the pad when items are jotted thereupon.

Another object of the invention is to provide a memorandum pad comprising a base of rigid sheet material having a flat rectangular paper-supporting area with reversely bent end extensions therebeyond having terminal portions spaced from and underlying said base and extending toward each other in the same plane with frictional means mounted on the respective terminal portions adapted to engage a supporting surface to resist slippage thereon and to prevent injury to such surface.

A further object of the invention is to provide a memorandum pad of the character described in which said extensions are of arcuate, preferably cylindrical, form, one of said extensions being of substantially greater diameter than the other, thereby to position the pad in inclined relation to its support, and preferably also to provide a receptacle between the paper-supporting area of the base and the supports in which used sheets or other articles may be placed.

A further object of the invention is to provide a spring clip, preferably of resilient wire, having its ends secured to said base with a tongue portion extending along and cooperating with the paper-supporting area of the base to clamp used paper sheets therebetween for temporary preservation.

These and other objects and features of the invention will more fully appear from the following description and the accompanying drawings and will be particularly pointed out in the claims.

A preferred embodiment of the invention is illustrated in the drawings, in which,

Fig. 1 is a perspective view of the memorandum pad unit detachably mounted upon an upright support;

Fig. 2 is a view mainly in vertical section but illustrating the pencil-supporting means and the pencil supported thereby in elevation;

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Fig. 3 is a horizontal sectional view on line 3—3 Fig. 2;

Fig. 4 is a side elevation of a modified form of the invention in which the pad-supporting means is provided with means for supporting it in inclined relation to a supporting surface;

Fig. 5 is a side view of the pad shown in Fig. 4 detachably suspended upon a bracket secured to an upright support, with resilient members of the terminal portions of the extensions held in engagement with the surface of the support; and,

Fig. 6 is a vertical sectional view of the construction shown in Fig. 5 showing means for enabling the paper block to be reversed end for end upon a supporting base.

The memorandum pad unit, as illustrated in each of the figures of the drawings, comprises a base of rigid sheet material, such as metal, plastic, or the like, having a flat rectangular paper-supporting area upon which a rectangular block of paper is detachably secured, the base having reversely bent arcuate preferably substantially cylindrical end extensions having terminal portions spaced from and underlying the base and extending toward each other in the same plane and provided with resilient antifriction members, preferably in the form of resilient studs, adapted frictionally to engage the surface of a support, whether substantially horizontal or upright.

The terminal portion of either extension is of hook-shaped form adapted to be hung upon a suitable bracket having an angularly offset flange inclined relatively to the supporting surface and the resilient members in said terminal portions are so spaced from the edge thereof as to clamp the terminal portions firmly therebetween and to cause the resilient members of the other terminal portions of each extension to engage the surface of the vertical support.

In order to enable the memorandum pad to be mounted either upon a substantially flat surface or an upright surface and conveniently to support a pencil or other writing instrumentality for ready removal and replacement, means are provided for clamping a rectangular block of paper upon the paper-supporting area of the base having a centrally offset portion to receive the clip of the pencil or other writing instrumentality and which preferably will support it in substantial parallelism with the surface of the uppermost sheet of paper so that it can be readily grasped for removal and conveniently replaced thereby insuring as far as possible its presence when needed.

The memorandum unit, which is illustrated in

the drawings, comprises a bracket in the form of a rigid flat plate of metal, plastic, or other suitable material, having a flat section 1 adapted to be screwed, or otherwise secured to a vertical support 2 and having an angularly offset portion or flange 3 providing a wedge-shaped space 4 between the angularly offset portion and the surface 5 of the upright support 2.

The memorandum pad unit also comprises a rectangular base 6 of rigid flat sheet material, such as metal or plastic, having a rectangular paper-supporting area with a number of superimposed rectangular sheets of paper, preferably in the form of a block 7, superimposed thereupon and detachably secured thereto. The base 6 has at its top and bottom reversely bent extensions 8 and 9 the end portions 10 and 11 of which underlie the base 6 in spaced relation thereto and extend toward each other in the same plane. In the construction shown in Figs. 1 and 2 the end portions 10 and 11 extend inwardly toward each other in parallelism with the base portion 6.

As shown in Figs. 4, 5, and 6, the end portions 10 and 11 are spaced at different distances from the base portion 6 so that the pad will be held in inclined relation to the supporting surface, thereby positioning the pad in such manner that memoranda may be more conveniently inscribed thereon, whether the pad is supported upon a horizontal surface or upon a vertical wall.

The terms "top" and "bottom" are used to describe the invention when the pad is mounted upon an upright support, as illustrated in the drawings, and is equally applicable when the pad as shown in Figs. 1 and 2 is placed upon a horizontal support as the word "top" fittingly describes the position of the pad with respect to the position of the user.

Each of the extensions 10 and 11 is provided with frictional means which, as illustrated in the drawings, are in the form of suitably spaced rubber studs having preferably spheroidal heads 12 adapted to engage the surface of the support and shanks 13 extending through the top 10 preferably adjacent to and in such close proximity to the end edges thereof as to prevent such edges from engaging the bracket when the pad is suspended thereby. The wedging action of the stud between the inclined portion 3 of the bracket and the supporting surface 5 serves to force the heads 12 of the studs which are mounted in the bottom extension 11 firmly against the surface 5 thereby to cause the heads of the studs 12 to cooperate with the top suspending means in preventing lateral slippage of the suspended pad.

Any suitable means may be provided for detachably securing the block of superimposed leaves of writing paper upon the rectangular base 6. As illustrated in the drawings vertical posts 14, which are mounted on the base in proximity to the top end thereof, extend through the block of paper 7 and a narrow clamping plate 15 of suitable material mounted upon the posts 14 is clamped upon the pad by nuts 16. The central portion of the clamping plate 15 is provided with an upwardly offset preferably rectangular section 17 adapted to be engaged by the clip of a pencil 18 so that the pencil can be so conveniently removed and replaced as to insure its presence when needed.

In the preferred construction of the memorandum pad unit the body of the pencil is of rectangular cross section and provided with an eraser 19 mounted upon one end thereof. While the pencil may have any suitable clip preferably it is provided with a clip of the type disclosed and claimed in my prior Patent No. 2,414,810 granted January 28, 1947 in which the clip comprises legs 20 pivotally connected at a distance from the rubber equipped end of the pencil and having a reversely bent converging tongue extending from said legs beyond the pivotal ends of said legs resiliently engaging the under face of the offset section 17 of the clamping plate 15.

Desirably a wire spring clip 21 is secured to the under face of the pad-supporting section of the base, as shown in Fig. 2, or a longer clip 22 secured to the free end portion adapted resiliently to engage the under face of the base portion 6 by means of which used memorandum sheets may be held in the space between the base and the surface upon which the pad is supported.

The construction shown in Figs. 4, 5, and 6 differs from that disclosed in Figs. 1 and 2 in that the bottom extension 9 has a wider arc of curvature so that when the pad is suspended upon the bracket in the manner above described the lower end of the pad will be spaced at a greater distance from the upright supporting surface 5 and thereby more conveniently positioned for the jotting of memoranda upon the sheets thereof.

In the construction shown in Figs. 5 and 6 the spring clip 22 is anchored to the bottom end extensions 11 and follows the curvature of the extension 9 and thence along the bottom of the pad-supporting base thus providing a wide space 23 between it and the supporting surface 5 which may conveniently receive a telephone book or other device adapted to be useful when the pad is supported in upright position upon the wall of a kitchen adjacent to a wall telephone or to the wall or a door casing of a supply department of a store or the like which is not provided with a desk or other horizontal support.

Where a pad-holding unit of the character illustrated in Figs. 4–6 inclusive is employed the base 6 desirably is provided in proximity to the rectangular bottom end thereof with a pair of holes 24 in which the pad-holding posts 14 may be selectively mounted to enable the pad 7 to be reversed so that the pad will be suitably inclined relatively to the base for convenient use as illustrated in Fig. 4.

In the use of the memorandum pad unit when mounted upon an upright surface the upper end extension 10 of the base is inserted between the surface 5 of the upright and the inclined flange of the bracket with sufficient force to compress the resilient stud and thereby cause a wedging action which will force the heads 12 of the studs in the bottom extension firmly into engagement with the surface 5 of the upright, thus clamping the memorandum pad device so firmly upon the support as to prevent lateral displacement thereon during the jotting of memoranda upon the paper of the pad.

If it is desired to place the pad upon a desk, table or other horizontal support the memorandum pad may be removed from the bracket and placed upon the horizontal surface with the resilient frictional studs resting thereon and retained thereby from slipping.

In case the memorandum pad illustrated in Figs. 4–6 is to be placed upon a horizontal support the posts 14 will be removed from the upper end portion of the base and inserted through the holes 24 near the bottom end of the base and the pad 7 mounted thereon as illustrated in Fig. 4, thus enabling the pad to be properly inclined for

convenient use relative to the horizontal surface upon which it is mounted.

Under all conditions the pencil is always detachably secured to the pad in such manner that it can be removed for use and naturally reattached to the pad by the user when the writing of the memorandum is completed instead of being laid aside and perhaps lost as frequenty occurs when the pad is not provided with means for attaching the pencil to it or when the attaching means if present requires a substantial effort upon the part of the user to replace it in or upon the pencil-holding device of the pad.

It will be understood that the particular embodiment of the invention shown and described herein is of an illustrative character and is not restrictive of the meaning and scope of the following claims.

This application is a continuation in part of the prior co-pending application Serial No. 589,948 now abandoned filed April 24, 1945.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is:

1. A memorandum pad comprising a base of rigid sheet material having a flat rectangular paper-supporting area with reversely bent end extensions therebeyond having terminal portions spaced from and underlying said base and extending toward each other in the same plane and suitably spaced studs of resilient material having heads engaging the under surface of the terminal portion and extending therethrough a substantial distance adapted when one of said terminal portions is inserted between an angularly offset member of a bracket mounted upon an upright support to clamp said terminal portion therebetween without engagement of the edge of the terminal portion with said bracket and thereby to cause the heads of the studs of the other terminal portion to engage the surface of the upright support.

2. A memorandum pad unit for attachment to an upright support comprising a bracket having means for securing it to the support and a portion angularly diverging from the surface of the support providing a wedge-shaped space therebetween, a base of flat rigid sheet material having a rectangular paper-supporting area with reversely bent end extensions therebeyond having terminal portions spaced from and underlying said base and extending toward each other in the same plane, suitably spaced studs of resilient material mounted in the respective terminal portions in proximity to the edge thereof having heads engaging the under surface of the terminal portion and stems extending therethrough adapted when one of said terminal portions is inserted in said wedge-shaped space resiliently to clamp the same between the offset portion of the bracket and the supporting surface and to cause the heads of the studs on the terminal member to engage the suporting surface.

3. A memorandum pad comprising a base of rigid sheet material having a flat rectangular paper-suporting area with reversely bent end extensions therebeyond having terminal portions spaced from and underlying said base and extending toward each other in the same plane, frictional means mounted on the respective terminal portions adapted to engage a supporting surface and to resist slippage thereon, and a resilient clip mounted at one end on said base and having a free end portion extending along and engaging the under face of the rectangular portion of the base adapted to clamp used sheets therebetween.

4. A memorandum pad unit comprising a base of rigid sheet material having a flat rectangular paper-supporting area with reversely bent cylindrical end extensions therebeyond of different lengths underlying said base and extending toward each other in a common plane suitably inclined to the plane of the paper-supporting area of the base, suitably spaced studs of resilient material mounted in the respective terminal portions having heads engaging the under surface of said terminal portions adapted when engaging a supporting surface to position the paper-supporting area of the pad in inclined relation to said support and adapted when the narrower extension of the pad is hung upon a vertical support to provide a receptacle in which an article or articles may be placed.

5. A memorandum pad unit comprising a base of rigid sheet material having a flat rectangular paper-supporting area with reversely bent cylindrical end extensions therebeyond of different lengths underlying said base and extending toward each other in a common plane suitably inclined to the plane of the paper-supporting area of the base, suitably spaced studs of resilient material mounted in the respective terminal portions having heads engaging the under surface of said terminal portions adapted when engaging a supporting surface to position the paper-supporting area of the pad in inclined relation to said support and adapted when the narrower extension of the pad is hung upon a vertical support to provide a receptacle in which an article or articles may be placed, and a substantially triangular wire clip having its ends anchored to the terminal portions of the wider extension and conforming to the curvature thereof with a substantial portion of said clip engaging the base beneath the rectangular paper-supporting area thereof.

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The following references are of record in the file of this patent:

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