

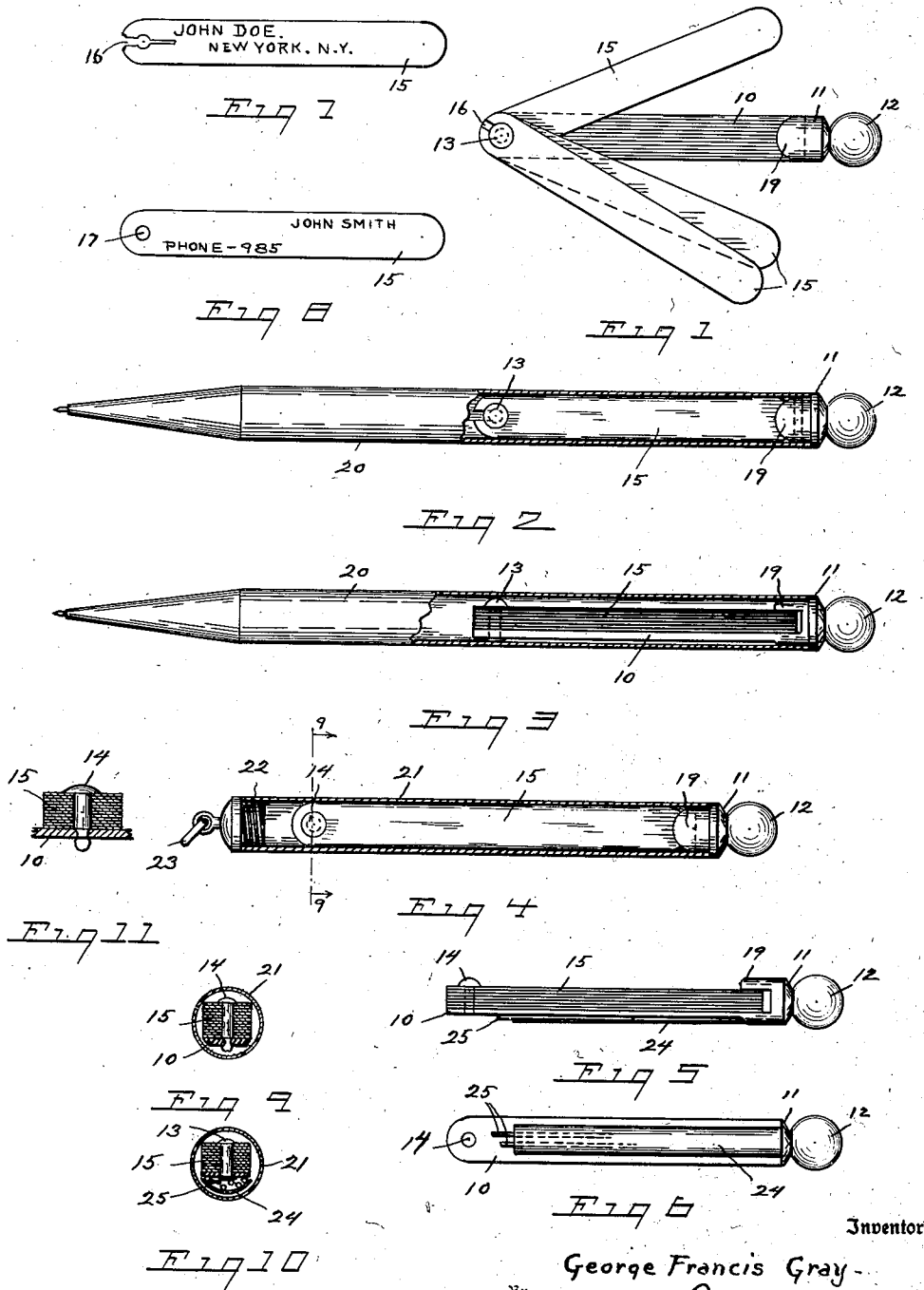
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MEMORANDUM DEVICE

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MEMORANDUM DEVICE

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This invention relates to a memorandum device of the loose-leaf type and is designed primarily for brief notes such as telephone numbers, addresses and similar data, although it will be found useful for many other purposes, such as for keeping score in card games, in which case certain information relating to the game may be printed on the reverse side of the leaves, or the leaves may be printed with cooking receipts or other data as desired.

The object of the invention is to provide a compact loose-leaf note book in which the sheets may be readily inserted and removed either singly or in the form of a pad.

Another object of the invention is to provide a device of this kind that may be mounted within the casing of an automatic pencil or other tubular container which may be carried in the pocket or pocket book.

Another object of the invention is to provide a device of this kind that may be attached to a desk set, paper weight, telephone or the like.

Another object of the invention is to provide a device that shall be cheap, compact, durable and of pleasing appearance.

With these and other objects in view, my invention consists in certain new and useful construction and combination of parts as will hereinafter be fully described and claimed and further illustrated in the accompanying drawing which forms a part hereof and in which like figures of reference refer to corresponding parts in all of the views, and it is understood that slight changes may be made without departing from the spirit of the invention.

In the drawing:

Figure 1 shows a supporting means of metal or other suitable material to which the leaves or sheets are attached in a removable manner, and in this view the sheets are shown as being spread apart in fan shape to expose the data thereon.

Figure 2 shows the device as being mounted within the barrel of an automatic pencil.

Figure 3 is a side elevation of the same shown as being partly in section.

Figure 4 is a sectional view of a tubular casing, showing the device as being mounted therein.

Figure 5 is a side view of the device with the casing removed.

Figure 6 is a bottom view of the same.

Figure 7 is a detail view of one form of leaf or sheet.

Figure 8 shows another form of sheet or leaf.

Figure 9 is a cross sectional view slightly enlarged, and taken on the line 9—9 of Figure 4.

Figure 10 is a similar cross sectional view, but of the construction shown in Figures 5 and 6.

Figure 11 is an enlarged detail sectional view

showing the form of snap post employed in the description.

Referring to the drawing:

I have shown a back bone or supporting member 10, rectangular in form and formed with a plug-shaped end 11 having a head 12 by which it may be handled when in use and for inserting it into and removing it from the casing.

To the inner end of this supporting member 10 is secured a post 13 either in the form of a rivet 13 or in the form of a snap post as shown in Figure 11.

The loose leaves or sheets are as herewith shown of two forms in Figures 7 and 8; that form shown in Figure 7 being formed with a slotted opening 16 which due to the nature of the material from which the leaf is constructed may be readily snapped on or off the post 13 as well as being freely pivotal thereon, and to facilitate the easy insertion and removal of these leaves with respect to the post, the space between the head 13 of the post and the supporting member 10 is slightly greater than that of the combined thickness of all of the leaves.

This construction provides a book in which the sheets or leaves may be removed, inserted, added to and rearranged as desired.

While I am aware that loose leaf books are common, they mostly depend upon two or more posts for their mounting and they can not be opened in such a manner that the leaves are all exposed at the same time in a fan-shaped manner, or any particular leaf may be exposed singly as desired, and I have accomplished this, by the use of a single binding or mounting post upon which the leaves or sheets are secured adjacent to one of their ends in a pivoted manner and superimposed one upon the other so that they may when closed be stored in a confined space, such as a tube.

While the leaves or sheets may be constructed of paper, they are intended to be of celluloid or similar material which will provide a stiff sheet upon which the data may be written or printed and readily erased and changed.

In Figure 8, I have shown the leaf 15 as being formed with a hole or punching 17, and in this case the leaves 15 are mounted upon a detachable post 18 which is similar to a snap fastener as shown in Figure 11, and which is snapped into a hole formed in one end of the supporting member 10.

For retaining the leaves 15 in a compact form when not in use they are arranged in a superimposed position one upon the other and all in registry with the supporting member 10, and their free ends are inserted under a lip 19 which is formed on the plug end 11 as shown in Figures 2, 3, 4 and 5.

In Figures 2, 3 and 4, I have illustrated two

different methods of storing the device, but it is understood that others may be devised for holding the supporting member 10 with its attached leaves 15, and also that said member 10 may be directly mounted upon any suitable supporting means, such as a desk set, paper weight, etc.

In Figures 2 and 3, the supporting member 10 is mounted within the tubular barrel 20 of an automatic pencil, the plug end 11 fitting into the open end of the barrel 20 and having a frictional hold therein, or it may be provided with threads for engagement with threads in the barrel 20, or any other suitable means of attachment may be provided.

As shown in Figure 4, the supporting member and leaves are mounted within a tubular casing 21 which is provided with a cap 22 having a ring 23 by which it may be attached to a telephone pad, desk or other object, or the casing 21 may be carried in a pocket book.

In Figures 5, 6 and 10, I have shown the supporting member 10 as being provided with a plate 24 which is attached to and spaced from the under side to form a pocket within which the leads 25 for the pencil may be stored; this plate 24 being of resilient material to exert a frictional contact with the leads 25 for the purpose of preventing their accidental removal.

It will thus be seen that I have constructed a device in which a number of leaves or sheets may be retained upon a single post in a readily detachable and removable manner, and that these leaves may be used for recording short memorandum or printed matter as desired, and that when it is desired to inspect any of these leaves, they may be opened out in fan-shape and be duly and fully visible, and that both of their surfaces may be used.

Also that while the assembly may be attached to any desired object, I have provided means whereby the same may be mounted within a tubular casing such as a pencil barrel or other article that can be readily carried in the pocket or pocket-book, and that will be accessible and which will not interfere with the use of the pencil for use in marking the leaves.

It is also to be understood that the leaves, especially when made of paper may be readily inscribed, upon a typewriter by temporarily securing them to a larger sheet which may be readily inserted into the machine.

The device may also be used to hold samples of paper or other material, or samples of colors, such as paint and the like, and in place of the leaves being pivoted adjacent to the end, they may be pivoted adjacent to the head, and in some cases one stiff leaf may be permanently secured to the post to serve as a backing or support for the other leaves.

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

1. In a loose leaf memo device, the combination with a tubular casing open at one end, of a supporting member adapted to be contained within said casing, a plug formed on one end of said supporting member adapted to engage with the open end of the casing to retain the supporting member within said casing and provided with a lip, a post secured to the other end of the supporting member and projecting at right angles

thereto, and a series of loose leaves formed with openings at one end pivoted upon said post with their other ends adapted to be retained under the lip formed on the plug.

2. In a loose leaf memo device of the class described, the combination with a tubular casing having a closed end and an open end, of a detachable plug for closing the open end, a tubular supporting member integral with said plug, said plug formed with a lip spaced from the supporting member and a finger grip, a post secured to the opposite end of said supporting member, and a series of detachable and interchangeable leaves long and narrow in form and provided with an opening in one end for pivotal engagement with the post, and their free ends adapted to be retained under said lip when enclosed by the casing.

3. In a loose memo device, the combination with a tubular casing having an open end, of a supporting member adapted to be contained within said casing, a plug formed on one end of said supporting member and adapted to engage with the open end of said casing to frictionally retain the supporting member therein, a post secured adjacent the opposite end of said supporting member, and a series of loose leaves formed with openings adjacent one end by which they are pivotably and detachably mounted upon said post with their free ends adapted to be retained in superimposed relation by the casing.

4. In a loose leaf memo device of the class described, the combination with a tubular casing having a closed end and an open end, of a detachable plug for closing the open end, a supporting member integral with said plug, said plug formed with a lip spaced from the supporting member and a finger grip, a post secured to the opposite end of said supporting member, and a series of detachable and interchangeable leaves long and narrow in form and provided with an opening in one end for pivotal engagement with the post, and their free ends adapted to be retained under said lip when enclosed by the casing.

5. In a loose leaf memo device, the combination with a tubular casing having an open end, of a supporting member adapted to be contained within said casing, a plug formed on one end of said supporting member and adapted to engage with the open end of said casing to frictionally retain the supporting member therein, a post secured adjacent the end of said supporting member, and a series of loose leaves formed with openings adjacent one end by which they are pivotably and detachably mounted upon said post.

6. In a loose leaf memo device, the combination with a tubular casing open at one end, of a supporting member adapted to be contained within said casing, a plug formed on one end of said supporting member adapted to engage with the open end of the casing to retain the supporting member within said casing, a post secured to one end of the supporting member and projecting at right angles thereto, and a series of loose leaves formed with openings at one end pivoted upon said post.

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