

(No Model.)

G. H. CRUZAN.
SCRAP CABINET.

No. 474,904.

Patented May 17, 1892.

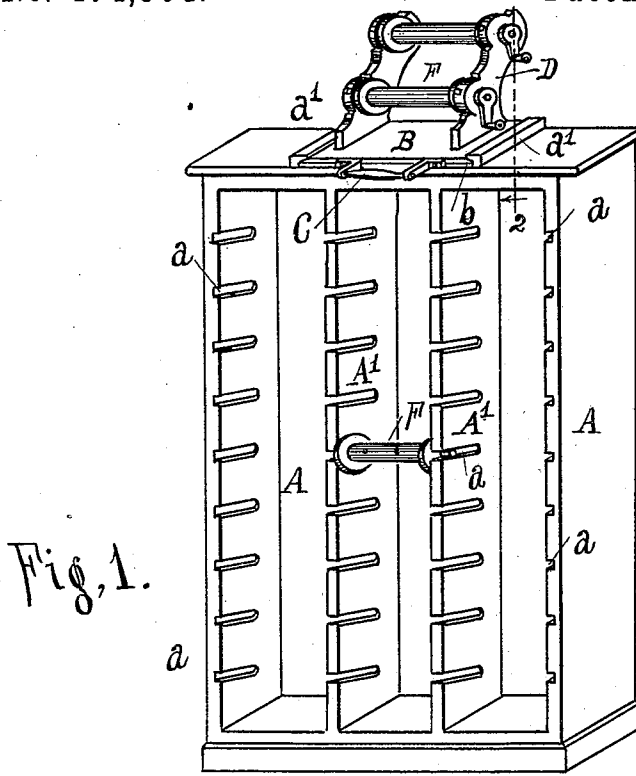


Fig. 1.

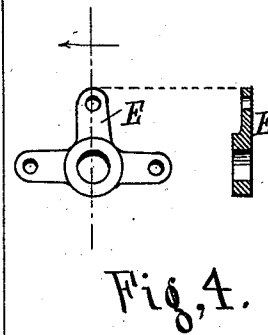


Fig. 4.

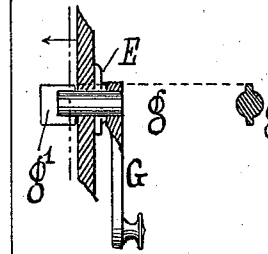


Fig. 3.

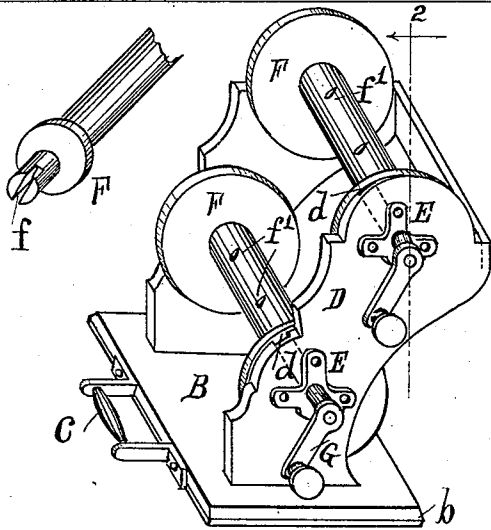


Fig. 5.

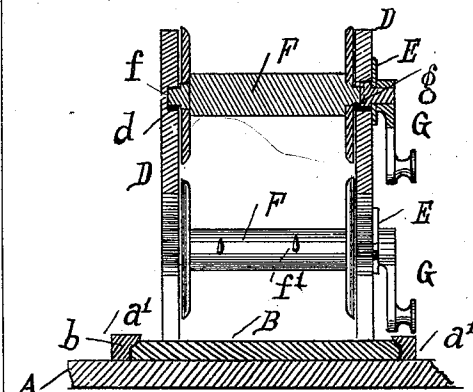


Fig. 2.

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UNITED STATES PATENT OFFICE.

GARRETT H. CRUZAN, OF EDINBURG, ILLINOIS.

SCRAP-CABINET.

SPECIFICATION forming part of Letters Patent No. 474,904, dated May 17, 1892.

Application filed September 2, 1891. Serial No. 404,578. (No model.)

To all whom it may concern:

Be it known that I, GARRETT H. CRUZAN, a citizen of the United States, residing at Edinburg, in the county of Christian and State of Illinois, have invented a new and useful device for preserving and filing newspapers, clippings, or other memoranda or other written or printed matter in a form convenient for reference, of which the following is a specification.

I have designated my invention as a "scrap-cabinet," and its construction is herein described, and is clearly shown in the accompanying drawings, in which—

Figure 1 is a view of the cabinet with the reel in position. Fig. 2 is an enlarged vertical section through the reel and a part of the case on the line 2 of Fig. 1. Fig. 3 is an enlarged detached view of one of the cranks and a section through the same. Fig. 4 is an enlarged detached view of one of the journal-boxes for the spools and a section through said journal-box. Fig. 5 is an enlarged detached view of the reading-frame, and also shows a detached end view of one of the spools.

Similar letters indicate the same parts in all the views.

The case A consists of a rectangular box of any convenient size, having vertical partitions A'. This case may be provided with a door of any ordinary construction; but for convenience in illustration I have omitted the door. In the sides of the case and in the partitions A' are downwardly-inclined slots a, which serve to support the spools in the case, as clearly shown in Fig. 1. Suitably secured to the top of the case are cleats a', which keep the reel in position on the top of the case. The purpose of this arrangement is to provide a convenient place for the reel, which also serves as a reading-frame, where it may always be found and from which it may be readily removed for reference; also, to provide a convenient means for holding the reel in place while the strip is being wound or unwound. The reel consists of two spools and cranks for turning the same, suitably supported on standards resting on a base which is detachably connected with the case.

I will now describe in detail the construction of the reel. The base B is a rectangular

block, and has its edges b chamfered to fit the channel formed by the cleats a' with the top of the case. To the front of the case is secured a handle C, by means of which the reel may be conveniently held while reading. I do not restrict myself to the particular form of handle shown, as a handle of any other suitable form may be used. To the base are secured vertical standards D, having inclined slots d, in which the journals of the spools move when inserting or removing the spools. To the standards are secured the journal-boxes E, the construction of which and the means for attaching same are clearly shown in Figs. 2 and 4. The spools F have spindles provided with slots f to receive the wings g' of the gudgeons g. The cranks G are suitably secured to the outer ends of the gudgeons. I have shown gudgeons having integral wings; but I do not restrict myself to the particular forms shown, since any form of gudgeon may be used which will prevent longitudinal movement of the spools, and any form of wings may be used which will engage with the spindle of the spool to turn the spool. On the shaft of the spools are hooks f', by means of which the matter to be filed is connected with the spools.

In practice the compartments in the case are indexed or numbered for convenience in reference, and the spools are lettered or numbered to correspond to the compartments. In the drawings I have shown a case having twenty-seven compartments, which I have found to be a convenient number, being one for each letter of the alphabet and one for miscellaneous matter not alphabetically classified. I have shown only one spool in the case, but in practice there should be a spool for each compartment. I do not restrict myself to the number of compartments shown, since a greater or less number of compartments may be used; nor do I confine myself to the arrangement of the spools in vertical rows within the case, as any other arrangement—as, for instance, in horizontal rows—may be used.

In operation two spools are placed on the reel, one end of the strip of scraps or other matter to be wound is hooked on the upper spool, and the crank is turned until the strip is wound on the roll. From time to time as

matter accumulates it is pasted on the end of the strip and the spool turned to wind it up, and so on until the spool is full. In practice all matter indexed under the "A" heading would be wound on the spool "A," that under the heading "B" on the spools "B," and so on. When a spool is full, it is placed in its compartment in the case. When it is desired to refer to matter on any spool, that spool is placed in the upper bearings in the reel and an empty spool is placed in the lower bearings, the loose end of the strip on the upper spool is then hooked on the lower spool, and the latter is turned, and the strip is reeled off the upper and on the lower spool until the desired scrap is found, after which the remainder of the strip is wound on the spool containing the greater part of the strip and the full spool is then replaced in its appropriate compartment. In inserting the spool the spool is turned in its slot *d* of the standard until the slot *f* in the spool-spindle comes in line with the wing *g'* of the gudgeon and permits the wing to enter the slot in the spindle, so that the spool may be turned by the crank. When it is desired to remove the reel from the case, for reading or other purpose, the handle C is seized and the reel is withdrawn.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a scrap-cabinet, a combined reel and reading-frame consisting of parallel spools supported on channeled standards secured to a base, said base being provided with a handle and being adapted to rest in guides on the cabinet, said spools being provided with

cranks having winged gudgeons which enter slots in the spindles of the spools and being adapted to reel on one spool a strip of reading-matter as the same is unwound from the other spool, as set forth, and for the purpose stated.

2. In a scrap-cabinet, the combination of the partitioned filing-case having compartments provided with inclined slots, in which the spindles of the spools are supported, and the reel consisting of parallel spools supported on channeled standards secured to a base detachably connected with the filing-case and provided with cranks having winged gudgeons, which enter slots in the spindles of the spools, substantially as set forth, and for the purpose stated.

3. In a scrap-cabinet, the combination of the partitioned filing-case having compartments provided with inclined slots, in which the spindles of the spools are supported and having at its top cleats adapted to guide the reel-base, detachably supported on top of said case, the standards secured to the reel-base and having inclined slots, in which the spindles of the spools are supported, the spools having slotted spindles, the journal-boxes on the standards, the gudgeons having wings which enter slots in the spool-spindles, the cranks secured to the gudgeons, and the handles secured to the base, substantially as set forth, and for the purpose stated.

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Witnesses:

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