Oct. 1, 1935. E. E. KOENIG ET AL 2,015,754

FILLER UNIT

Filed Feb. 8, 1932

Fig. 1

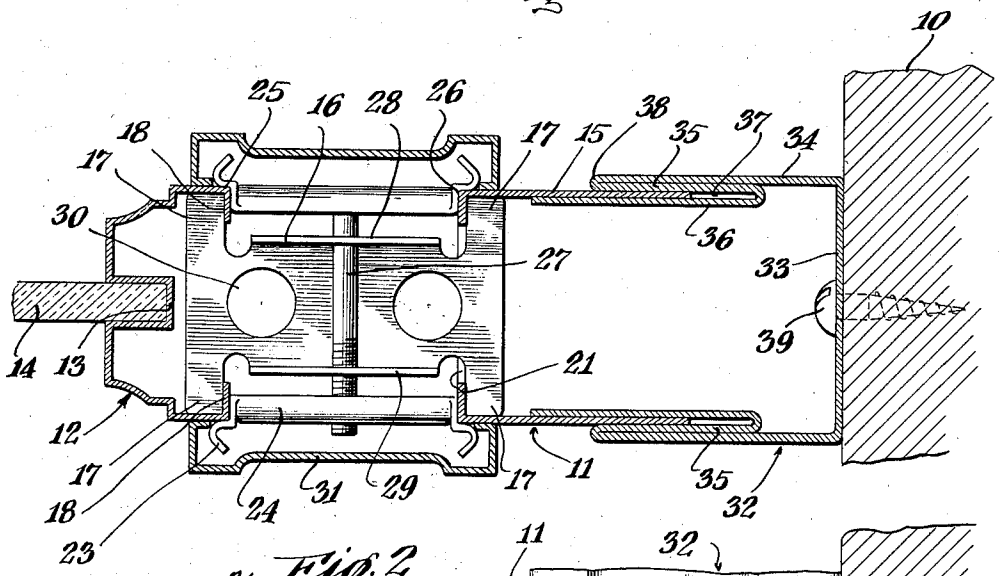


Fig. 2

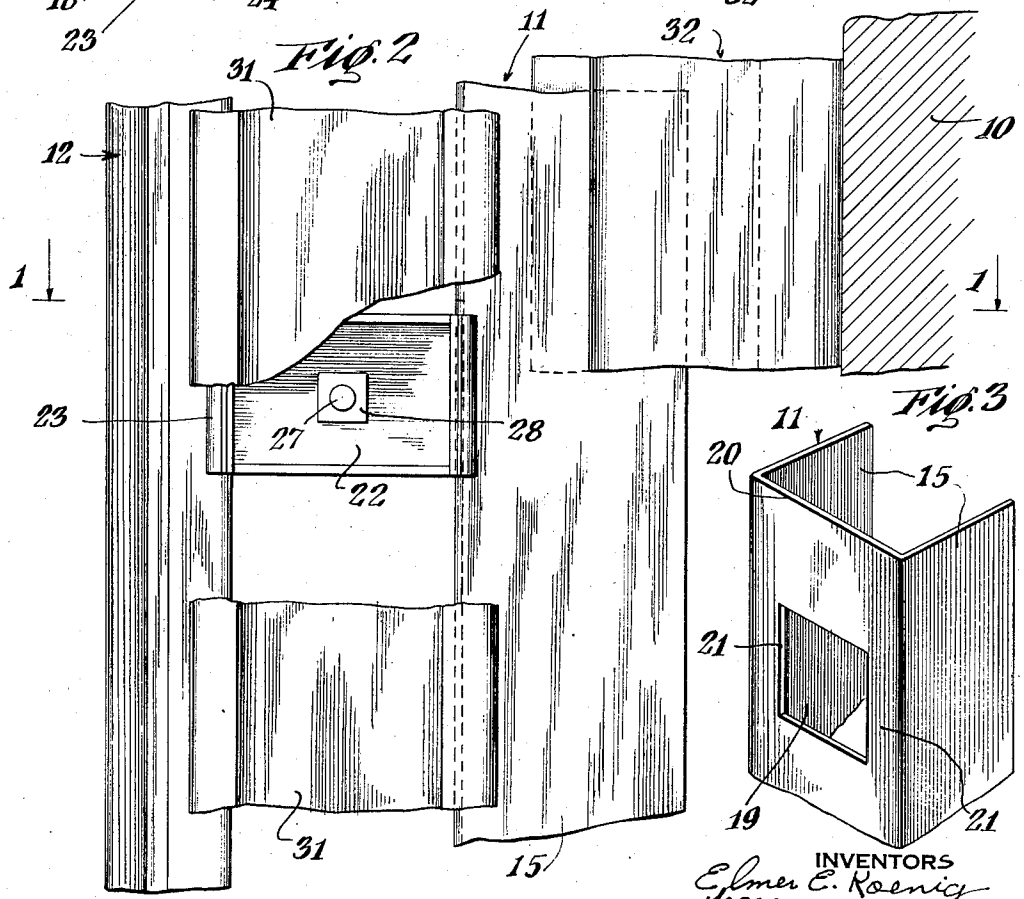


Fig. 3

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FILLER UNIT

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14 Claims. (Cl. 189—34)

This invention relates to partition structures and more particularly to a wall filler unit adapted to be used for filling in the space between the free edge of a run of partition sections and a wall.

Metal partition structures are now generally constructed and assembled in standard size units, each unit being of the same width. When a run of standard sectional units are erected, therefore, a space between the free edge of the last unit and the wall results, which space is of less width than the standard width of the unit. Some means must be provided to continue the partition run to the wall or other point desired.

An object of our invention is to provide a wall filler adapted to be inserted between the free edge of the last unit erected and the end of the partition run.

Another object of our invention is to provide an adjustable wall filler which may be conveniently and easily adjusted to fill in any space left between the free edge of the last unit erected and the end of the partition run and which may also form a part of a partition post.

A further object of our invention is to provide an adjustable wall filler section which is attractive in design, easily constructed and erected and harmonizes with the several units of the partition.

Our invention also consists in forming a product having the general characteristics, the new and useful applications, and the several original features of utility hereinafter set forth and claimed.

Although the novel features which are believed to be characteristic of this invention will be particularly pointed out in the claims appended hereto, the invention itself, as to its objects and advantages, and the manner in which it may be carried out, may be better understood by referring to the following description taken in connection with the accompanying drawing forming a part thereof, in which

Fig. 1 is a horizontal cross sectional view through the free end post of a standard partition unit and our novel wall filler shown in combination therewith;

Fig. 2 is a fragmentary front view of the partition post and our wall filler, certain parts being broken away to more clearly show the interior construction; and

Fig. 3 is a perspective view of one section of our adjustable wall filler.

Like reference characters denote like parts in the several figures of the drawing.

In the following description and in the claims various details will be identified by specific names for convenience, but they are intended to be as generic in their application as the art will permit.

We have shown in Fig. 1, our adjustable wall filler positioned between the free edge of a sectional unit and a wall 10 which may be the end of a partition run. While our adjustable wall filler may be inserted between the free edge of any sectional unit or post and the end of the partition run, one section 11 of our wall filler may be used in combination with a partition upright 12 to form a partition post as shown in Figure 1. Upright 12 forms a part of a sectional partition unit and is recessed at 13 to receive the panel 14 of the sectional unit. Section 11 is generally of channel form and is provided with side flanges 15 of considerable width which extend away from the sectional unit.

The unit upright 12 and the wall filler section 11 are connected together by a spacer and clips to form a sturdy post. The spacer comprises a central connecting portion 16 and lateral extensions 17 projecting from each of the four corners thereof. The unit upright 12 is provided with inwardly projecting flanges 18 with which one pair of the projecting portions 17 of the spacer engage. An opening 19 is cut in the web portion 20 of the channel section 11 so as to provide flange portions 21 along the sides of the opening. The opening 19 is of such size that by proper manipulation one end of the spacer can be inserted therethrough. Projecting portions 17 then seat interiorly against the flanges 21, thus connecting the upright 12 and section 11 and maintaining them a uniform distance apart.

Clips are provided which seat against the upright 12 and section 11 to hold them in rigid assembly. Each clip comprises generally a connecting portion 22 and outwardly rebent flange portions 23 at each end of the connecting portion. The clip may also be provided with side flanges 24 to give rigidity and strength to the same. The rebent flanges 23 of each clip are so shaped as to seat against a corner 25 of the upright 12 and a corner 26 of the section 11 to firmly lock the same against the projecting portions 17 of the spacer, as clearly shown in Fig. 1. A screw bolt 27 provided with a nut 28 at one end thereof, extends through the connecting portion 22 of each clip. When the nut 28 is drawn tight either by manipulating the nut or the head of the bolt the clips are drawn toward the spacer so that the whole forms a truss with the upright 12 and section 11, clamping and locking the entire assembly to-

gether to form a sturdy post. The spacer may be provided, if desired, with laterally extending stiffening flanges 29 through which the bolt 27 extends. Openings or holes 30 may be provided in the spacer through which electric wiring or other conduits may be threaded. A cap pilaster 31 is provided which snaps on to the sides of the assembled posts and resiliently engages the rebent flanges 23 of the clips, as shown in Fig. 1.

The second wall filler section 32 is generally of channel form and telescopes over the flanges 15 of the first wall filler section. The web portion 33 of the second wall filler section joins the laterally projecting flanges 34 thereof. Each flange 34 is provided with a doubled back portion 35 and a return bend portion 36 which is spaced slightly from the doubled back portion 35 to form a sleeve 37 permitting flanges 15 of the first wall filler section to smoothly telescope therebetween. It is understood that the sleeve 37 may be of any depth desired and generally speaking the greater the depth of the sleeve the greater the adjustability of the wall filler. Shoulder portions 38, formed by doubling back portions 35, present a smooth and finished exterior appearance. A screw 39 or other means may be provided to properly secure the web portion 33 of the filler member to the building wall 10.

It is now seen that we have provided a filler unit formed from two telescoping channel shaped sections, which sections are adjustable to fill in the space between the free edge of a partition unit and the end of the partition run. The wall filler is so constructed that one of the channel sections forming a part thereof also forms a part of the sectional partition post, thus serving two purposes and permitting economy in material and workmanship. Our adjustable wall filler presents a neat and smooth exterior appearance, is free from rough edges and harmonizes well with practically any form of sectional partition construction. Our wall filler when erected as above described is fully equal in strength to any other portion of the completed partition. It also possesses the further advantage of being simple in construction, economical to manufacture and does not require skilled labor for erection and assembly.

While certain novel features of the invention have been disclosed and are pointed out in the annexed claims, it will be understood that various omissions, substitutions and changes may be made by those skilled in the art without departing from the spirit of the invention.

What we claim is:

1. In partition construction, an adjustable filler unit comprising a pair of channel shaped telescoping sections, one of said sections forming a half-post upright, and means for securing said half-post upright section to the free edge of a partition unit, the other section comprising the filler unit having the web portion thereof arranged to seat against a wall and the flange portions thereof telescopingly connected to said half post upright forming section.

2. In partition construction, a filler unit comprising a pair of complementary channel shaped sections, each of said sections having web and flange portions, the flange portions of one of said sections having return bend portions forming sleeves into which the flange portions of the other section telescope the free edges of said sleeved section being concealed within the other section.

3. In partition construction, an adjustable wall filler unit comprising a pair of upright channel shaped sections extending between the free edge of a partition unit and a wall, each of said sections having a web portion and a flange portion, the flange portion of one of said sections having a return bend portion forming a sleeve into which the flange portion of the other section telescopes, the free edges of said sleeved section being concealed within the other section.

4. In partition construction, an adjustable filler unit comprising a pair of complementary channel shaped sections, each of said sections having a flange portion, the flange portion of one of said sections having a doubled back portion and a return bend portion, the return bend portion extending substantially parallel to the doubled back portion and spaced therefrom to form a sleeve into which the flange portion of the other section telescopes, the free edges of said sleeved section being concealed within the other section.

5. In partition construction, a channel shaped member having in combination a half-post portion and a wall filler portion, a half-post upright complementary to said half-post portion, a clip for maintaining said half-post upright in fixed spaced relationship to said half-post portion, an opening in the web of said half-post portion through which said clip partly extends, and clip engaging means on said half-post portion.

6. In partition construction, a channel shaped member having in combination a half-post portion and a wall filler portion, a half-post upright complementary to said half-post portion, a clip for maintaining said half-post upright in fixed spaced relationship to said half-post portion, and a complementary wall filler member having the web portion thereof adapted to seat against a wall and the flange portions thereof telescopingly connected to said wall filler portion.

7. In partition construction, a channel shaped member comprising a combined half-post upright and a wall filler section, a second half-post upright complementary to said half-post upright first mentioned, a spacer for maintaining said post uprights in spaced relationship, clips for maintaining said uprights in fixed spaced relationship, means for clamping and locking the spacer, clips and post uprights together, and a complementary wall filler member having flange portions telescoped over said wall filler section.

8. In partition construction, a filler unit comprising a pair of telescoping sections, each of said sections having side wall forming portions, the side wall portions of one of said sections having return bends forming sleeves into which the side wall portions of the other section telescope, the free edges of said sleeved section being concealed within the other section.

9. In partition construction, an adjustable wall filler unit comprising a pair of upright sections extending between the free edge of a partition unit and a wall, each of said sections having side wall portions, a side wall portion of one of said sections having a return bend forming a sleeve into which a side wall portion of the other section telescopes, the free edge of said sleeved section being concealed within the other section.

10. In partition construction, an adjustable filler unit comprising a pair of complementary telescoping sections, one of said sections having a web portion seating against a wall, means securing said web portion to the wall, each of said sections having a side wall portion, the side wall portion of one of said sections having a doubled back portion and a return bend portion, the re-

turn bend portion extending substantially parallel to the doubled back portion and spaced therefrom to form a sleeve into which the side wall portion of the other section telescopes.

11. In partition construction, a one piece channel shaped member providing a combination half post and wall filler unit, a complementary half post member, a clip engaging the web portion of said channel shaped member and maintaining the same in fixed spaced relation to said complementary half post member, and a removable pilaster cap covering the space between said channel shaped member and complementary half post member.

12. In partition construction, a channel shaped member providing combination half post portion and wall filler portion, a half post upright complementary to said channel shaped member, a clip directly engaging the web portion of said channel shaped member and said half post upright maintaining the same in fixed spaced relation, and a pilaster cap covering the space between said channel shaped member and said complementary half post upright resiliently and removably secured to said clip.

13. In partition construction, a combination half post and wall filler member of generally channel form, a half post upright, a clip engaging the web portion of said channel member and connecting the same to said half post upright, and a complementary wall filler member adapted to abut against a wall and telescopingly connected to said channel shaped member.

14. In partition construction, a channel shaped member providing a combination half post and wall filler portion, a half post upright, connecting clips directly engaging said channel shaped member and said half post upright maintaining the same in fixed spaced relationship, a cap member covering the space between said channel member and half-post upright and a complementary wall filler member telescoping over said channel shaped member.

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