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CINDER BAG AND PROTECTING COVER

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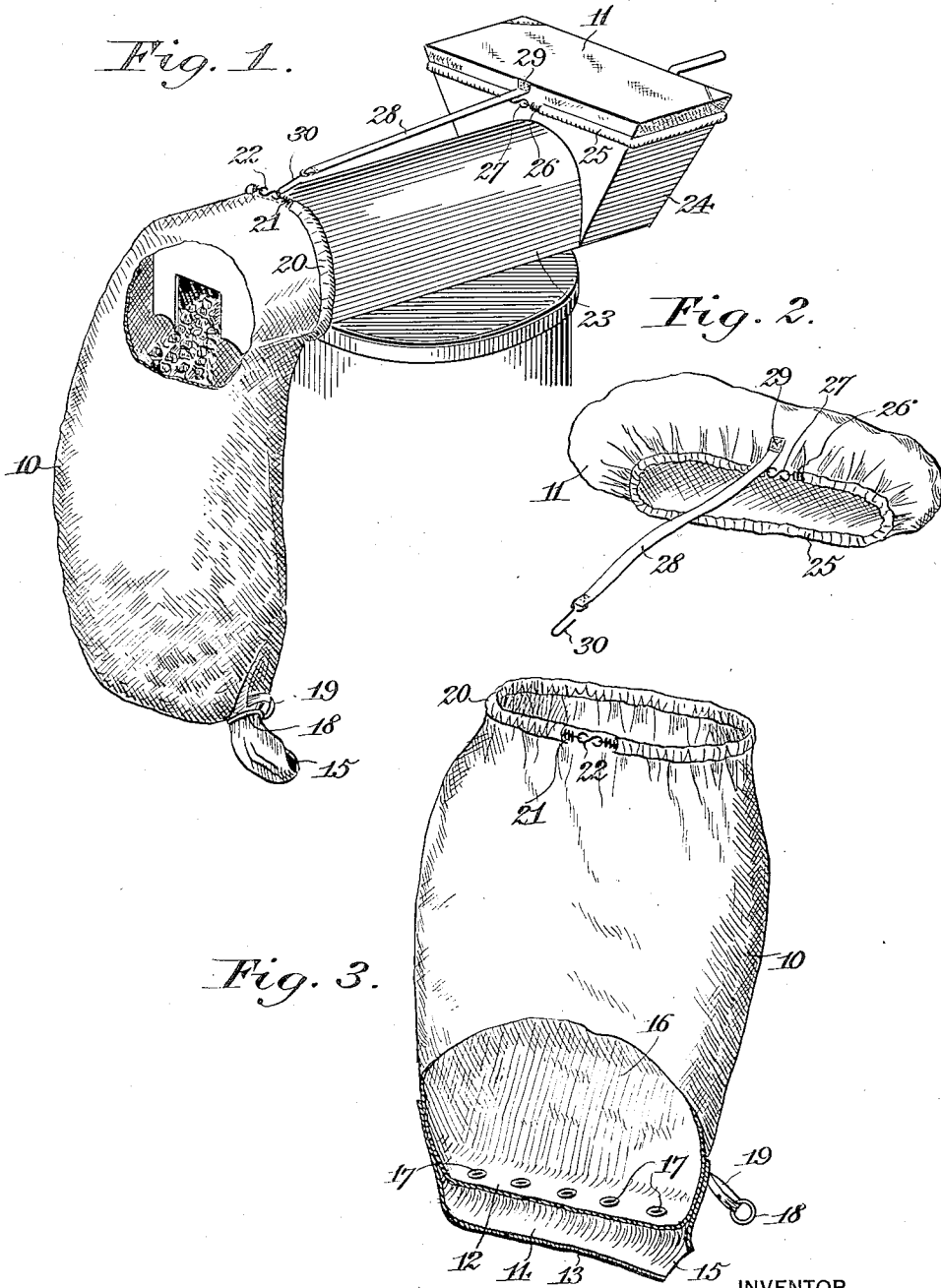


Fig. 3.

Fig. 2.

Fig. 1.

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CINDER BAG AND PROTECTING COVER

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3 Claims. (Cl. 209—370)

This invention relates to means for the household for use in conjunction with an ash sifter to receive and contain cinders separated from ashes in sifting them, and at the same time to act as a protector by preventing dust from spreading.

The invention provides a two-part combination consisting of a bag or receptacle, and a separate cover or hood, both of which parts, or the bag or receptacle alone, may be used in connection with an ash sifter for the stated purpose.

It is an object of the invention to provide a simple and inexpensive means of the indicated character which is convenient, which provides for the accumulation of the cinders and stores them until wanted, and which protects the user while carrying out ash sifting operations.

The invention consists in the several novel features of construction and new combination of parts hereinafter fully described and illustrated in the accompanying drawing, in which

Figure 1 is a perspective view showing the bag and cover of the invention applied to an ash sifter to illustrate the manner of using them, a portion of the bag being broken away;

Figure 2 shows the protecting cover;

Figure 3 is a view of the bag, the same being shown partly in section.

Referring now more particularly to the drawing, it will be apparent that the invention contemplates two main parts, a bag or receptacle 10, and a separate cover or hood 11. The bag 10 may be of any preferred size and may be made of any suitable material or combination of materials and is preferably made of closely woven fabric.

The bag has an inner bottom 12 and an outer bottom 13. These bottoms 12 and 13 may be provided by applying an extra section to the lower end of the main bag body, as shown in Figure 3. The lower end of the bag is so constructed as to provide a space 14 for fine particles, dust and the like. This space 14, defined by the bottoms 12 and 13, has an opening 15 for discharging the particles which enter the space 14 from the main receiving space of the bag designated 16.

The inner bottom 12 has provision for allowing the fine particles or dust to leave the space 16 into the space 14 to be separated from the cinders received in the space 16. The said provision for this purpose consists of perforations provided by the use of grommets or the like 17 applied to the bottom 12. The opening 15 is closed by any suitable means, and, in the present instance, there is provided a ring 18 which is connected with the bag 10 by a strap or loop 19. The portion of the bag at the opening 15 may be pulled through

the ring 18 to effect a closing so as to prevent the discharge of the dust particles from the space 14 through the opening 15, as shown in Figure 1. The open end of the bag 10 may be provided with any suitable means for contracting the same around a section of an ash sifter. The said means, in the present instance, consists of a hem 20 open at the side, and a contractile spring 21 within the hem 20; the ends of the spring 21 being connected together by a connector 22 of 8-shape. In Figure 1 of the drawing, the bag 10 is shown applied to an ash sifter 23. The open end of the bag 10 is passed over the cinder discharge end of the sifter 23 so as to receive the cinders in the ash sifting operation. It will be apparent that these cinders will be caught and retained in the bag and may be kept therein until wanted, when the bag 10 may be readily removed from the sifter.

In accordance with another feature of the invention, the cover or hood 11 may be applied to the hopper 24 of the sifter 23 to prevent the dust from spreading during the sifting operation. In other words, the cover or hood 11 prevents dust from rising from the hopper 24 after the ashes have been placed in the hopper. This cover or hood 11 may be of the desired size, and may be made of any preferred material such as closely woven fabric. The cover 11 has suitable means for contracting the same about the hopper. In the present instance, this means consists of a hem 25 open at one side, and a contractile spring 26 within the hem 25; the ends of the spring 26 being connected together by an 8-shaped connector 27. A strap, tape or cord 28 has one end thereof connected with the cover as at 29 and its opposite end has a hook 30. When the cover 11 is applied to the hopper 24 of the sifter, the hook 30 may be engaged with the connector 22 to aid in retaining the bag 10 in receiving position on the sifter 23, as shown in Figure 1. This is particularly desirable when the bag 10 is almost filled with cinders, since it will permit the bag from slipping off the sifter.

The provision of the space 14 to receive the fine particles is a distinct advantage and convenience when emptying the bag since these fine particles will be separated from the cinders and may be readily disposed of by removing the ring 18. In this manner the dust may be handled without allowing it to spread or scatter about.

I claim:—

1. A cinder bag having an inner bottom and an outer bottom to provide a dust space, said inner bottom being perforated to allow the dust to

enter said space, and said bag having outlet means to discharge the dust from said space, and means carried by the bag to removably secure it in receiving position on the discharge end of a sifter.

2. A cinder bag having on the bottom a receiving section for dust and fine particles, said bottom having provision to allow the dust and fine particles to pass from said bag into said section, said section having outlet means to discharge the dust and fine particles from said section, and means to secure said bag in receiving position on the discharge end of a sifter.

3. A cinder bag having two bottoms to provide a space for fine particles, said bag having provision to allow the particles to enter said space from the main space of the bag, said bag having an opening for discharging said particles from said space, means to close said opening, and expansible and contractible means connected with the bag to removably secure it in receiving position on the discharge end of a sifter.

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