Oct. 18, 1949. F. E. SETTLE 2,485,117

PAINTER'S MASK

Filed June 7, 1947

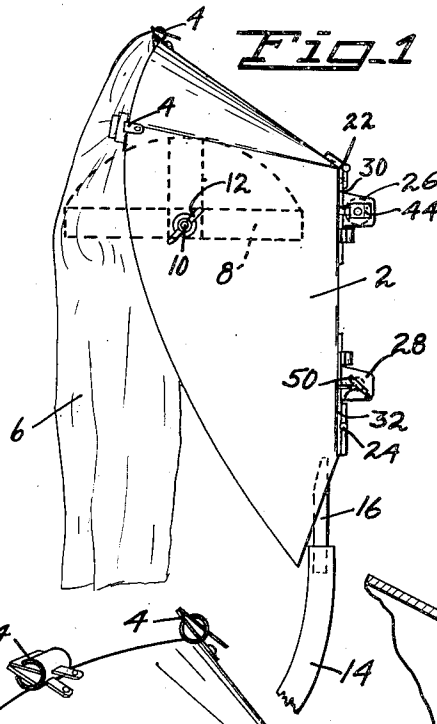


Fig. 1

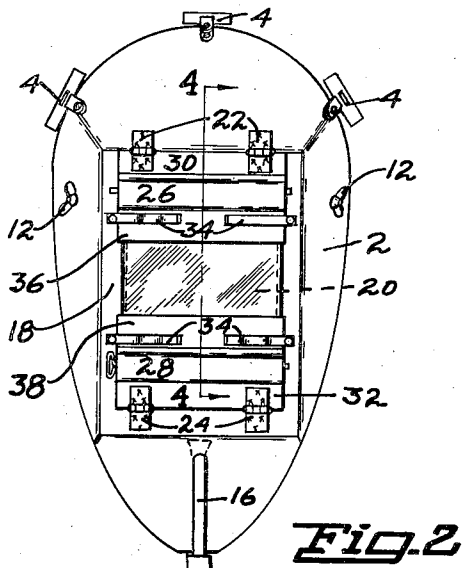


Fig. 2

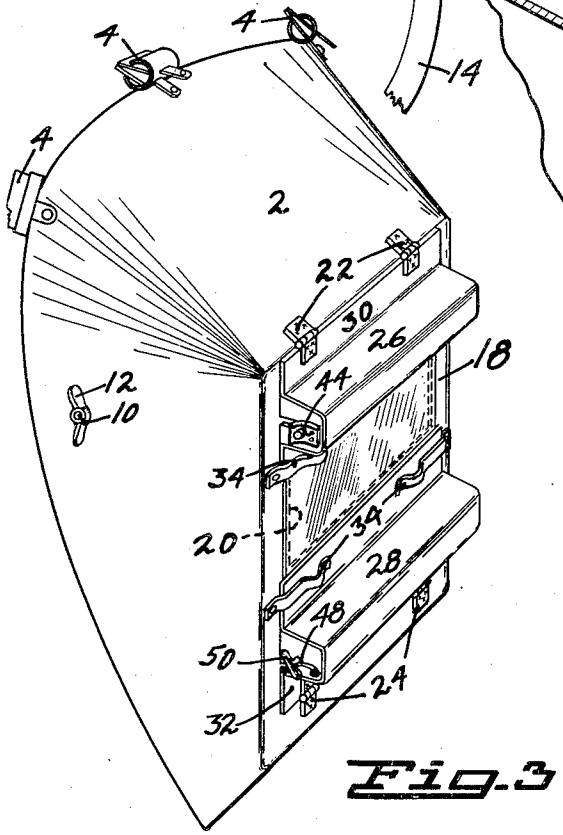


Fig. 3

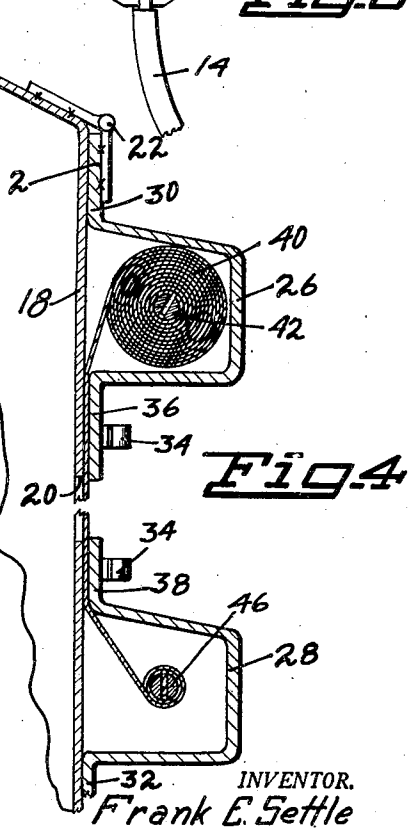


Fig. 4

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PAINTER'S MASK

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2 Claims. (Cl. 2—8)

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My present invention relates to an improved painters' mask of the type designed especially for use by painters while spraying paint to protect the user against inhaling the paint spray, and provided with a vision opening covered by transparent material and the structural embodiment whereby the material may be changed when it becomes covered with paint.

According to my invention I mount on the mask a roll of transparent cellulose material passing over and closing the front aperture for vision, and a second roll or reel upon which the transparent material may be wound as the exposed portion becomes clouded.

By this means the painter may easily maintain his mask opening in clear condition without having to continually clear the window as when glass is used.

In the accompanying drawings I have illustrated one complete example of the physical embodiment of my invention according to the best mode I have thus far devised, but it will be understood that various changes and alterations may be made in the exemplified structure within the scope of the appended claims.

In the drawings:

Fig. 1 is a side elevational view of the device of my invention.

Fig. 2 is a front view.

Fig. 3 is a perspective view of the mask.

Fig. 4 is a sectional view at line 4—4 of Fig. 2.

Referring now to the drawings, I have illustrated the present preferred embodiment of my invention as comprising the mask 2 of suitable material of light weight and impervious to air, having clips 4 securing the hood 6 to protect the back of the head. The usual head gear 8 is provided inside the mask and mounted on shafts 10 extending through the mask and secured by wing nuts 12.

An air hose 14 is connected to the tube 16 to provide fresh clean air to the user, from a suitable source.

The front flat wall 18 of the mask is apertured at 20 and hinged at 22 and 24 respectively above and below the aperture, I provide the casings 26 and 28 secured by flanges 30 and 32 to the hinges.

Spring clips 34 pivotally mounted on the wall 18 of the mask bear against the plane portions 36 and 38 of the casings.

Within the upper casing 26, I utilize a sheet of transparent cellulose 40 rolled upon the shaft 42 and journaled in the spring brackets 44. The sheet 40 passes over the aperture under the plane portions of the mask 36 and 38 and is thus sealed against the mask by spring pressure preventing the entrance of paint spray.

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Of course, the spray will fall on the mask and on the sheet, and when the sheet is coated to the extent that vision is impaired, the lower spool 46 journaled in brackets 48 and having a turning key 50, and to which spool the end of the sheet is secured, is rotated unwinding the upper reel and placing a fresh clean portion of the transparent sheet over the aperture. When the roll has been exhausted, a fresh roll may be easily inserted in the upper casing and fed to the lower spool.

By the use of the mask of my invention the painter may easily and quickly change the sheet to maintain a clean window without the loss of time required to remove the mask and clean the window with a paint solvent as is necessary with conventional masks.

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

1. A painters mask including a plane apertured front wall aligned with the eyes, a transparent closure for the aperture comprising a sheet of flexible material the ends of which are rolled upon spaced spools, protective casings for the spools hinged to the front wall, flat plane portions extending from the casings and bearing against the sheet adjacent the perimeter of the aperture, spring clips on the mask tensioning the plane portions to seal the exposed portion of the sheet against the mask, and crank means for rotating the receiving spool to advance the sheet.

2. A painters mask including a plane apertured front wall aligned with the eyes, a transparent closure for the aperture comprising a sheet of flexible material the ends of which are rolled upon spaced spools, protective casings for the spools hinged horizontally on the front wall, journal brackets for the spools on the casings, flat plane portions extending from the casings and bearing against the sheet adjacent the perimeter of the aperture, spring clips on the mask tensioning the plane portions to seal the exposed portion of the sheet against the mask, and crank means for rotating the receiving spool to advance the sheet.

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