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United States Patent [19]

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Schneidmiller

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[54] YELLOW JACKET TRAP

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[73] Assignee: **Sterling International, Inc.**, Veradale, Wash.

[21] Appl. No.: **394,842**

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[51] Int. Cl.⁶ **A01M 1/02**

[52] U.S. Cl. **43/122; 43/121; 43/107**

[58] Field of Search **43/122, 121, 107**

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Primary Examiner—Joseph J. Hail, III

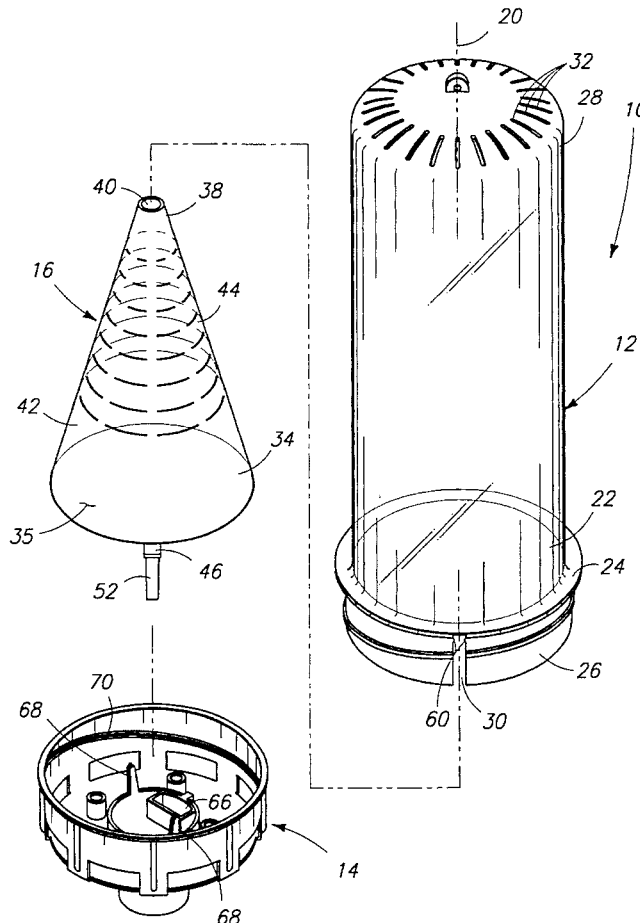
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[57] ABSTRACT

A yellow jacket trap has a cylindrical upper member detachably connected to a lower member. The upper member defines a hollow entrapment chamber having a bottom open end and a top end. The trap further includes an inverted cone removably inserted within the cylindrical upper member. The inverted cone has a first open end coincident with the bottom open end of the upper member and extends into the entrapment chamber. The cone tapers from its first open end to a second open end having a diameter less than that of the first open end. An orientation coupling is provided to align the inverted cone relative to the upper member and to guide the inverted cone during insertion into the upper member and removal therefrom. The trap also includes a detent element to releasably hold the inverted cone within the upper member. The detent element retains the inverted cone within the upper member even after the lower member is detached from the upper member during emptying of the entrapment chamber. This prevents the inverted cone from falling out of the upper member during emptying, thereby avoiding undesired spilling of dead yellow jackets onto the floor. The detent element enables the user to conscientiously remove the inverted cone during emptying by applying a little force to overcome the detent restraint.

15 Claims, 5 Drawing Sheets



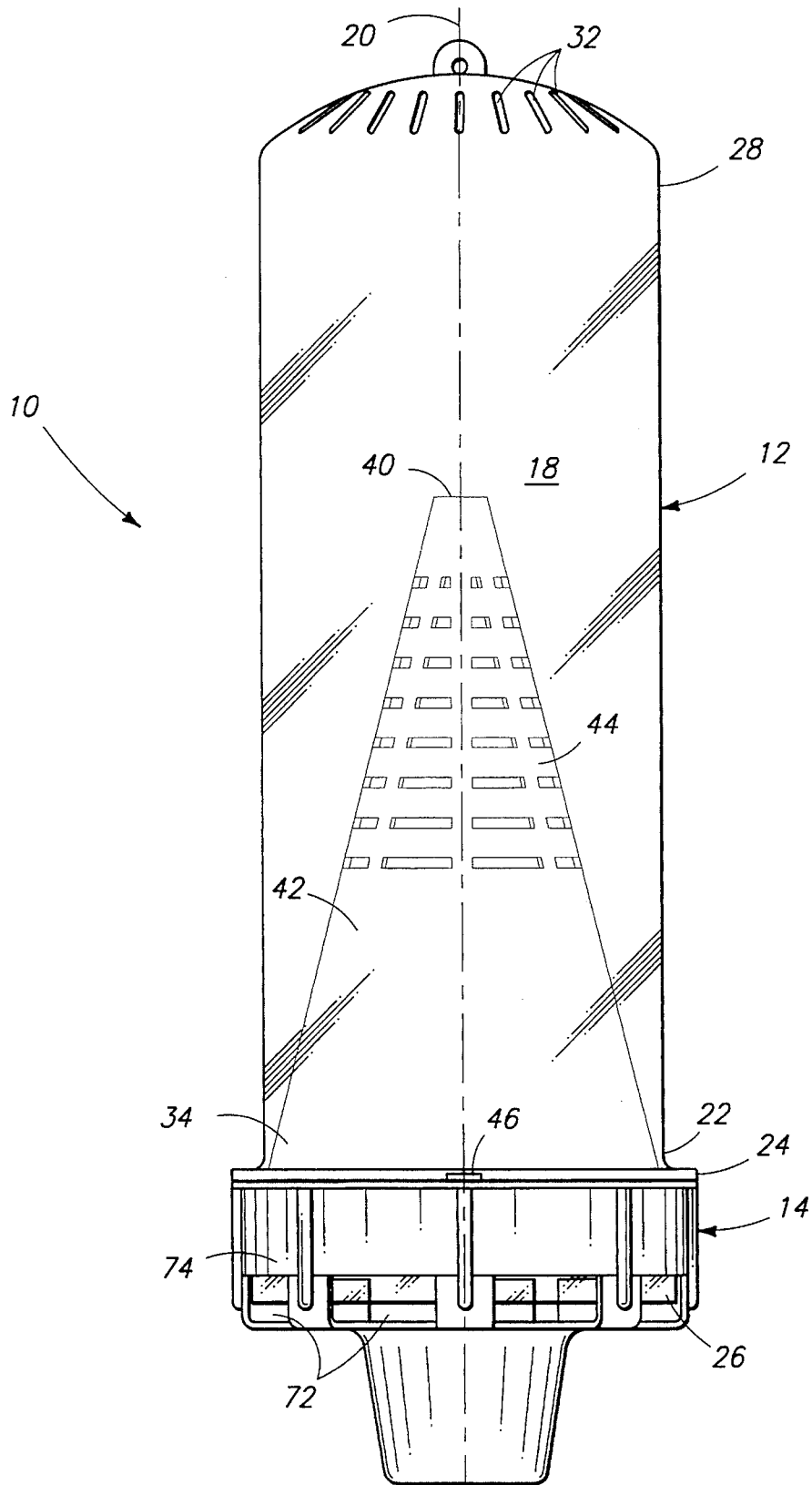


Fig 1

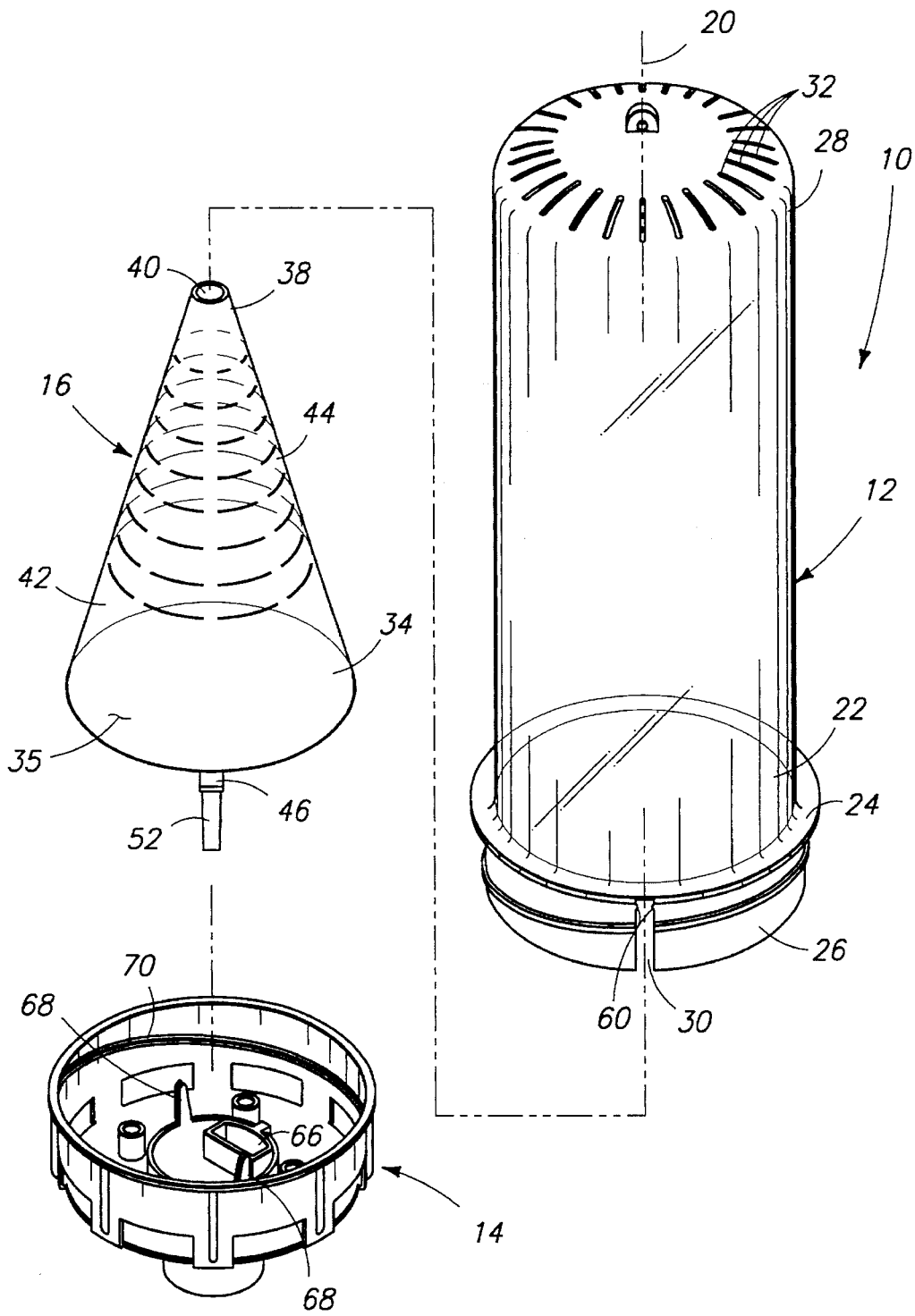


Fig 2

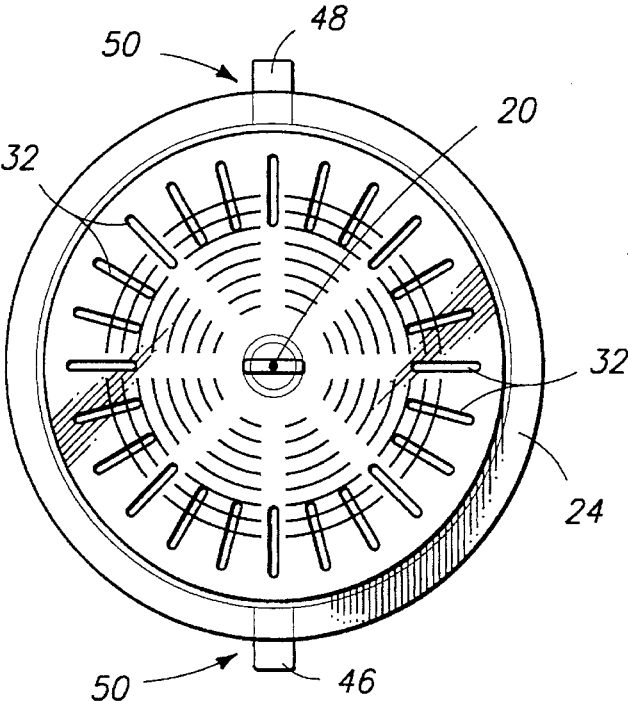


Fig 3

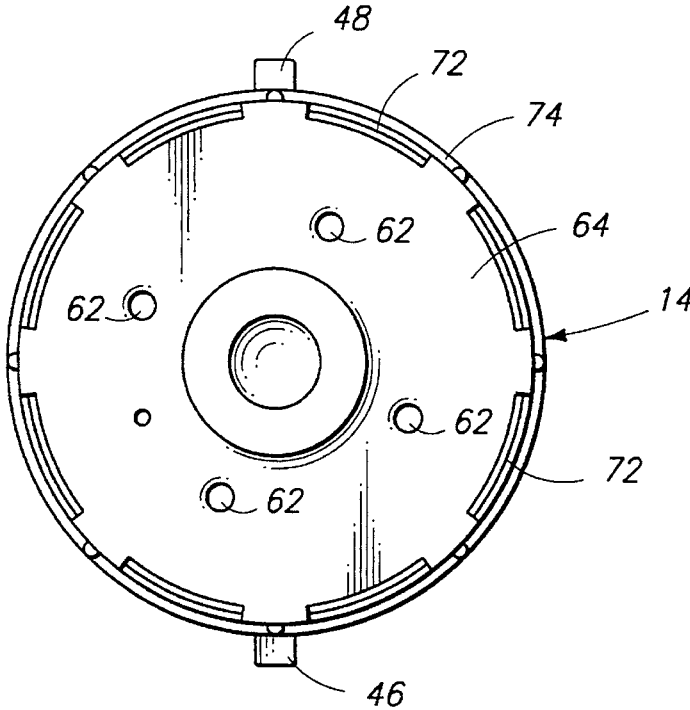


Fig 4

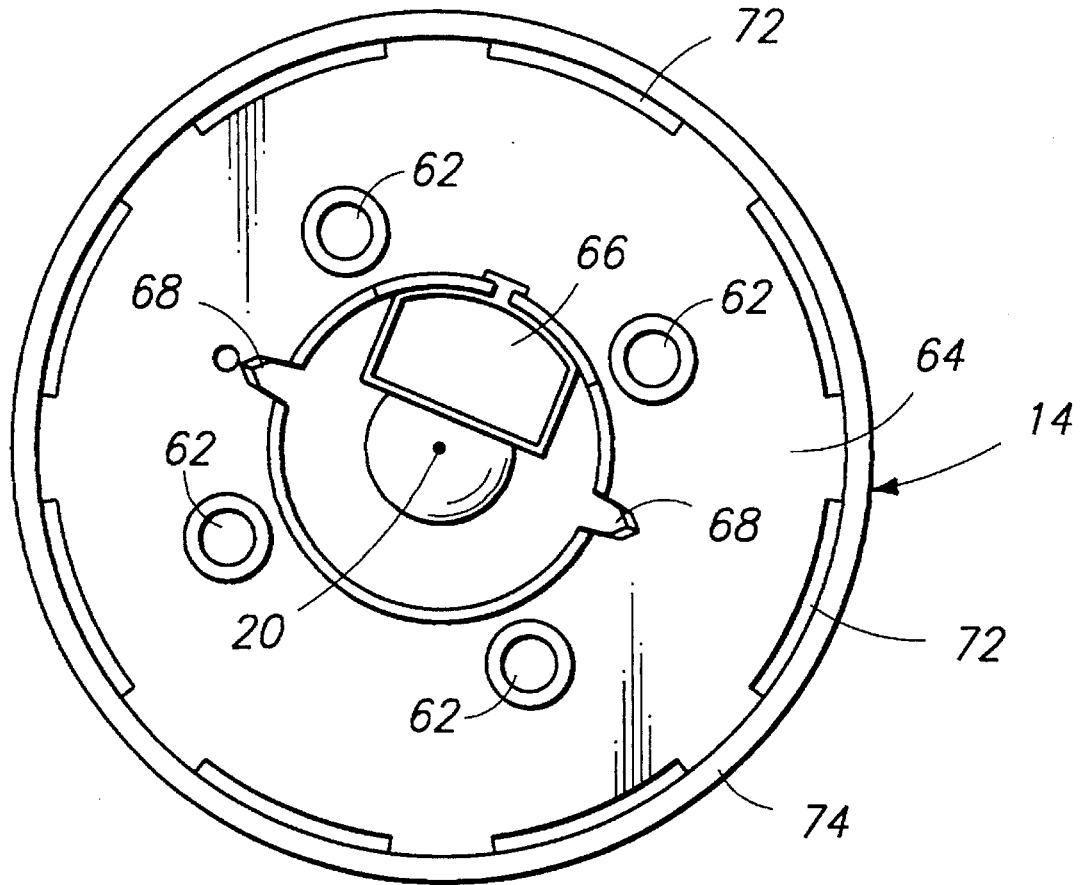


Fig 5

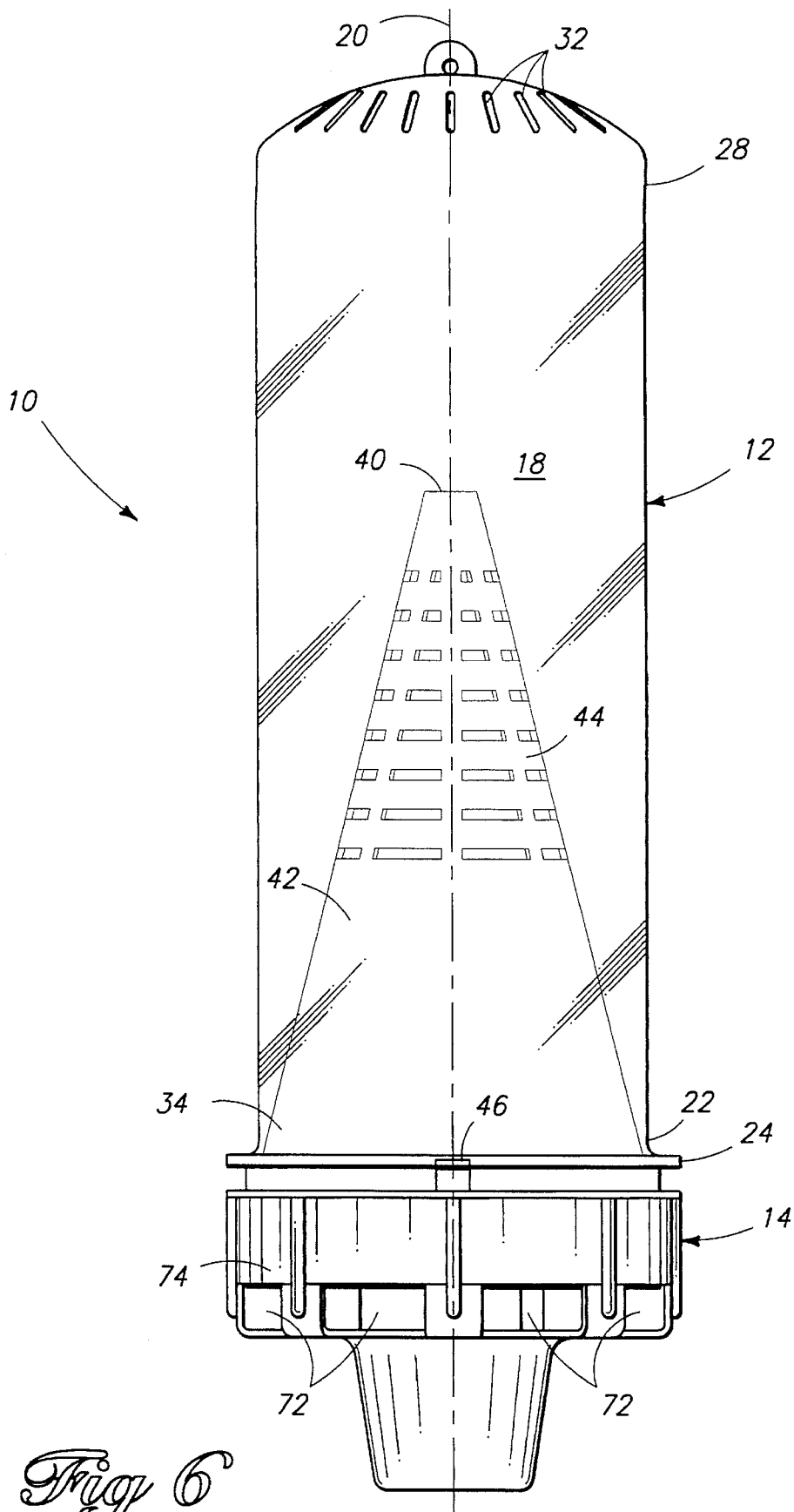


Fig 6