



(22) Date de dépôt/Filing Date: 1998/02/02

(41) Mise à la disp. pub./Open to Public Insp.: 1999/07/27

(45) Date de délivrance/Issue Date: 2004/03/30

(30) Priorité/Priority: 1998/01/27 (09/013,984) US

(51) Cl.Int.⁶/Int.Cl.⁶ E06C 1/34, E06C 7/18, E06C 9/02

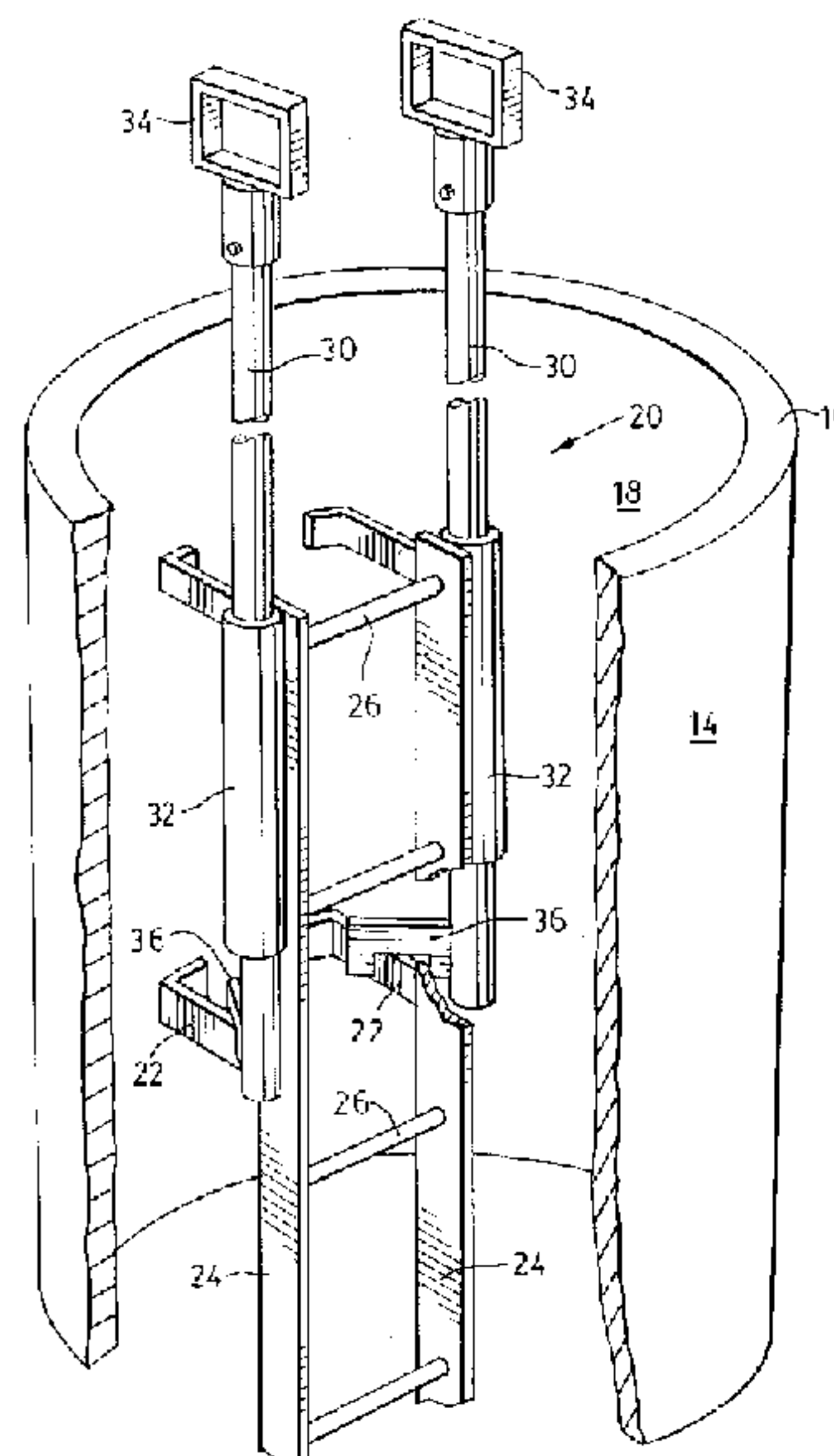
(72) Inventeur/Inventor:
LORENTZ, GARRY, CA

(73) Propriétaire/Owner:
LORENTZ, GARRY, CA

(74) Agent: MALYSZKO, THOMAS E.

(54) Titre : POTEaux DE SECURITE TELESCOPIQUES POUR TROUS D'HOMME

(54) Title: EXTENDIBLE SAFETY POSTS FOR MANHOLE LADDERS



(57) Abrégé/Abstract:

A retractable safety post for facilitating access in and out of a manhole is slidably attached to each side rail of a wall-mounted ladder. Each post slides within a tubular sleeve fixed to the side rail and is selectively movable between a retracted or stowed position to an extended or use position. Each post has at its upper end a cap and handle for ease of grasping during use, and at its lower end a latch member for securing the post in its extended position during use. A wall bracket anchoring the ladder to the manhole serves as a resting support for the latch member and its post when in the extended position. The post is secured in the extended position by merely lifting the post, twisting the post a given amount in a pre-set direction, and lowering the post slightly so that the latch member can engage the wall bracket. In its stowed position, the post rests wholly within the manhole.



ABSTRACT

A retractable safety post for facilitating access in and out of a manhole is slidably attached to each side rail of a wall-mounted ladder. Each post slides within a tubular sleeve fixed to the side rail and is selectively movable between a retracted or stowed position to an extended or use position. Each post has at its upper end a cap and handle for ease of grasping during use, and at its lower end a latch member for securing the post in its extended position during use. A wall bracket anchoring the ladder to the manhole serves as a resting support for the latch member and its post when in the extended position. The post is secured in the extended position by merely lifting the post, twisting the post a given amount in a pre-set direction, and lowering the post slightly so that the latch member can engage the wall bracket. In its stowed position, the post rests wholly within the manhole.

