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(54) Title: CONCEALABLE WINDOW SPRINKLER

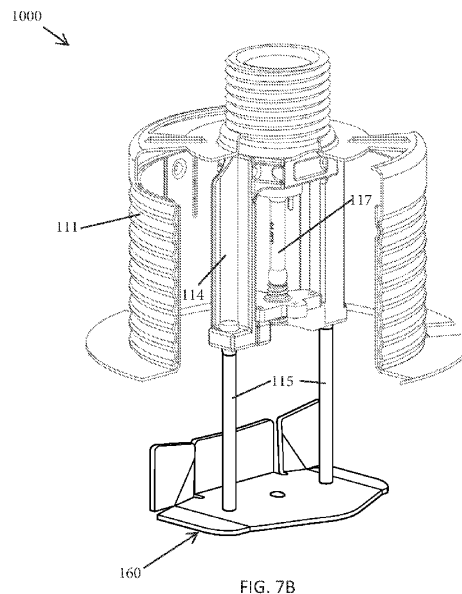


FIG. 7B

(57) Abstract: A concealable sprinkler head includes a frame having a body mountable to a fire suppression liquid source, a pair of frame arms and a pair of corresponding drop pins slidably engaged with a respective frame arm. A thermal trigger is supported within the sprinkler frame. A fluid deflector is secured to the drop pins and includes a generally horizontal surface. The drop pins extend substantially orthogonally from the horizontal surface. An inclined surface of the fluid deflector extends angularly upwardly from the horizontal surface. A concealing cup surrounds the frame arms. A cover plate is attached to the concealing cup, covering the distal end thereof, wherein the drop pins and the deflector are positioned within the concealing cup. The cover plate is removable from the concealing cup permitting the drop pins and the deflector to axially slide out of the concealing cup into an operational position.

[Continued on next page]

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