

## HINGE AND WINDOW USING SAME

### ABSTRACT

A hinge for a window comprises a sliding rail fixed on a frame of the window, a sliding element movably mounted in the sliding rail, a pulling bar fixed on a casement  
5 of the window, a connecting plate, a fixing element mounted on an end of the sliding rail. The pulling bar is driven by the sliding element to move relative to the sliding rail and rotate in a direction to do an angular movement. The pulling bar is connected with the sliding element through the connecting plate. When the window is closed, a first end of the pulling bar is received in the fixing element, the fixing element includes a first  
10 surface, a second surface and a third surface, the first surface and the second surface cooperatively form a first angle, the third surface is a horizontal plane and perpendicular to the first surface or the second surface, the third surface defines a first lug, the sliding rail defines a second lug, the second lug is mounted in the first lug.

FIG. 5

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