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Description:

The safety linkage (SL-1) is invented to reduce body strain of the person that is doing the job of hanging the laundry out of the high-rise building. The body suffers great strain while lifting a wet and fully loaded laundry stick horizontally out of the high-rise building before slotting it into the laundry pipe outside the building wall. The above task will also be dangerous for small-built and inexperienced person to perform as any unbalance of body could lead to a fall out of the building. By adding this safety linkage to the existing laundry pipe, the user can easily use one hand to swing upwards the front end of the safety linkage to a comfortable angle, he/she can now lift the laundry stick at an incline angle (almost upright which greatly reduces body strain) and simply slot the laundry stick into the front end of the safety linkage. He/she needs only a small force to push down the safety linkage together with the laundry stick to its nearly horizontal position for drying. When collecting the laundry stick back into the building, simply reverse the above steps. The safety linkage also eliminates water being trapped in the laundry pipe pre-casted outside the high-rise building hence prevent breeding of mosquitoes.

Note: See attached drawing SL-1 assembly user guide pages 1 & 2

The claim:

The safety linkage comprising of two metal parts (B, D), they support the laundry stick when drying laundry outside the high-rise building. The aft end (B) has two larger brackets (A) welded on it and the front end (D) has two smaller brackets (E) welded on it. The aft end (B) and the front end (D) are linked together by a M12 x 90 mm galvanized bolt/nut assembly (F) with a metal sleeve (H) through brackets A & E to form a pivoting point. The aft end (B) will be held in position by two sets of M10 x 25 mm galvanized bolt/nut assembly (G) with welded handle (C). The front end (D) will be manually pulled upwards against the pivoting point for the insertion/removal of laundry stick. At this position, the load acts on the person doing the work is very much reduced hence minimize body strain.

Note: See attached drawing **Model No.: SL-1 pages 1 & 2**