

Invention relates to construction, specifically to mobile, collapsible, transformable buildings and pavilion-type structures intended for permanent use, as well as for facilitating their transport to other locations.

Claimed folding modular house comprises folding framework (1) to which lower and upper panels (2, 3) are attached, double-leaf folding side panels (4, 5), with leaves (4.1, 4.2) and (5.1, 5.2) that fit tightly together in pairs, as well as front and rear panels (6, 7).

Folding framework (1) comprises lower and upper frames (8, 9), which are formed by lower and upper fittings (35, 36) connected to each other by longitudinal and transverse beams, lower corner and upper stays (10, 11), connected to lower and upper frames (8, 9) by lower and upper corner hinge elements (12, 13), wherein the lower and upper stays (10, 11) are connected to each other by loop hinge joints (14), each of which includes loop (15) with lower and upper plates (17, 18) that rotate about the axis (16) of loop (15), connected to lower and upper struts (10, 11) of lower and upper frames (8, 9) of framework (1), which together ensures the hinged deflection of side folding panels (4, 5) inward during disassembly of folding house or their (4, 5) bending into a vertical position during assembly of folding modular house.

According to the invention, in each hinge joint (14), lower plate (17) of hinge (15) is provided on the outer side with pins (19), ends of which are inserted with the possibility of longitudinal movement into longitudinal slots (20) of lower box-shaped insert (21), fixedly installed at the top inside each lower stay (10) of lower frame (8) of framework (1), and the upper plate (18) of hinge (15) is provided on the outer side with pins (22), ends of which are inserted into openings (23) of box-shaped insert (24) fixed at the bottom inside each upper stay (11) of the upper frame (9) of the framework (1) and is provided with tension spring (25), one end of which is connected to the upper plate (18) of hinge (15), and the other end is connected to the upper box-shaped insert (24).

Technical result: improved operational efficiency of claimed folding modular house.