CLAIMS

1. A pull-up bar for a doorframe, comprising:

a first grip bar that includes a first screw bar having a first thread with a helix formed in a first helix direction on an outer circumferential surface of the first screw bar, a first grasp bar which accommodates the first screw bar in a length direction inside, a first adapter which is coupled to an end portion of the first grasp bar and fixes the first screw bar to the first grasp bar in a cantilever shape, a first fixing pin that is formed as a spring pin having a cylindrical shape with slits formed in a length direction and penetrates and fixes the first adapter and the first screw bar in a diametric direction, a first fixing cap coupled to an outer side of the first adapter and coming into close contact with the doorframe, and a first connection pin that fixes the first fixing cap and the first adapter;

a second grip bar that is disposed to be horizontally symmetrical to the first grip bar and includes a second screw bar having a second thread with a helix formed in a second helix direction opposite to the first helix direction on an outer circumferential surface of the second screw bar, a second grasp bar which accommodates the second screw bar in a length direction inside, a second adapter which is coupled to an end portion of the second grasp bar and fixes the second screw bar to the second grasp bar in a cantilever shape, a second fixing pin that is formed as a spring pin having a cylindrical shape with slits formed in a length direction and penetrates and fixes the second adapter and the second screw bar in a diametric direction, a second fixing cap coupled to an outer side of the second adapter and coming into close contact with the doorframe, and a second connection pin that fixes the second fixing cap and the second adapter; and

a support bar that is interposed between the first grip bar and the second grip bar such that both ends of the support bar are accommodated inside the first grasp bar and the second

grasp bar, respectively, an inner circumferential surface of the support bar on one side which is accommodated in the first grasp bar is coupled to a first nut block to which the first screw bar is screw-coupled, and an inner circumferential surface of the support bar on the other side which is accommodated in the second grasp bar is coupled to a second nut block to which the second screw bar is screw-coupled,

wherein rotation of the support bar causes the first grip bar and the second grip bar to be moved in a length direction of the support bar and come into close contact with or be detached from the doorframe, wherein the first grasp bar and the second grasp bar each have a round bar shape having an equal diameter,

wherein the support bar has a round bar shape having an outer circumferential surfa ce which comes into close contact with inner circumferential surfaces of the first grasp bar an d the second grasp bar,

wherein a length of the support bar exposed between the first grasp bar and the seco nd grasp bar is shorter than a length of each of the first grasp bar and the second grasp bar, an d

wherein the first fixing cap and the second fixing cap have respective caved grooves eccentric to their upper sides into which the first adapter and the second adapter are inserted.

2. The pull-up bar for a doorframe according to claim 1, further comprising:

a handle tube that covers an outer circumferential surface of the support bar at a center and is in close contact with and is fixed to the outer circumferential surface.

3. The pull-up bar for a doorframe according to claim 2,

wherein the handle tube has a length longer than a total length of the support bar exposed outside.

4. The pull-up bar for a doorframe according to claim 3,

wherein the handle tube has an outer diameter larger than outer diameters of the first grasp bar and the second grasp bar.