CLAIMS

1. A fixing device for a lower-stage member which fixes the lower-stage member arranged between a support member and an upper-stage member and provided with a bolt insertion hole to a support member by a bolt, wherein the bolt insertion hole formed in the lower-stage member is formed of a large-diameter portion having a diameter larger than a diameter of a bolt head portion and a small-diameter portion which is contiguously formed with the large-diameter portion below the large-diameter portion by way of a stepped portion and has an intermediate diameter between the diameter of the bolt head portion and a diameter of a bolt shaft portion, a cylindrical spacer which has an inner diameter larger than the diameter of the bolt shaft portion and has a lower end thereof received by the support member and an upper end thereof disposed in the inside of the large-diameter portion is fitted into the small-diameter portion of the bolt insertion hole, and an elastic member which biases the lower-stage member toward the support member is interposed between the bolt head portion and the stepped portion so that a desired lower-stage member can be moved upwardly against an elastic force of the elastic member, wherein

a cutout which allows the elastic member to be elastically deformed by bending when a force in the vertical direction is applied to the elastic member is formed at at least one place among an outer peripheral surface, an inner peripheral surface, an upper surface and a lower surface of the elastic member,

wherein a cross-sectional shape of the elastic member before the cutout is formed is an octagonal shape which is

formed by cutting four corners of a rectangular shape elongated in the vertical direction, so that the elastic member can be further elastically deformed by bending from a state where a gap between the upper-stage member and the lower-stage member is eliminated.

2. The fixing device for a lower-stage member according to claim 1, wherein the elastic member is formed of an annular body made of rubber or a synthetic resin.

3. The fixing device for a lower-stage member according to claim 1 or 2, wherein the elastic member is arranged between a lower surface of a flange mounted on an upper end portion of the spacer and a stepped portion.

~~4. The fixing device for a lower-stage member according to any one of claims 1 to 3, wherein a cross-sectional shape of the elastic member before the cutout is formed is an octagonal shape which is formed by cutting four corners of a rectangular shape elongated in the vertical direction.~~

4~~5~~. The fixing device for a lower-stage member according to any one of claims 1 to 3~~4~~, wherein the cutout is formed on an upper portion and a lower portion of either an inner peripheral surface or an outer peripheral surface of the elastic member respectively.

5~~6~~. The fixing device for a lower-stage member according to any one of claims 1 to 3~~4~~, wherein the cutout is formed on a vertical center portion of the inner peripheral surface and a vertical center portion of the outer peripheral surface of the elastic member respectively.

67. The fixing device for a lower-stage member according to any one of claims 1 to 34, wherein the cutout is formed on a vertical center portion of either the inner peripheral surface or the outer peripheral surface of the elastic member.

78. The fixing device for a lower-stage member according to any one of claims 1 to 34, wherein the cutout is formed on an upper portion, a lower portion and a center portion of either the inner peripheral surface or the outer peripheral surface of the elastic member.

89. The fixing device for a lower-stage member according to any one of claims 1 to 34, wherein the cutout is formed on a vertical center portion of the inner peripheral surface of the elastic member, a vertical center portion of the outer peripheral surface of the elastic member, a center portion of an upper surface of the elastic member, and a center portion of a lower surface of the elastic member.

910. A fluid control device comprising: a plurality of block joints in each of which a fluid path opening upward is formed; a plurality of fluid control units in each of which a fluid path communicated with the fluid path of the block joint and opening downward is formed; a plurality of seal portions which are interposed on abutting surfaces between the fluid paths of the block joints and the fluid paths of the fluid control units; a support member for supporting the plurality of block joints; a plurality of bolts for mounting the respective block joints to the support member; and a plurality of bolts for mounting the respective fluid control units to the block joints, wherein the block joint constitutes a lower-stage member, and the block joint is mounted on the support

member by any one of the above-mentioned fixing devices for a lower-stage member described in claims 1 to 8~~9~~.