a second pair of levers disposed symmetrically about the first axis of the movable stage, the second pair of levers configured to transmit at least one force;

wherein the first and the second pairs of levers are disposed symmetrically about the second axis of the movable stage.

3. The positioning device of claim **2**, wherein:

each lever of the second pair of levers being pivotally attached to the movable stage and to the support member.

4. The positioning device of claim **3**, wherein:

a first one of the first pair of levers is pivotally attached to the movable stage by a first flexure and to the support member by a second flexure;

a second one of the first pair of levers is pivotly attached to the movable stage by a third flexure and to the support member by a fourth flexure;

a first one of the second pair of levers is pivotly attached to the movable stage by a fifth flexure and to the support member by a sixth flexure; and

a second one of the second pair of levers is pivotly attached to the movable stage by a seventh flexure and to the support member by a eighth flexure.

5. The positioning device of claim **4**, wherein:

the first and the third flexures are disposed symmetrically about the second axis of the movable stage with the fifth and seventh flexures;

the second and fourth flexures are disposed symmetrically about the second axis of the movable stage with the sixth and eighth flexures;

the first and the fifth flexures are disposed symmetrically about the first axis of the movable stage with the third and seventh flexures; and

the second and the sixth flexures are disposed symmetrically about the first axis of the movable stage with the fourth and eighth flexures.

6. The positioning device of claim **4**, wherein:

the support member, the movable stage, the first and the second pairs of levers, and the first, the second, the third, the fourth, the fifth, the sixth, the seventh, and the eighth flexures are monolithic; and

the movable stage is a micro-positioning movable stage.

7. The positioning device of claim **2**, wherein each of the first and the second pairs of levers include a cantilever.

8. The positioning device of claim **1**, further comprising:

at least one stop member configured to limit movement of the movable stage.

9. The positioning device of claim **8**, wherein:

the stop member includes a slot and a rod inserted into the slot;

the pair of levers are disposed between the support member and the movable stage forming a gap between each of the levers and the support member; and

the slot is formed in the support member such that a portion of the inserted rod extends into the gap.

10. The positioning device of claim **8**, wherein a stop member comprises:

a slot formed into the movable stage; and

a rod inserted into the slot such that a portion of the rod extends into a gap between the movable stage and one of the pair of levers.

11. The positioning device of claim **1**, wherein:

a first lever of the first pair of levers is one of a nested pair of levers; and

a second lever of the first pair of levers is one of a nested pair of levers.

12. The positioning device of claim **1**, wherein the pair of levers is a first pair of levers, further comprising:

a second pair of levers disposed symmetric about the second axis of the movable stage and on one side of and parallel to the first axis, the second pair of levers configured to transmit at least one force.

13. The positioning device of claim **12**, further comprising:

a third pair of levers disposed symmetric about the first axis of the movable stage, the third pair of levers configured to transmit at least one force; and

a fourth pair of levers disposed symmetric about the second axis of the movable stage, the fourth pair of levers configured to transmit at least one force;

wherein the first pair of levers are symmetric to the third pair of levers about the second axis of the movable stage, and the second pair of levers are symmetric to the fourth pair of levers about the first axis of the movable stage.

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