What is claimed is:

1. A device for a microscope stage, comprising:

a moving stage block; ~~and~~

a base block that guides the moving stage block, wherein the base block includes:

a first block being substantially flat; and

a second block having a triangular shape, wherein the first block and the second block guide the moving stage block in a translational direction; and

a plurality of button elements disposed on the moving stage block and that contact the first block and the second block, wherein the button elements permit motion of the moving stage block in only the translational direction,

wherein positions of the plurality of button elements on the moving stage block form a triangle, and

wherein the moving stage block is shaped to have a center of gravity at a centroid of the triangle formed by the positions of the plurality of button elements.

2. The device according to claim 1, wherein the first block and the second block are supported on raised bosses on a base plate.

3. The device according to claim 1 or 2, wherein the first block and the second block are made of glass.

~~4. The device according to claim 1, further comprising:~~

~~a plurality of button elements disposed on the moving stage block and that contact the first block and the second block, wherein the button elements permit motion of the moving stage block in only the translational direction.~~

~~5~~4. The device according to any one of claims ~~4~~1 to 3, wherein the button elements are spherically shaped and made of thermoplastic.

~~6~~5. The device according to any one of claims ~~4~~1 to 4, wherein at least two of the plurality of button elements are arranged to face each other on each side of the triangular shape of the second block, and wherein at least one button of the plurality of button elements contacts the first block

on a flat face thereof.

~~7. The device according to claim 4, wherein positions of the plurality of button elements on the moving stage block form a triangle.~~

~~8~~6. The device according to any one of claim~~s 7~~1 to 5, wherein each of the plurality of button elements bears equal weight during stage motion.

~~9. The device according to claim 7, wherein the moving stage block is shaped to have a center of gravity at a centroid of the triangle formed by the positions of the plurality of button elements.~~

~~10~~7. The device according to any one of claims 1 to 6, further comprising:

a cantilever arm assembly; and

a flexural element having a first end rigidly coupled to the cantilever assembly and a second end coupled to a center of mass location on the moving stage block.

~~11~~8. The device according to claim ~~10~~7, wherein the cantilever arm assembly includes a cantilever arm coupled to a bearing block which runs via a recirculating bearing design on a rail.

~~12~~9. The device according to claim ~~11~~8, wherein driving of the bearing block on the rail causes the flexural element to apply a force to the moving stage block.

~~13~~10. The device according to claim ~~12~~9, wherein bending stiffness of the flexural element isolates the moving stage block from up and down motions of the cantilever arm assembly.

~~14~~11. The device according to any one of claims 1 to 10, wherein the base block forms another moving stage in a direction perpendicular to the translational direction of the moving stage block.

~~15~~12. The device according to any one of claims 1 to 11, wherein repeatability in motion is provided on the order of 150 nanometers.

~~16. A device for slide scanning, comprising:~~

~~a rotatable tray;~~

~~at least one recess disposed in the rotatable tray, wherein the at least one recess is sized to receive a slide, and wherein the at least one recess stabilizes the slide in a scanning position as a result of rotation of the rotatable tray.~~

~~17. The device according to claim 16, wherein the at least one recess includes a plurality of protrusions that stabilize the slide.~~

~~18. The device according to claim 16, wherein the at least one recess includes a plurality of recesses disposed on a circumferential ring of the rotatable tray.~~

~~19. The device according to claim 16, further comprising:~~

~~an imaging system, wherein at least one component of the imaging system moves in a radial direction of the rotatable tray.~~

~~20. The device according to claim 19, wherein the at least one component of the imaging system moves incrementally in the radial direction corresponding to one complete rotation of the rotatable tray.~~

~~21. The device according to claim 16, wherein the at least one recess is sized to receive a slide having a length that is greater than a width of the slide, and wherein the length of the slide is oriented in a radial direction of the rotatable tray.~~

~~22. The device according to claim 16, wherein the at least one recess is sized to receive a slide having a length that is greater than a width of the slide, and wherein the width of the slide is oriented in a radial direction of the rotatable tray.~~

~~23. A method for scanning a slide, comprising:~~

~~disposing the slide in at least one recess of a rotatable tray;~~

~~rotating the rotatable tray wherein the at least one recess is sized to receive a slide, and wherein the at least one recess stabilizes the slide in a scanning position as a result of rotation of the rotatable tray.~~

~~24. The method according to claim 23, wherein the at least one recess includes a plurality of protrusions that stabilize the slide.~~

~~25. The method according to claim 23, wherein the at least one recess includes a plurality of recesses disposed on a circumferential ring of the rotatable tray.~~

~~26. The method according to claim 23, further comprising:~~

~~providing an imaging system; and~~

~~moving at least one component of the imaging system in a radial direction of the rotatable tray.~~

~~27. The method according to claim 26, wherein the at least one component of the imaging system is moved incrementally in the radial direction corresponding to one complete rotation of the rotatable tray.~~

~~28. The method according to claim 23, wherein the at least one recess is sized to receive a slide having a length that is greater than a width of the slide, and wherein the length of the slide is oriented in a radial direction of the rotatable tray.~~

~~29. The method according to claim 23, wherein the at least one recess is sized to receive a slide having a length that is greater than a width of the slide, and wherein the width of the slide is oriented in a radial direction of the rotatable tray.~~