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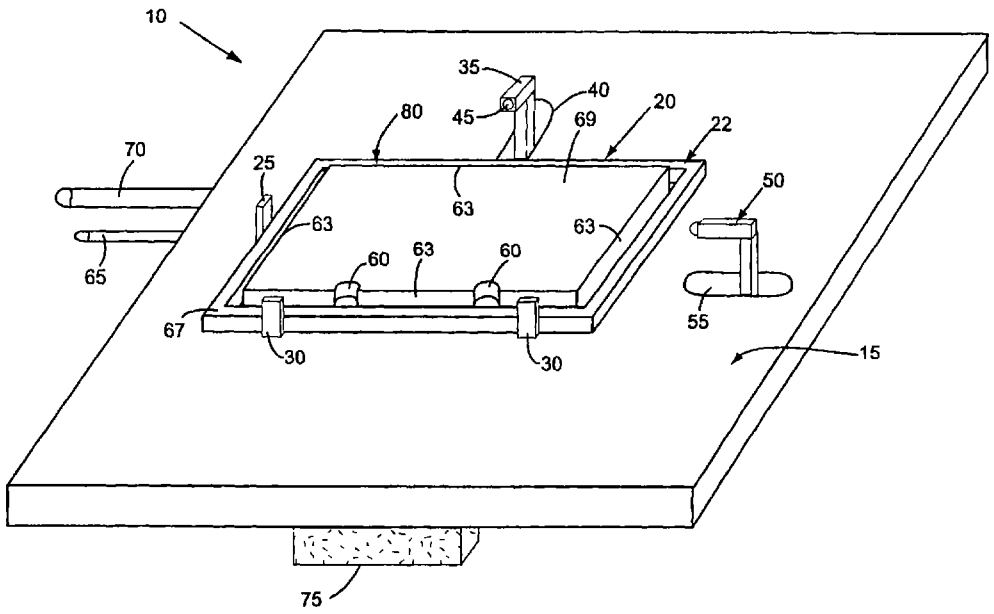
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(54) Title: AUTOMATED PRECISION OBJECT HOLDER



(57) Abstract: This invention provides an object holder for precisely positioning an object such as a microtiter plate (82) on a support fixture. The object holders can also include a retaining device (20) on a support fixture for receiving an object. In use, the object is generally positioned on the fixture relative to alignment surfaces (25, 30) of the object. Pushers (35, 50) then precisely position the object in a desired location The invention also provides integrate systems that coordinate the actions of different components of the object holders. For example, once an object is in a desired position, a controller (105) can activate a retaining device(20) to retain the object in the object holder in the desired orientation.

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