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SECURING SYSTEM FOR CENTRIFUGE CHAMBER

ABSTRACT

An improved apparatus for automatically retaining a removable chamber during operation, in a system for separating and irradiating multi-component fluids. A clamp arm that having two ends is provided: the first acts as a securing means, the second contains the clamp arm center of mass. The clamp arm is pivoted on the rotating chuck near the interface of the rotating chuck interior and the removable chamber exterior. The pivot allows for rotation of the clamp arm about the pivot, the pivot being located between the first end with the securing means and the second end containing the center of mass. When the chuck is rotating, the end of the clamp arm containing the center of mass rotates outward, causing the clamp arm securing means to pivot above the removable chamber thereby securing it in place.

(FIGURE 2)