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Abstract of the Disclosure

A disc fixing apparatus and associated methodology for fixing a data storage disc in rotation with the hub of a motor that is rotatable around a motor axis of rotation. The disc fixing apparatus comprises a clamp engaging the hub and comprising a reference surface associated with the clamp axis of rotation. A fastener comprising a registration feature cooperates with the reference surface, registering the clamp with the fastener. The fastener is attached to the motor hub fixing the disc and hub in rotation and registering the clamp to the motor axis of rotation. An associated method is provided for fixing a disc in balanced rotation with a rotatable hub of a motor around a motor axis of rotation. The method comprises providing the clamp member comprising the reference surface associated with the clamp axis of rotation; registering the clamp member with the longitudinal axis of the fastener; aligning the fastener and clamp together with the hub; and attaching the fastener to the hub so as to register the clamp member with the motor axis of rotation.

Figure 2