UNIVERSAL SMART MERGE/DEMERGE TOOL

ABSTRACT OF THE DISCLOSURE

An apparatus for assembling a disc storage system includes a base having a number of subassemblies. A disc pack subassembly is mounted on the base and is configured to support a disc pack and an actuator subassembly is mounted on the base and is configured to support an actuator assembly. A drive mechanism merges the disc pack subassembly together with the actuator subassembly whereby transducer heads in the actuator subassembly are positioned on disc surfaces of the disc pack. At least one of the subassemblies is releasably mounted to the base and the subassembly can be replaced for assembly differing disc storage systems or upon failure of the subassembly.

FIG. 2