

Abstract**METHOD OF MANUFACTURING A PRINTHEAD ASSEMBLY**

A method of making an inkjet printhead assembly with a chassis, at least one ink reservoir, a MEMS printhead chip with wafer scale nozzles and ejection actuators, and a plurality of intermediate members defining a fluid path between the or each reservoir and the printhead chip. The printhead chip is fabricated using CMOS lithographic etching and deposition techniques. The number and production method of other components of the assembly are chosen to maximize cost effectiveness without compromising the functional requirements. By providing parts of the assembly as separate components with specific functions, each component is produced with the minimum required precision. The use of expensive fabricating techniques with extremely fine tolerances is minimized and the choice of material for each components is broadened.

Figure 5