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(54) Title: PRINthead ASSEMBLY FOR A 3D BIOPRINTER

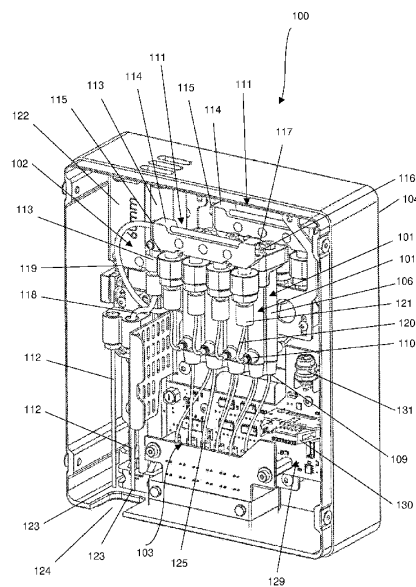


Figure 2

(57) Abstract: A printhead assembly (100) suitable for a 3D bioprinter, the printhead assembly (100) comprising at least one reservoir (106); a sample loading system (102) in fluid communication with the at least one reservoir (106); the sample loading system (102) configured to direct fluid into the at least one reservoir (106); and a dispensing system (103) having at least one dispensing outlet (126), the at least one dispensing outlet (126) in fluid communication with the at least one reservoir (106) and configured to dispense fluid from the at least one reservoir (106).

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