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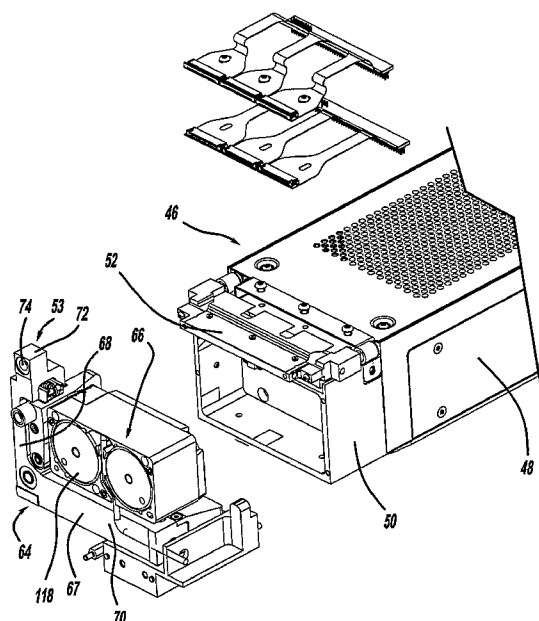
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(54) Title: DYNAMIC PRINTHEAD ALIGNMENT ASSEMBLY



(57) Abstract: According to the present disclosure, a printer apparatus (10) may include a chuck (16) configured to support a substrate (18) thereon, a rail (24, 26) spaced apart from the chuck, a print head carriage frame (14) coupled to the rail (24, 26), and a print head carriage (15) coupled to the print head carriage frame (14). The print head carriage (15) may include a print head (46) and an actuation mechanism (64). The actuation assembly (64) may be coupled to the print head carriage (15) and may be selectively engagable with the print head (46) for selectively displacement of the print head (46) relative to the print head carriage (15).

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