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Silverbrook et al.

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(54) **FOUR COLOR MODULAR PRINthead SYSTEM**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(22) Filed: **Oct. 20, 2000**

(30) **Foreign Application Priority Data**

Dec. 9, 1999 (AU) PQ 4559

(51) **Int. Cl.⁷** **B41J 2/155**

(52) **U.S. Cl.** **347/42; 347/13**

(58) **Field of Search** 347/13, 42, 12, 347/40, 43, 49, 66

(56) **References Cited**

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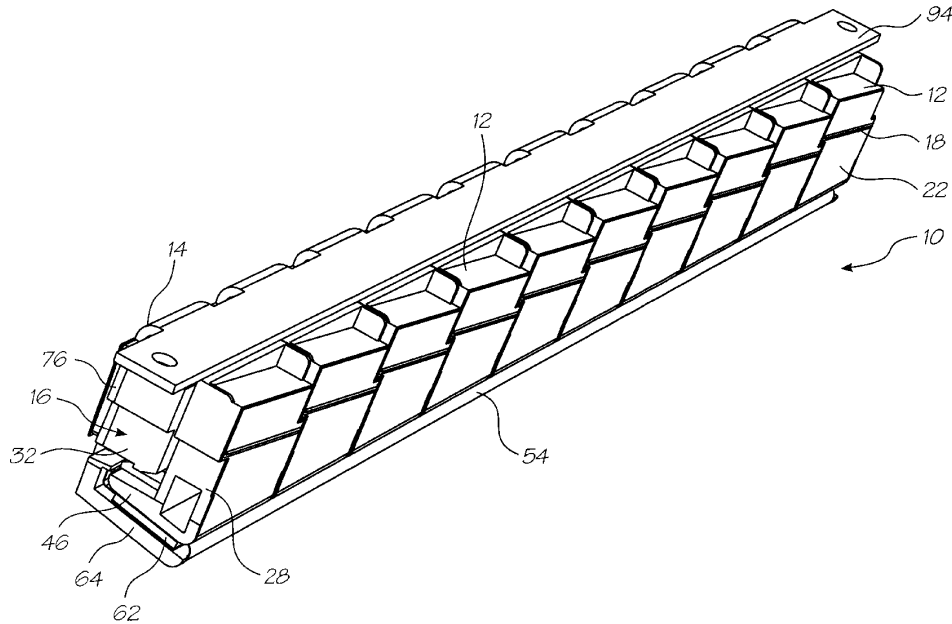
* cited by examiner

Primary Examiner—Lamson D. Nguyen

(57) **ABSTRACT**

A printhead system includes a plurality of printhead assemblies aligned in end-to-end relationship. Each printhead assembly includes a plurality of printhead modules, the printhead modules being arranged in end-to-end relationship and being angled with respect to a longitudinal axis of the assembly such that printhead chips of adjacent modules overlap in a direction transversely to a direction of movement of print media past the assemblies.

9 Claims, 15 Drawing Sheets



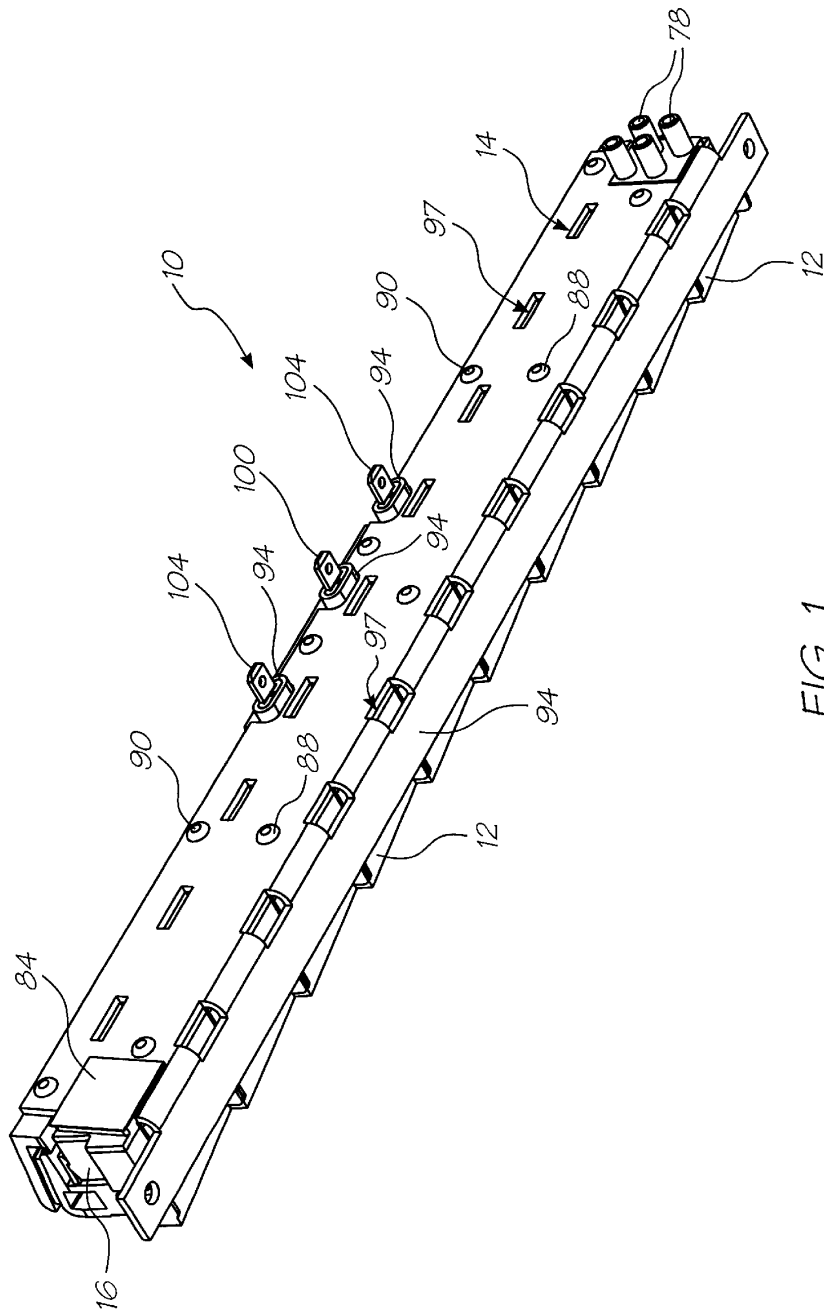


FIG. 1

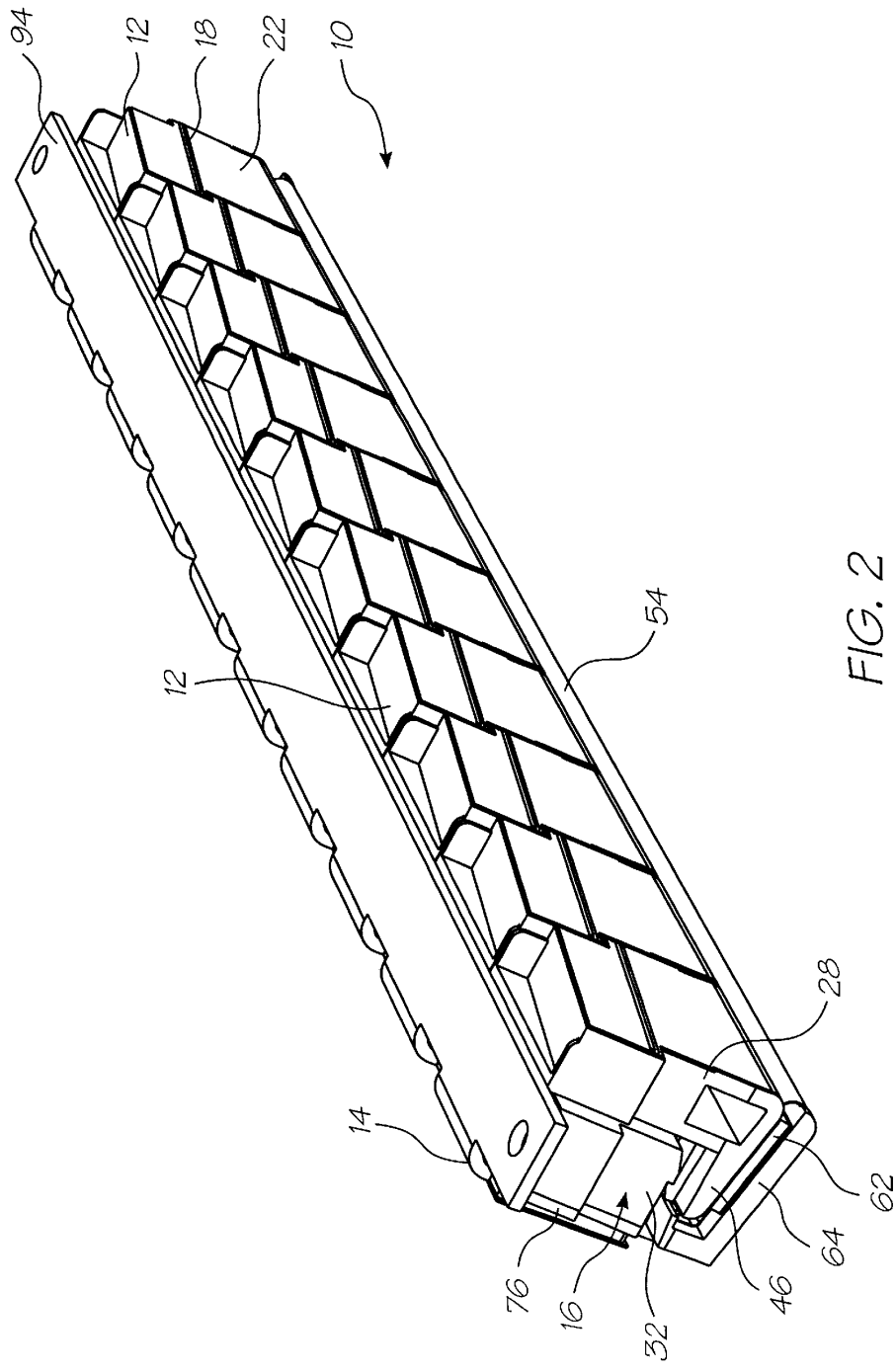


FIG. 2

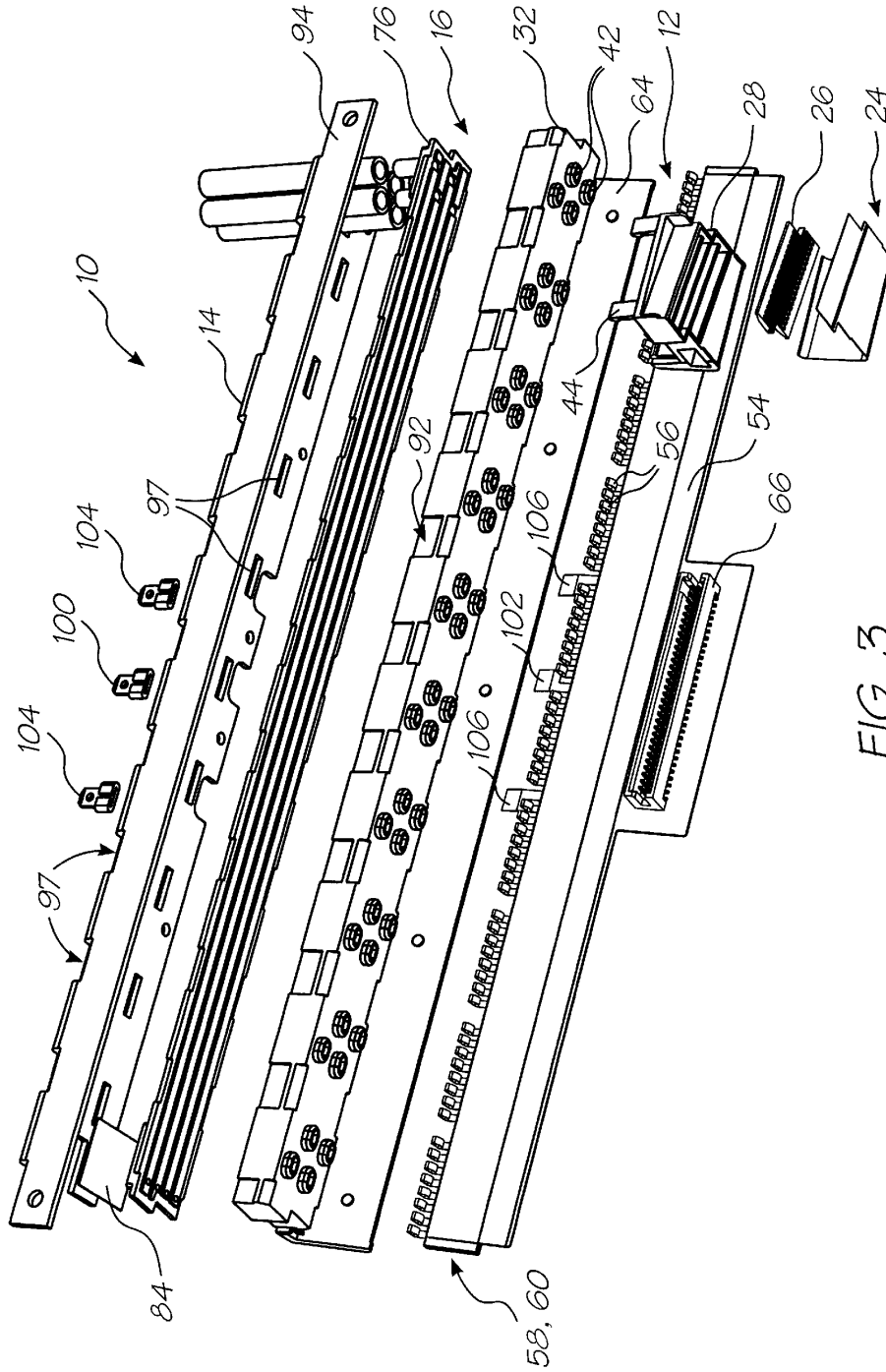


FIG. 3

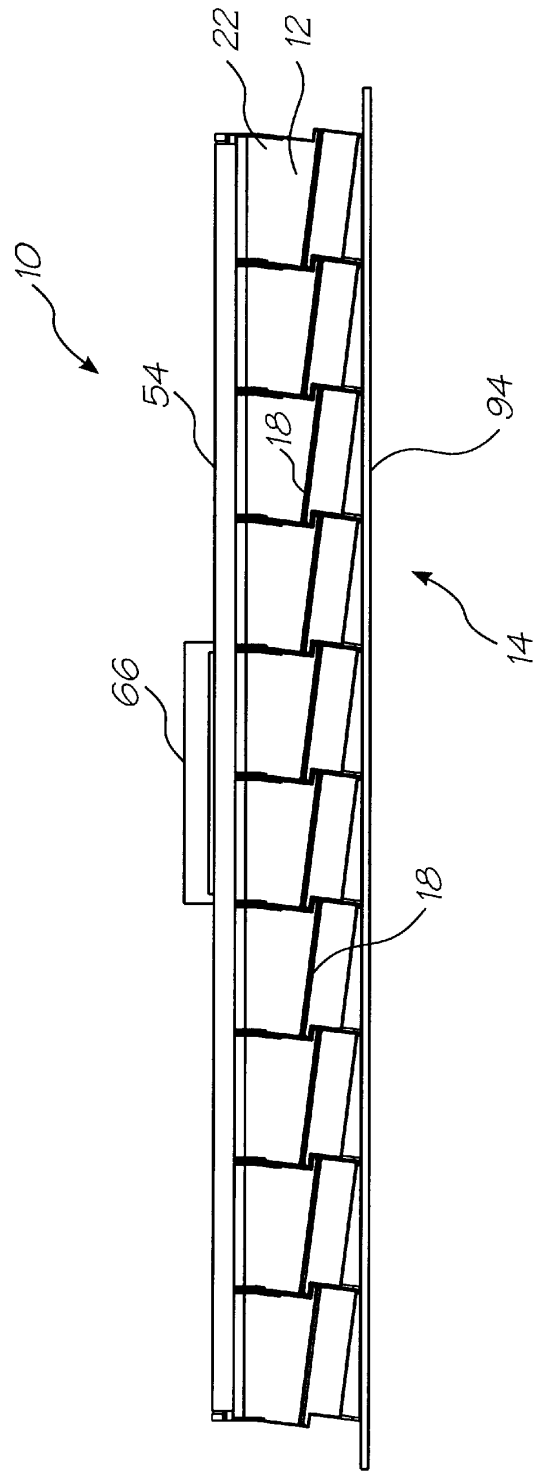


FIG. 4

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