

United States Patent [19]
Matsufuji et al.

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[45] **Date of Patent:** Oct. 16, 1984

[54] **INK JET RECORDING APPARATUS**
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[30] **Foreign Application Priority Data**
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Dec. 27, 1980 [JP] Japan 55-188870
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[51] **Int. Cl.³** G01D 15/18
[52] **U.S. Cl.** 346/140 R; 346/75
[58] **Field of Search** 346/75, 140 IJ, 140 PD

[56] **References Cited**
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Attorney, Agent, or Firm—Fitzpatrick, Cella, Harper & Scinto

[57] **ABSTRACT**
Ink jet recording apparatus having a full line multi-array orifice type ink jet head to perform the recording operation at its predetermined position, an ink storing tank to store ink for feeding to the ink jet head, and a common supporting member, on which the ink jet head and the ink storing tank are communicatively connected to each other in a manner not to cause relative positional displacement between them.

9 Claims, 8 Drawing Figures

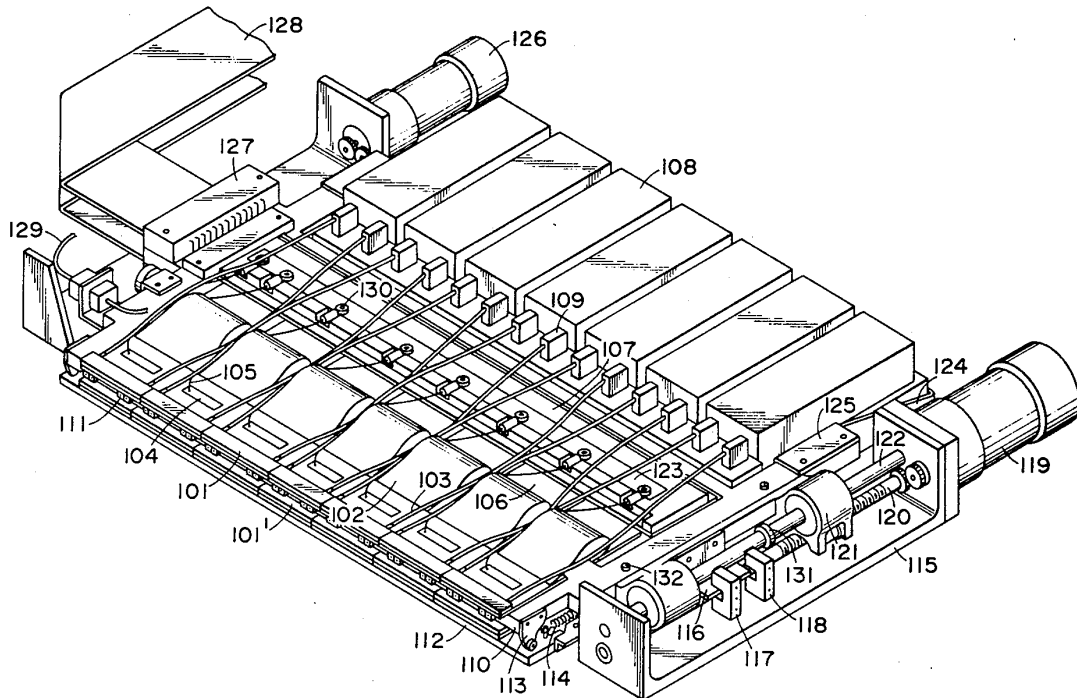
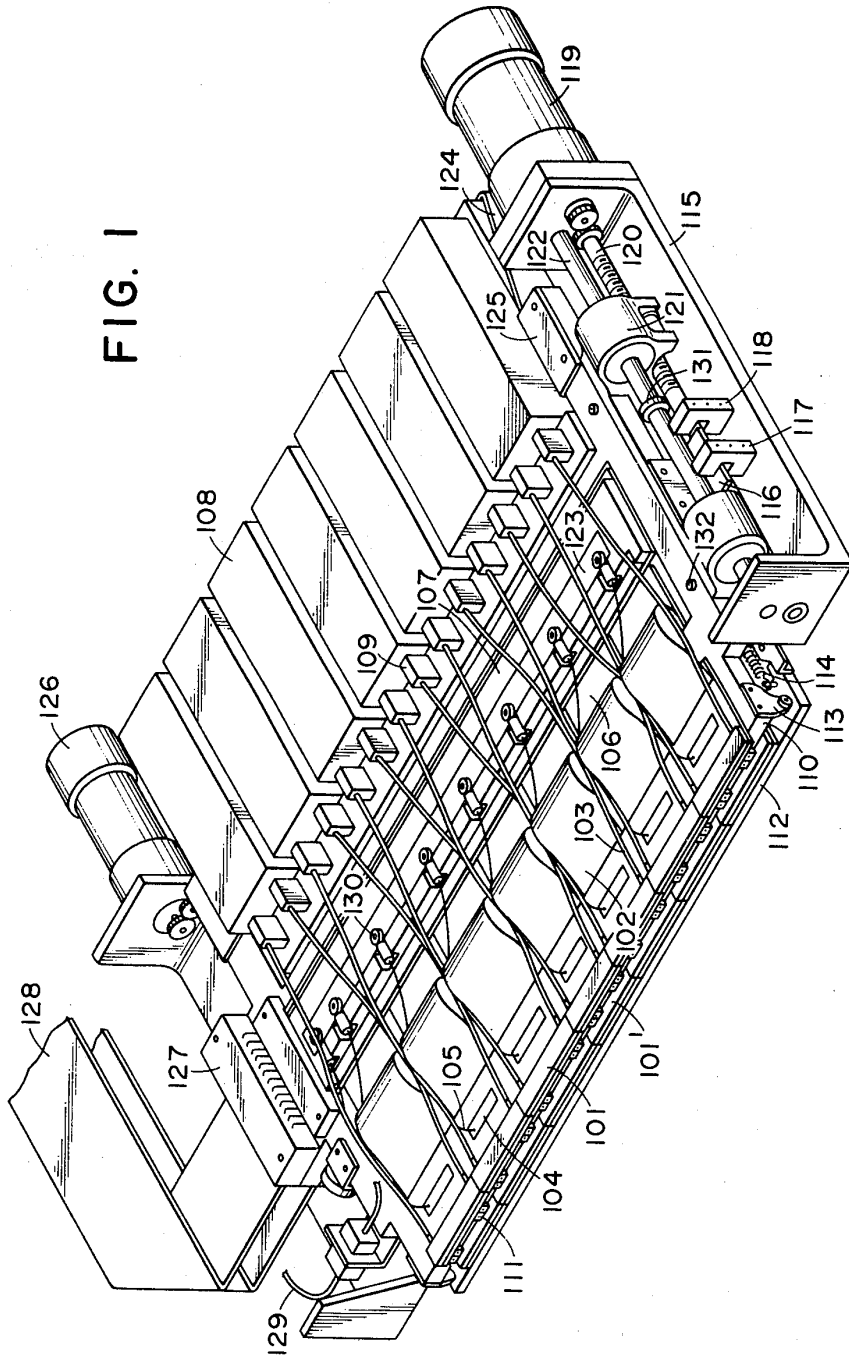


FIG. 1



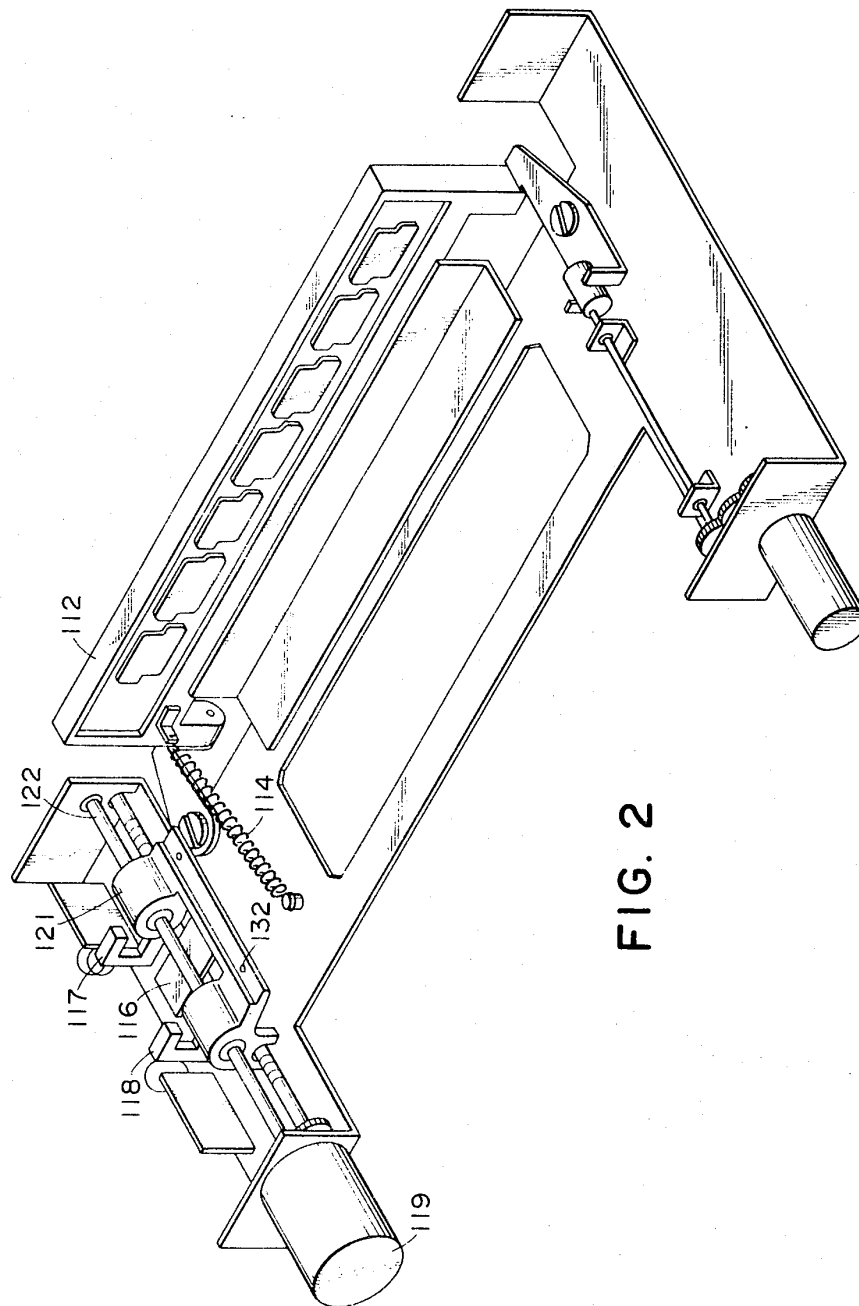


FIG. 2

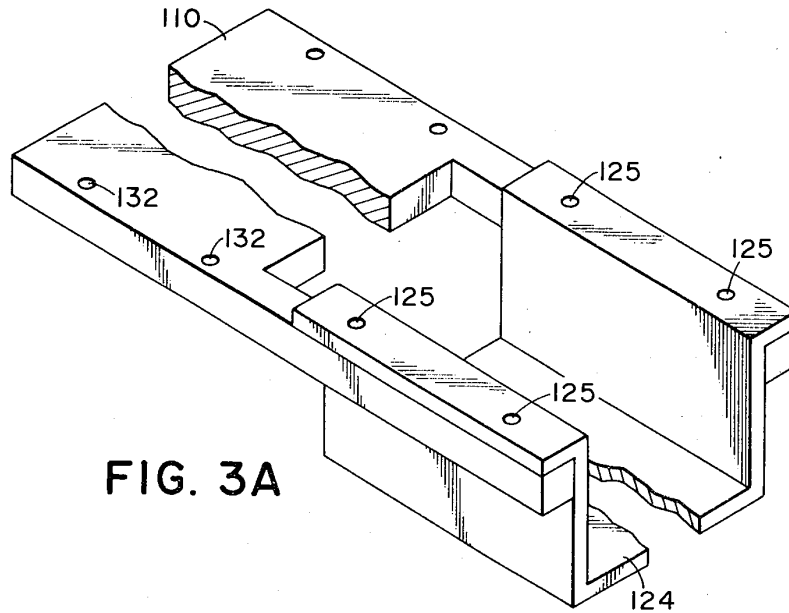


FIG. 3A

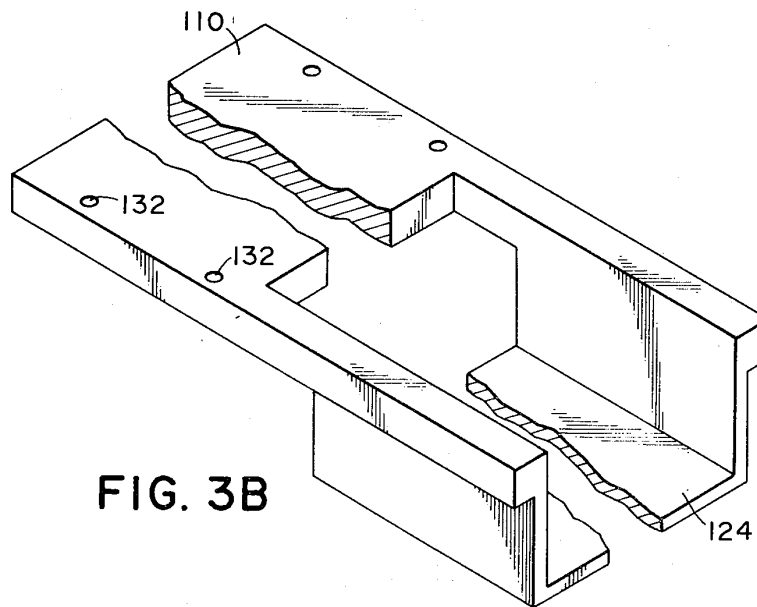


FIG. 3B

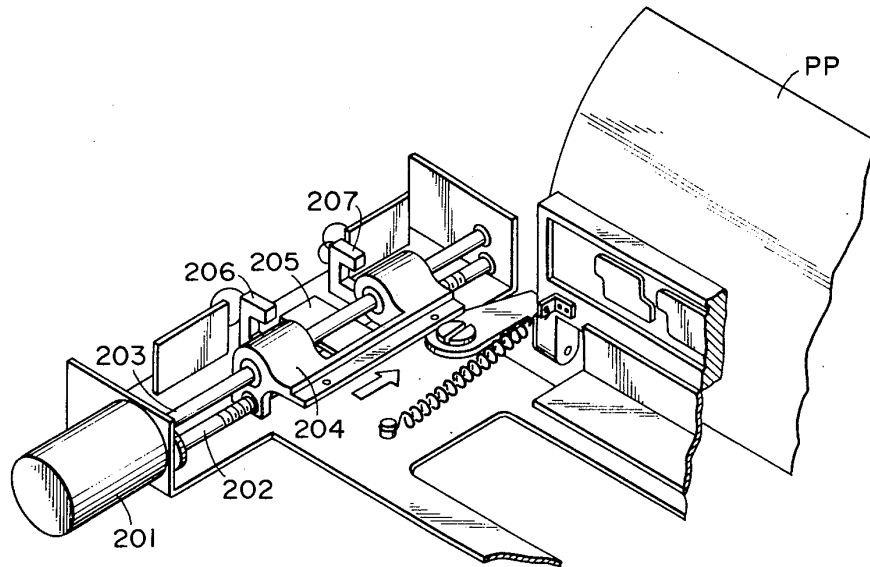


FIG. 4

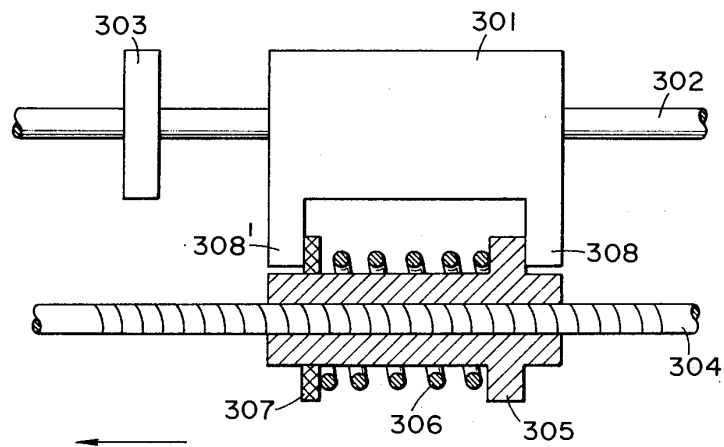


FIG. 5

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