

[54] FELT TAB FEEDER FOR NAILING GUN

Attorney, Agent, or Firm—Siemens Patent Services

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[57] **ABSTRACT**

[21] Appl. No.: **09/184,943**

Automatic feeding apparatus for feeding a coil of felt tabs connected in head to tail relation to a nailing or stapling gun. The feeder places one tab beneath the gun in the path of the next nail or staple to be driven by the gun such that operating the gun causes a felt tab to be installed simultaneously with the driven nail or staple. The feeding apparatus includes a clip for storing a coil of tabs, a tractor drive for advancing the coil one tab at a time when the gun is operated, and a motor for operating the tractor drive. The clip has a removable cover and an axle about which the coil of tabs rotates as it is paid out. The tractor drive has an endless belt from which fingers project to engage the tabs. Power is the same as that employed by the gun. The feeding apparatus may be integral with the gun or may have structure enabling ready attachment to the gun.

[22] Filed: **Nov. 3, 1998**

[51] **Int. Cl.**⁷ **B65H 5/28**

[52] **U.S. Cl.** **221/71; 221/77; 411/162**

[58] **Field of Search** 221/25, 26-69, 221/71, 73, 77, 79, 30, 106, 253, 277; 411/162, 147, 149; 227/107

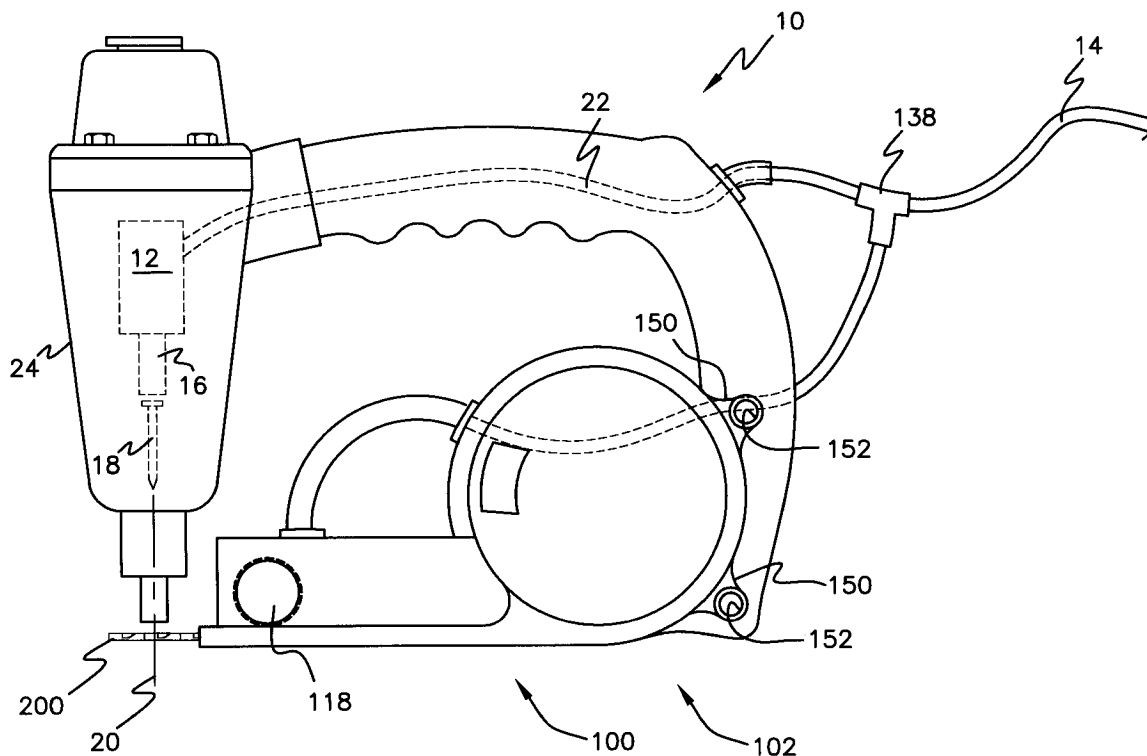
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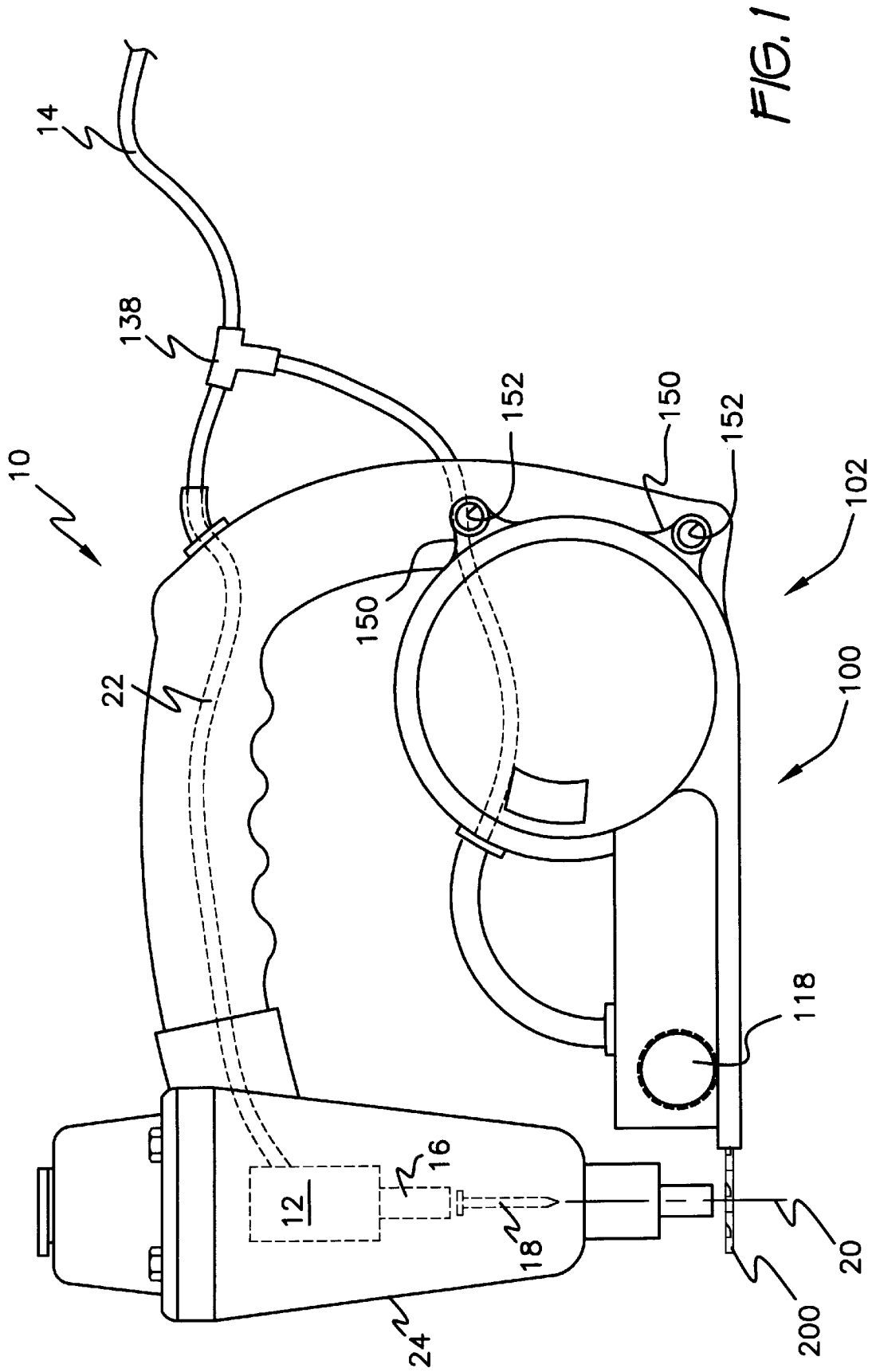
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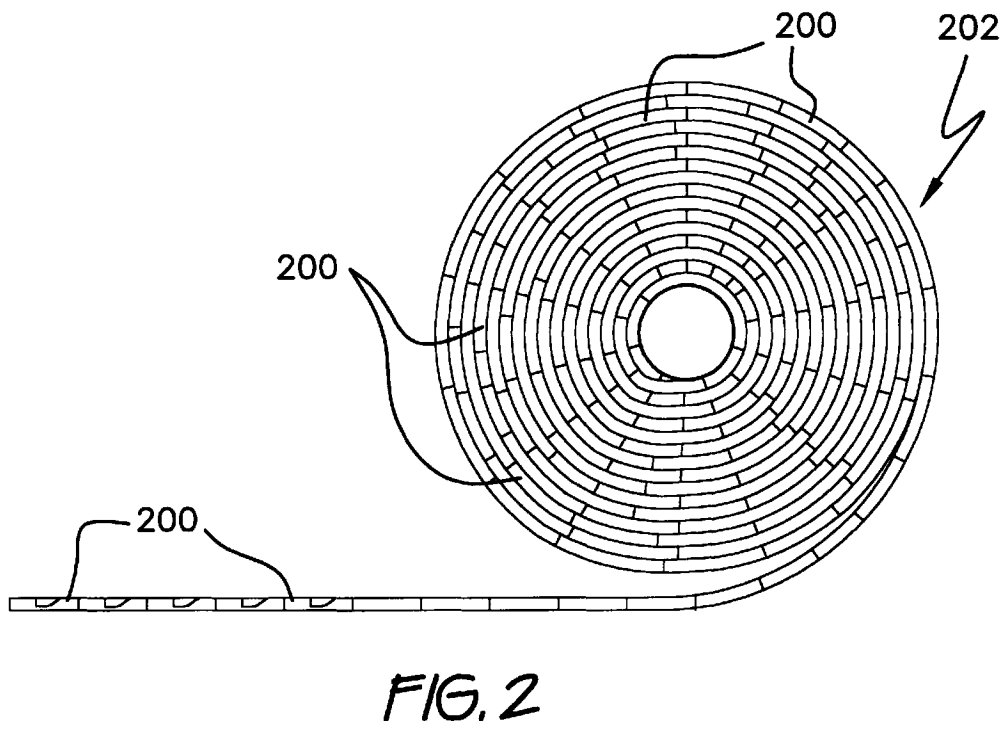
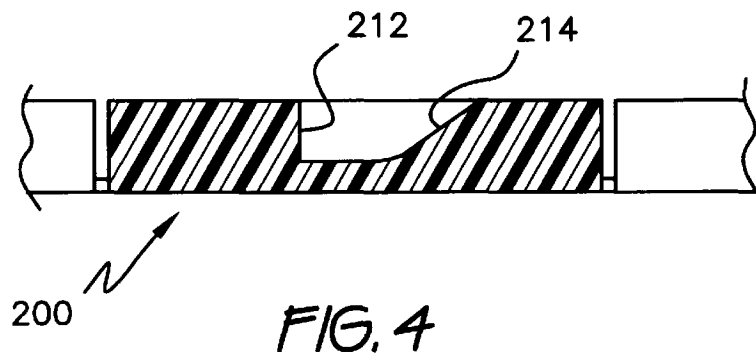
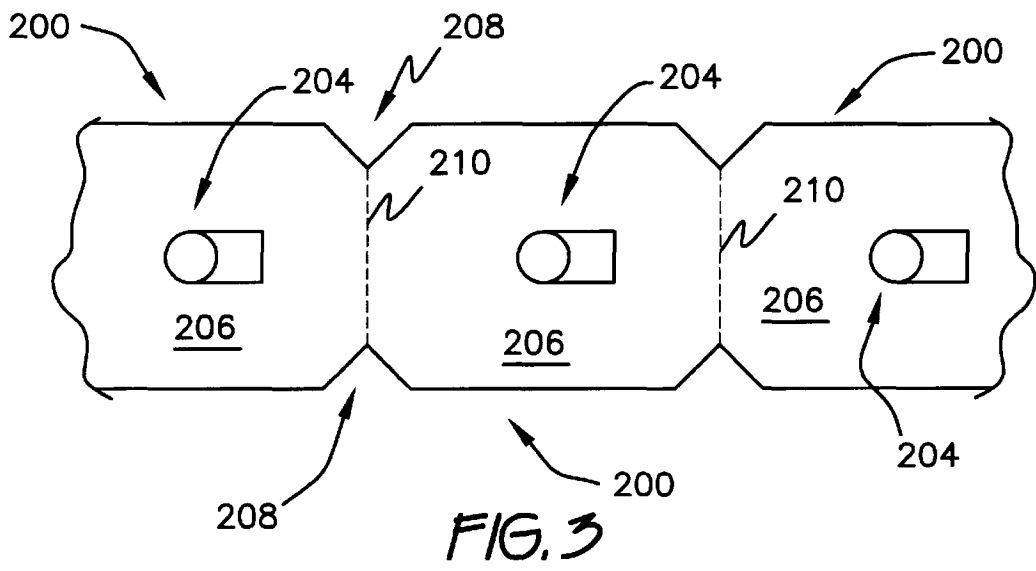
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Primary Examiner—Kenneth W. Noland

17 Claims, 7 Drawing Sheets







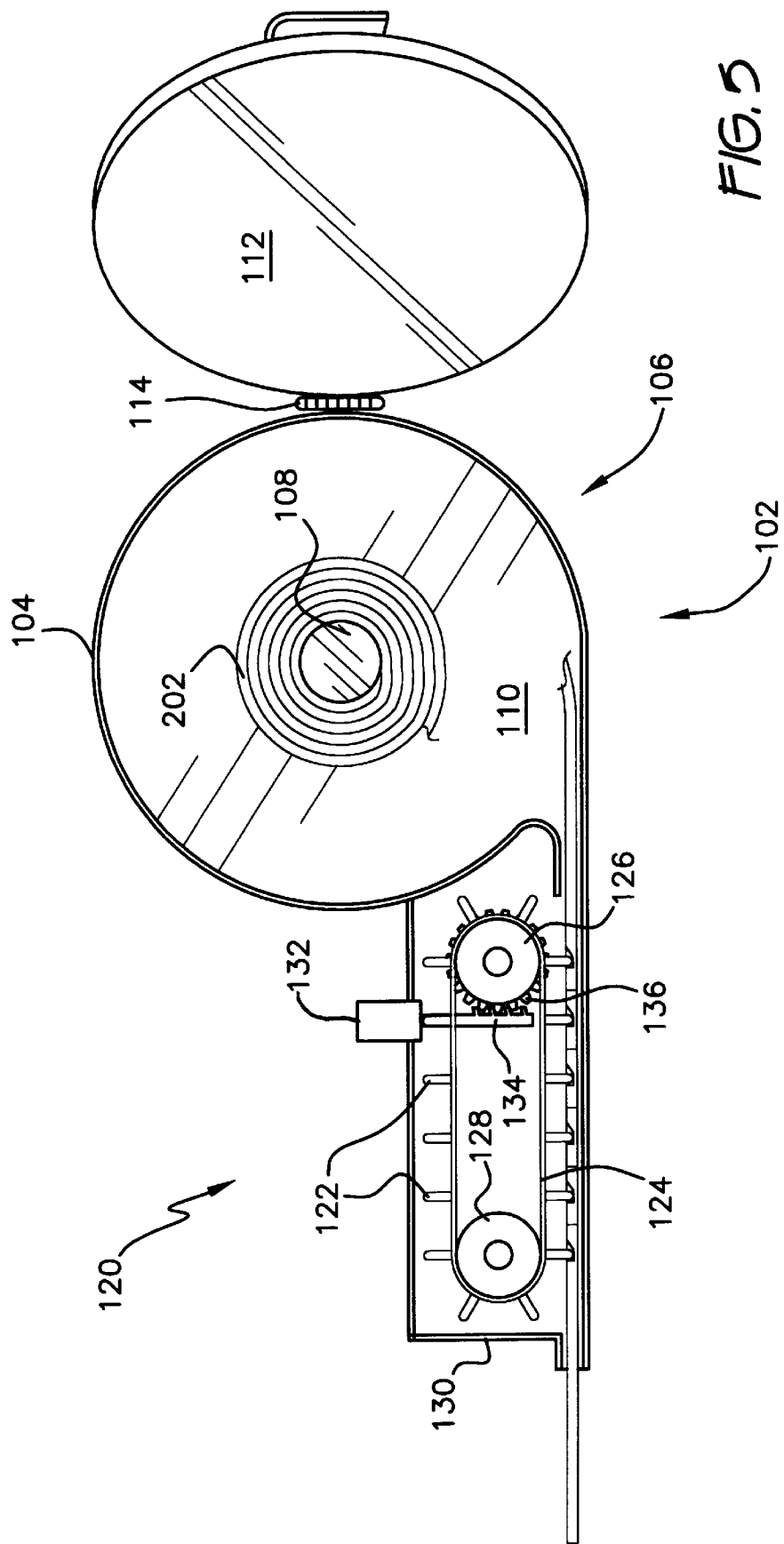


FIG. 5

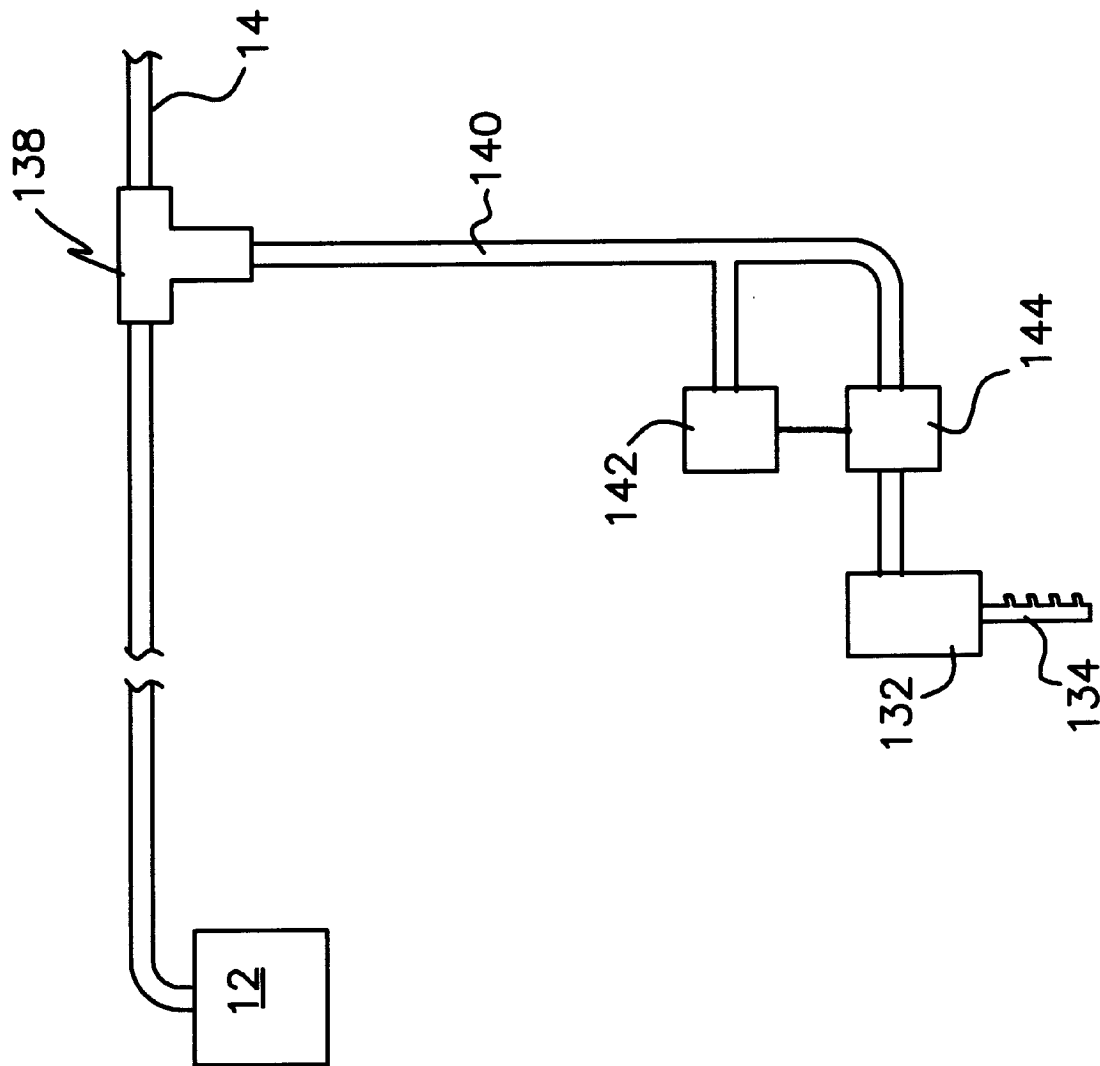


FIG. 6

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