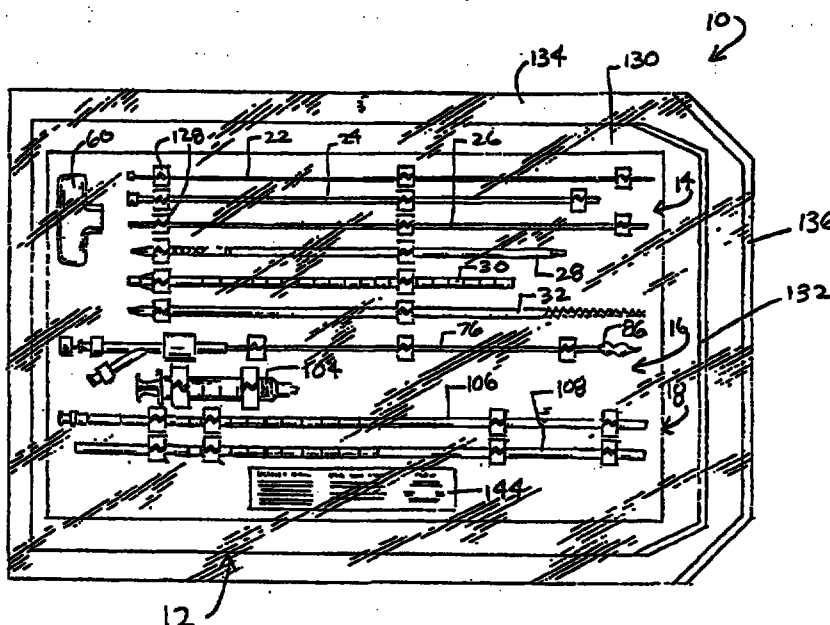




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(54) Title: **SYSTEMS AND METHODS FOR PLACING MATERIALS INTO BONE**



(57) Abstract

This invention is systems (10), and methods for delivering material into bone to deploy a cannula (30) through soft tissue to establish a subcutaneous path into bone. A material is introduced through the cannula (30). The system (10), and methods advance a tamping instrument (108) through the cannula (30) to urge material residing in the cannula into bone. The introducing step delivers material at a pressure no greater than about 360 psi.