United States Patent [19]

Fuhr et al.

[11] **4,116,235**

[45] **Sep. 26, 1978**

[54] **CHIROPRACTIC ADJUSTING INSTRUMENT**

[76] Inventors: **Arlan W. Fuhr; Warren C. Lee,** both of 821 E. Bridge St., Redwood Falls, Minn. 56283

[21] Appl. No.: **808,382**

[22] Filed: **Jun. 20, 1977**

[51] **Int. Cl.**[2] **A61F 5/00**

[52] **U.S. Cl.** **128/69**

[58] **Field of Search** ..... 128/54, 68, 69, 24 R

[56] **References Cited**

U.S. PATENT DOCUMENTS

2,048,220	7/1936	Redding	128/69
2,204,259	6/1940	Schuskler etal.	128/69
2,402,901	6/1946	Leddy	128/69
2,970,592	2/1961	David	128/69
3,706,309	12/1972	Toftness	128/69

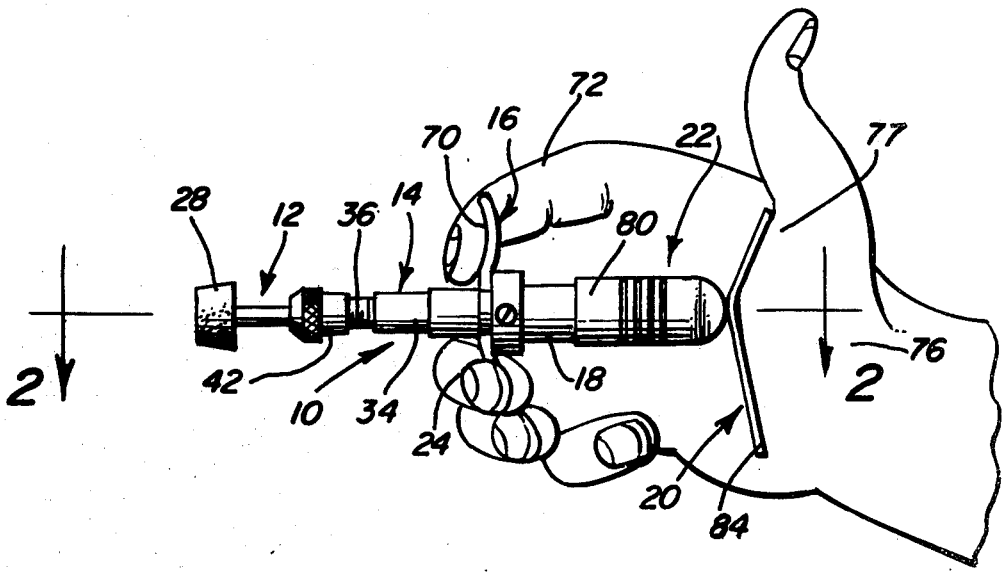
FOREIGN PATENT DOCUMENTS

321,925	9/1902	France	128/54

Primary Examiner—Lawrence W. Trapp

Attorney, Agent, or Firm—Clarence A. O'Brien; Harvey B. Jacobson

[57] **ABSTRACT**

A chiropractic adjusting instrument in the form of a manually operated and controlled device having a body contact member to apply a thrust force in a specific line of drive at a very rapid speed with this instrument replacing the previous technique of using thumb thrust having the speed generated by rapid movement of the elbows together. The instrument includes a longitudinally reciprocal spring biased member having a resilient body contact element on the end thereof and a manually movable handle connected thereto for compressing the resilient spring with adjustable means being provided for releasing the spring and contact after a predetermined compression of the spring, thereby enabling a controlled force of adjustment to be applied at a rapid speed and in a precise line of drive.

6 Claims, 2 Drawing Figures