



US005575576A

United States Patent [19]

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Roysden, Jr.

[45] Date of Patent: **Nov. 19, 1996**

[54] **KEYBOARD**

[76] Inventor: **Brunn W. Roysden, Jr.**, 4102 E. Palo Verde, Phoenix, Ariz. 85018

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[21] Appl. No.: **166,572**

[22] Filed: **Dec. 13, 1993**

OTHER PUBLICATIONS

IBM Tech. Disclosure Bulletin, vol. 27, No. 4A, Sep. 1984 "Briefcase-Portable Textwriter with 100-Key Full-Size Keyboard".

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 939,066, Sep. 2, 1992, abandoned, which is a continuation-in-part of Ser. No. 785,799, Oct. 31, 1991, abandoned, which is a continuation-in-part of Ser. No. 528,814, May 25, 1990, abandoned.

Primary Examiner—Christopher A. Bennett

[51] Int. Cl.⁶ **B41J 5/10**

[52] U.S. Cl. **400/472; 400/486; 400/88; 341/22**

[58] Field of Search **400/82, 88, 100, 400/472, 479, 485, 486, 488, 489; 200/5 A; 235/145 R, 145 A, 146; 341/22**

[57] **ABSTRACT**

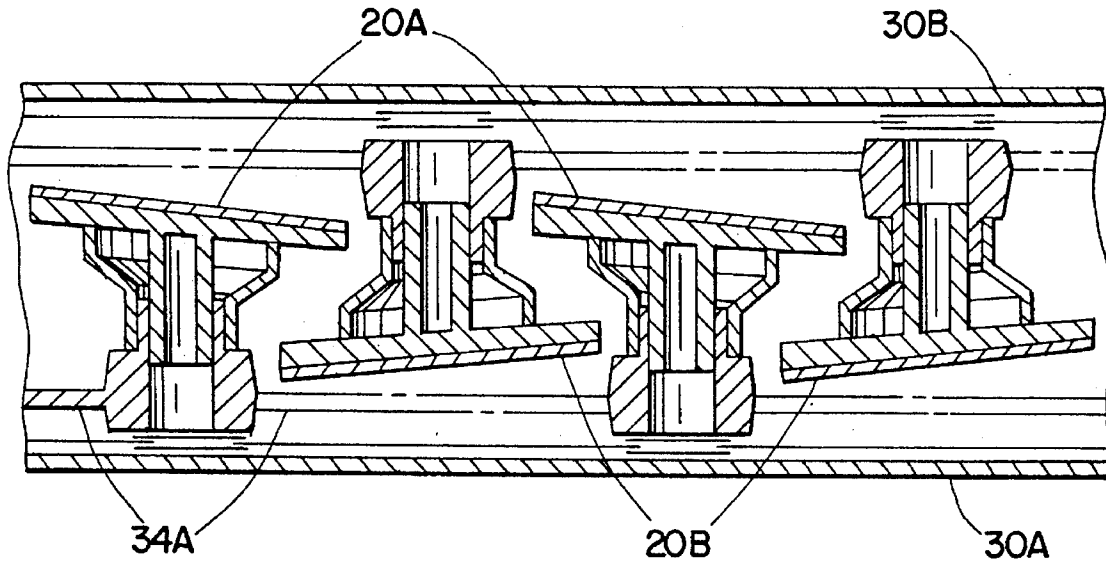
A keyboard for the input of alphanumeric data. The keyboard consists of two or more sections which can be compacted for transport by placing portions of at least one section inside another section; the keyboard can be expanded for use to permit the keyboard to take on a size and spacing corresponding to that found in a keyboard for a conventional full sized typewriter or personal computer.

[56] **References Cited**

U.S. PATENT DOCUMENTS

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22 Claims, 6 Drawing Sheets



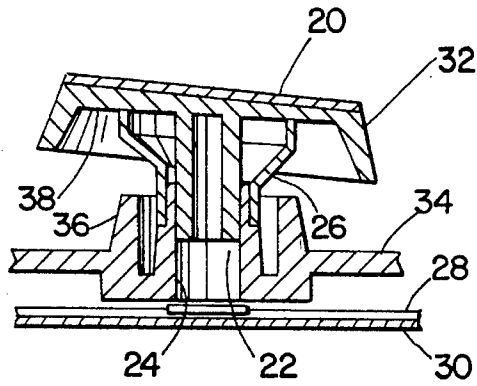


Fig. 1
(PRIOR ART)

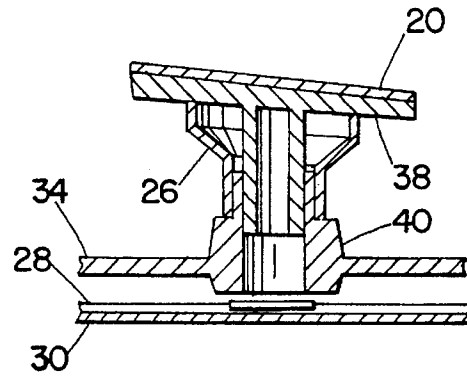


Fig. 2

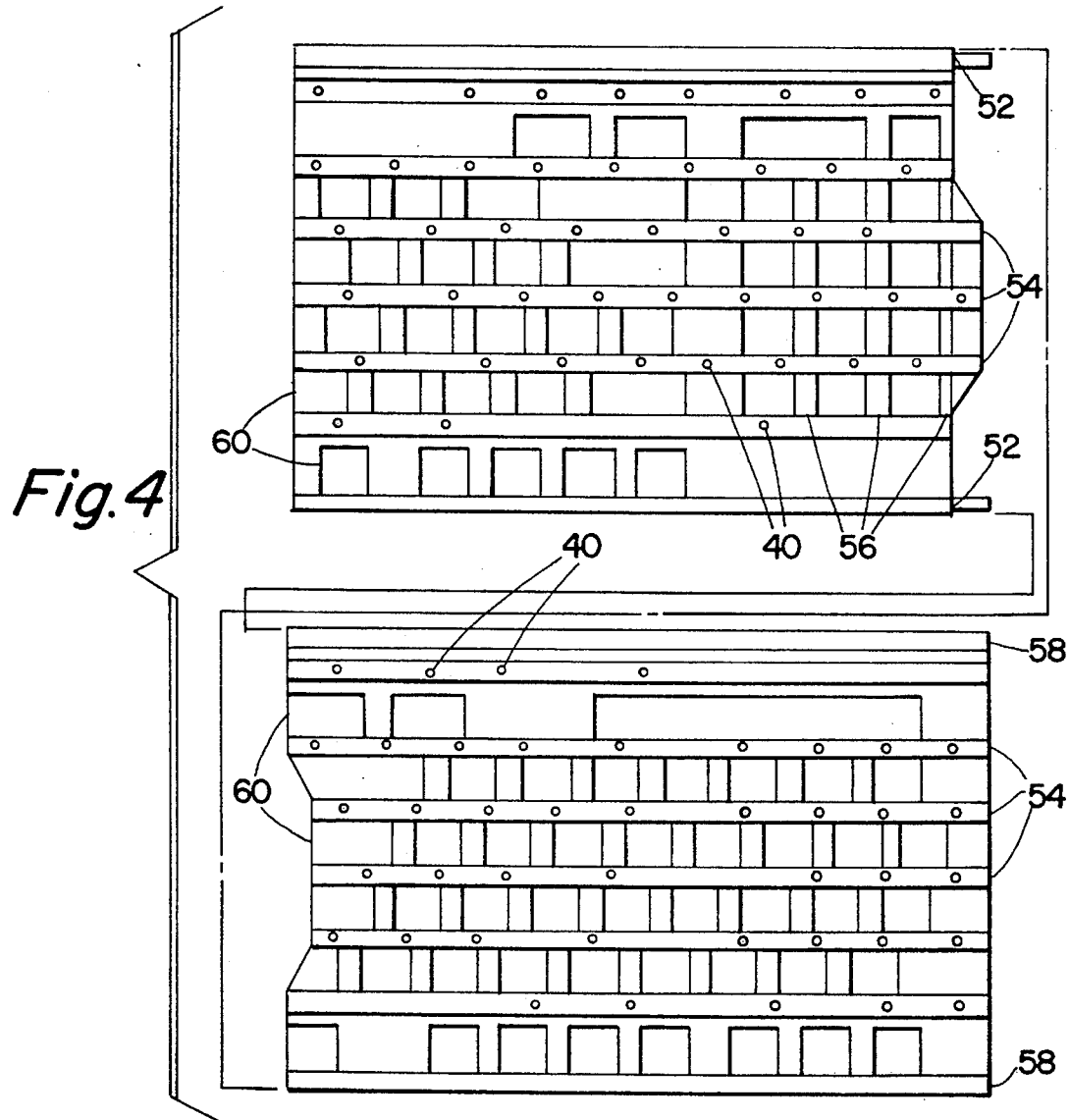


Fig. 4

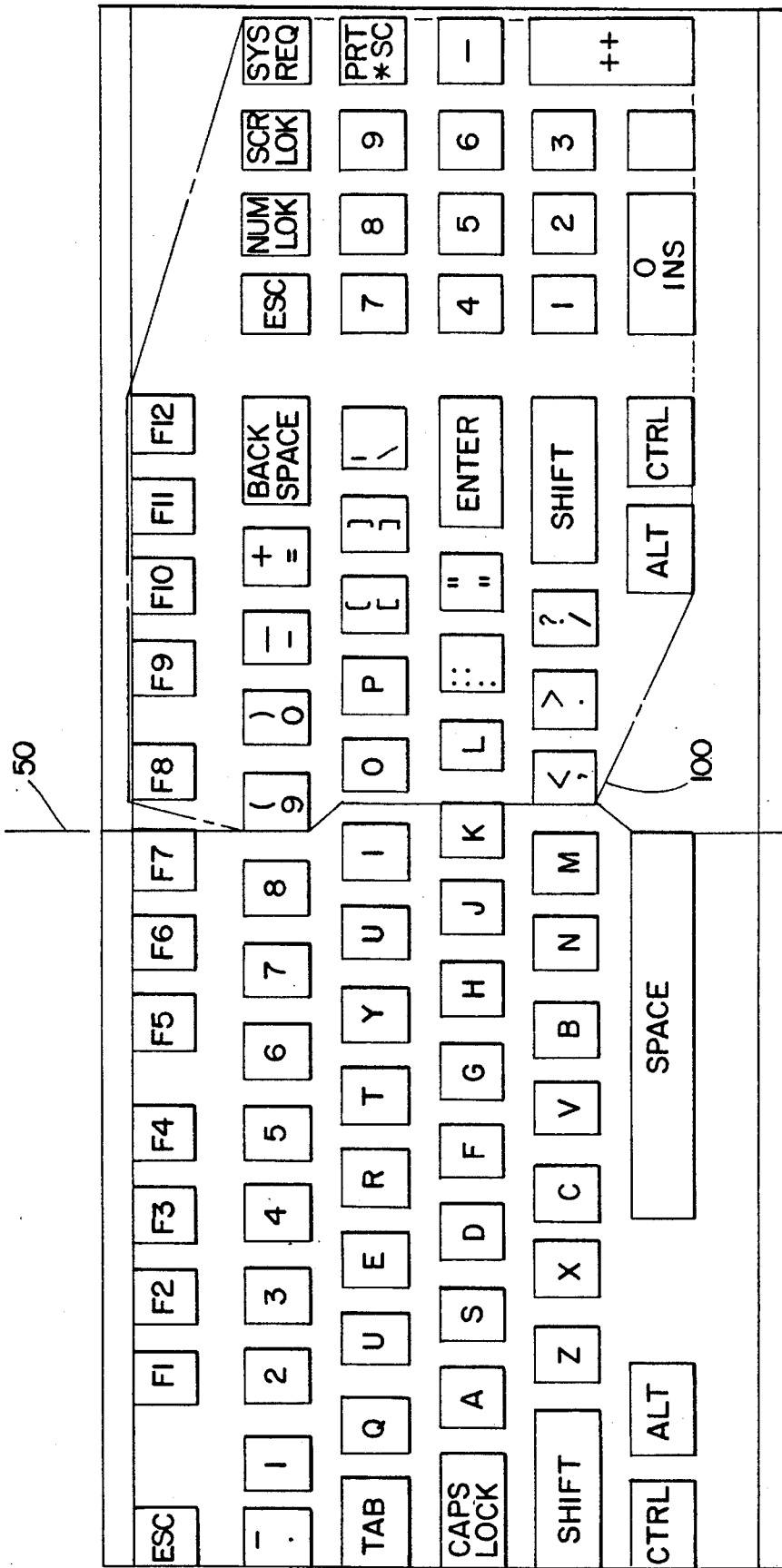


Fig. 3
(PRIOR ART)

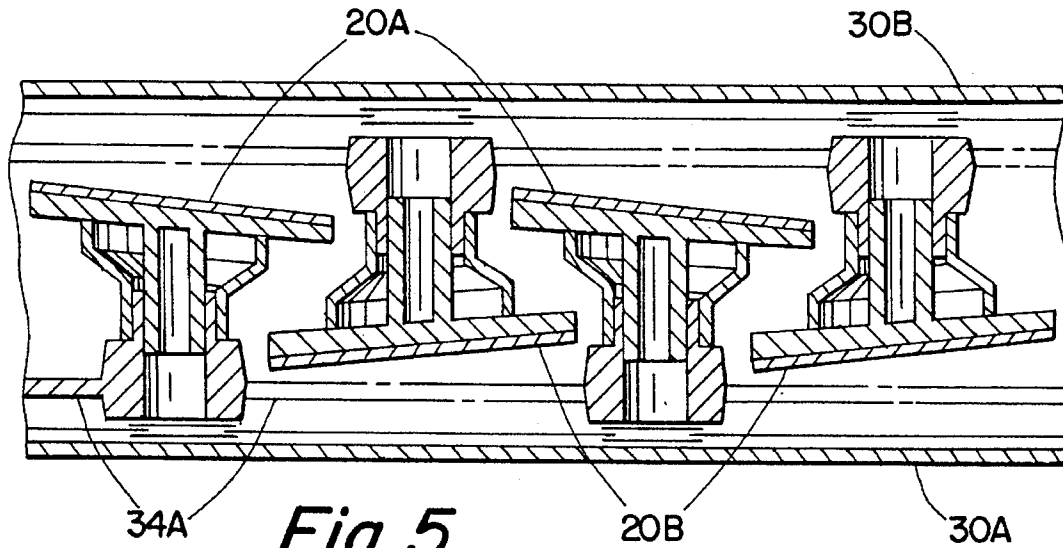


Fig. 5

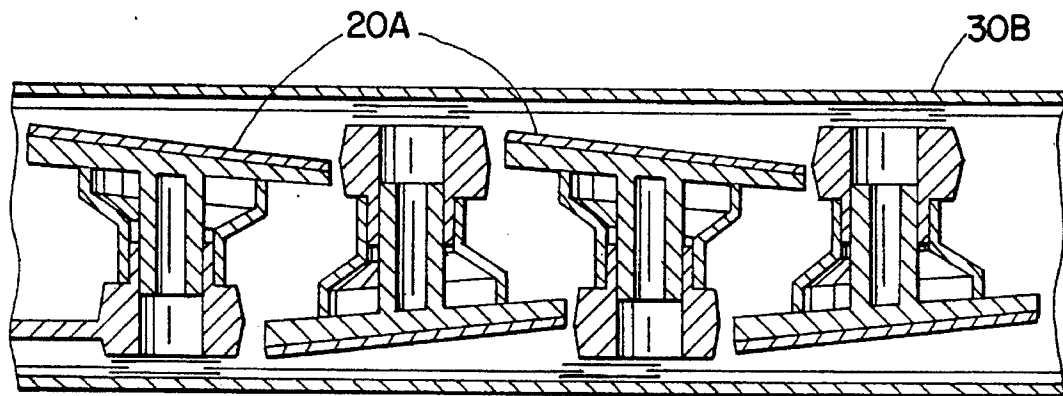


Fig. 6

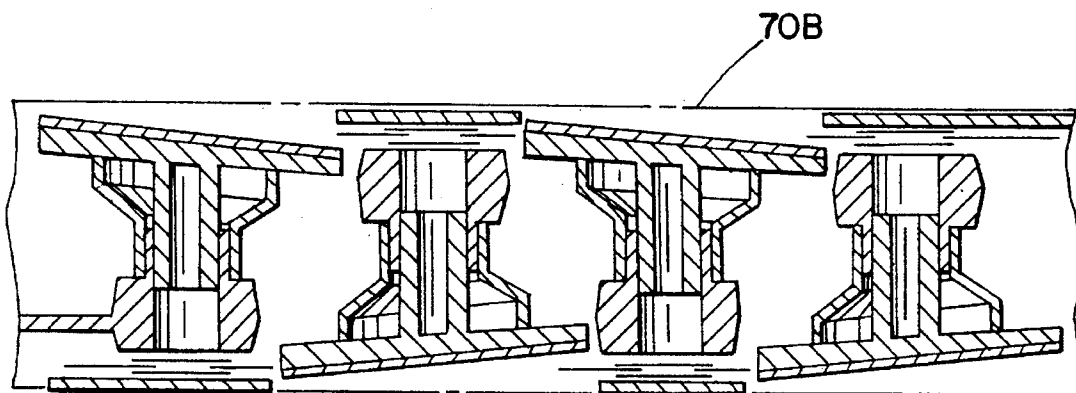


Fig. 7

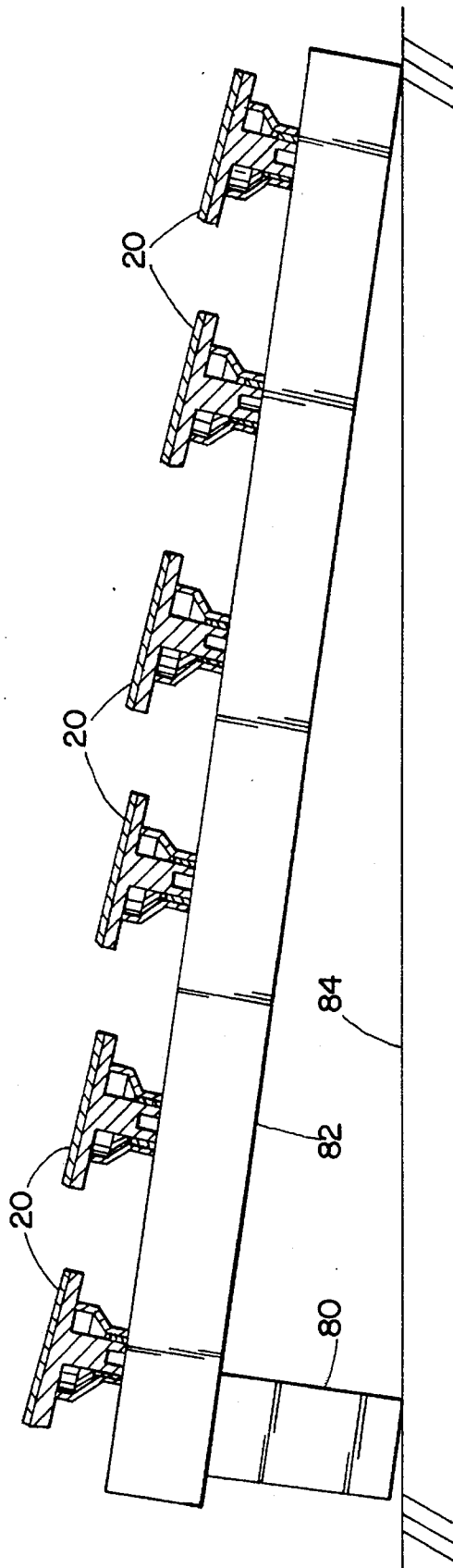


Fig. 8

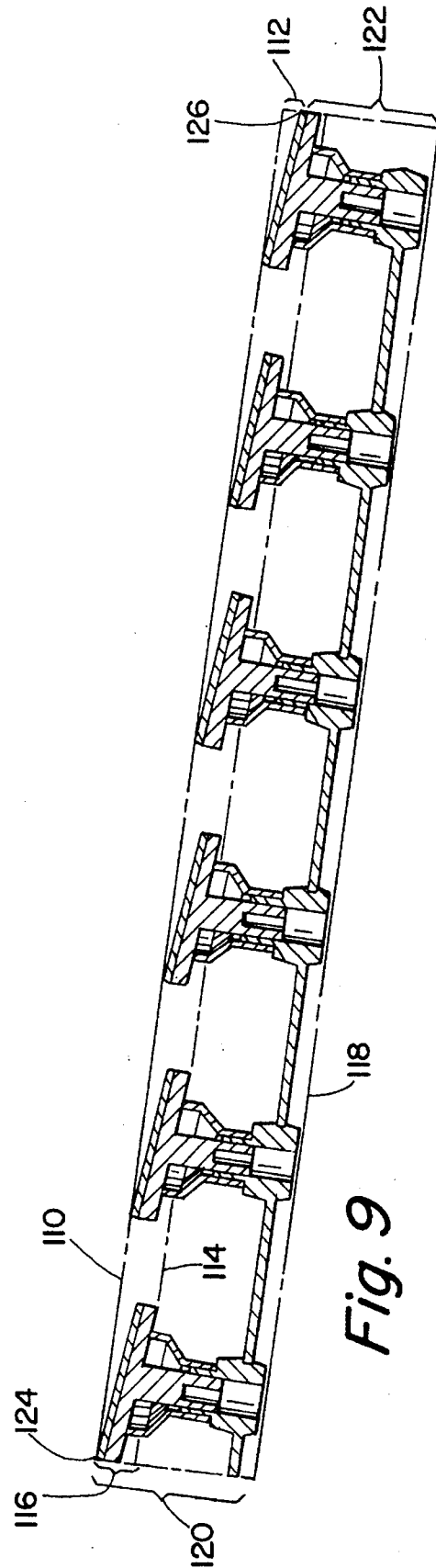


Fig. 9

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