

[54] LAP TOP COMPUTER

[75] Inventors: Yosuki Yamamoto, Morioka, Japan; Michael R. Barry, Stanford, Calif.

[73] Assignee: Alps Electric Co., Ltd., Tokyo, Japan

[**] Term: 14 Years

[21] Appl. No.: 443,700

[22] Filed: Nov. 29, 1989

[30] Foreign Application Priority Data

Jun. 14, 1989 [JP] Japan 1-21887

[52] U.S. Cl. D14/106

[58] Field of Search D14/100, 101, 105-107, D14/113, 115; D18/1, 2, 6, 7; 340/700, 706, 711, 712; 341/22, 23; 364/706-710, 900; 235/145 A, 145 R; 358/248, 249, 254; 400/690, 690.1, 691, 680, 681, 682, 685, 693

[56] References Cited

U.S. PATENT DOCUMENTS

D. 306,285 2/1990 Yu D14/106
D. 308,050 5/1990 Sugano et al. D14/106
D. 308,861 6/1990 Tsukada et al. D14/106
D. 310,353 9/1990 Sugano et al. D14/106

D. 310,517 9/1990 Hara et al. D14/106
D. 312,450 11/1990 Walters, II D14/106
4,926,365 5/1990 Hsieh 364/708

OTHER PUBLICATIONS

Wang Direct Spring 1987, p. 4, Portable Computer.
Primary Examiner—Wallace R. Burke
Assistant Examiner—Freda S. Nunn
Attorney, Agent, or Firm—Guy W. Shoup; Paul J. Winters

[57] CLAIM

The ornamental design for a lap top computer, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a laptop computer showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a rear elevational view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a perspective view thereof shown in the closed position.

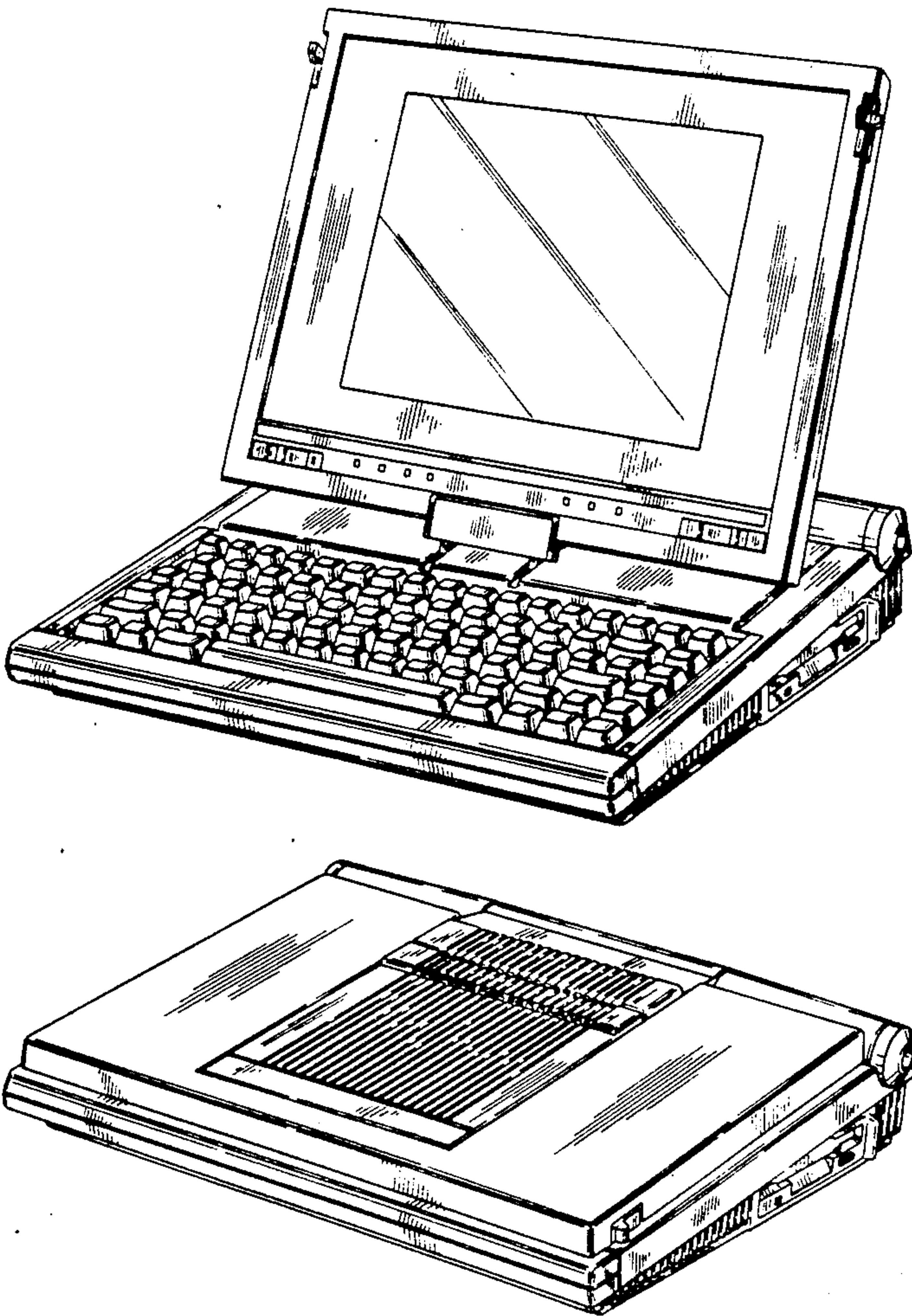


FIG. 1

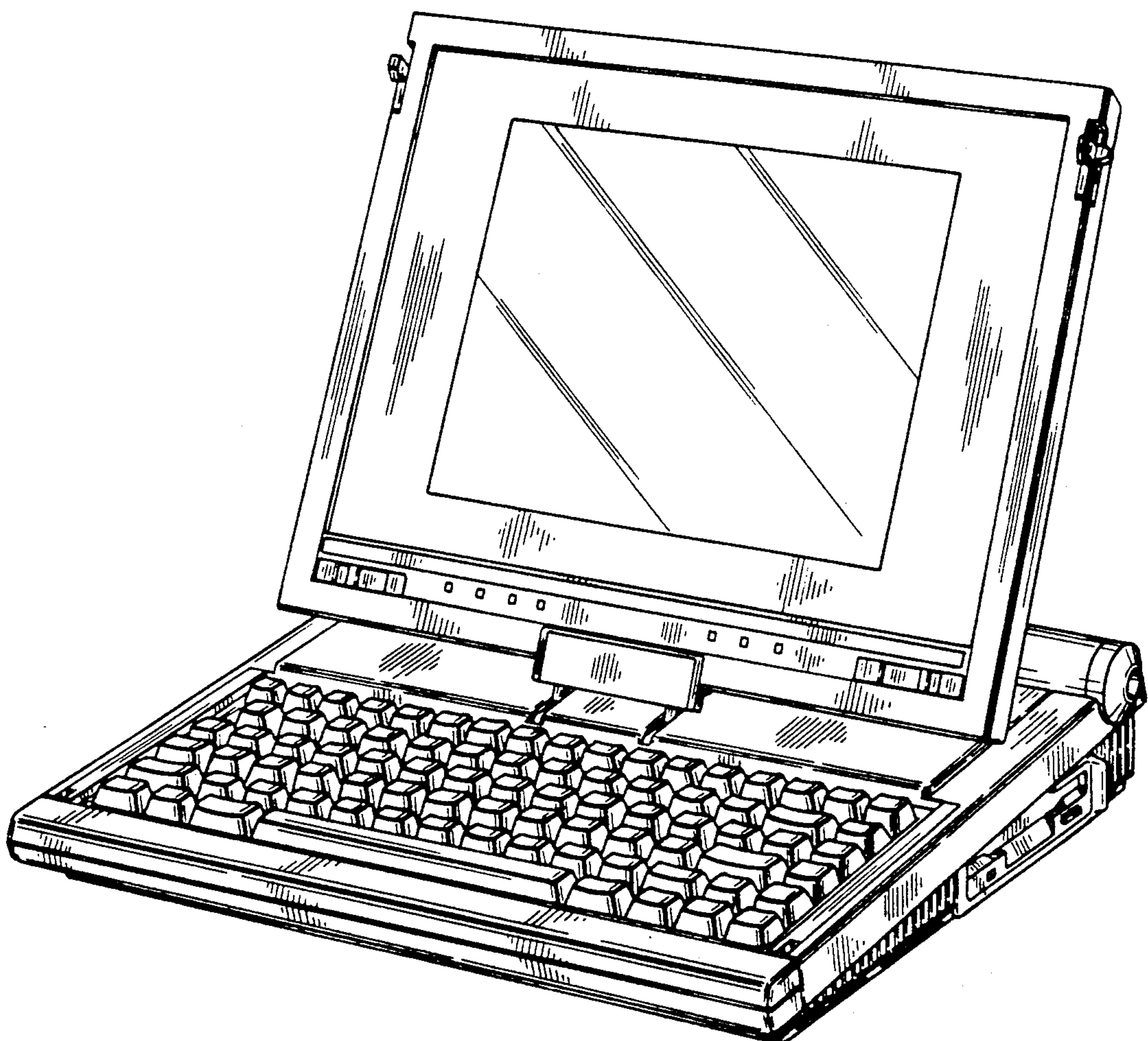


FIG. 2

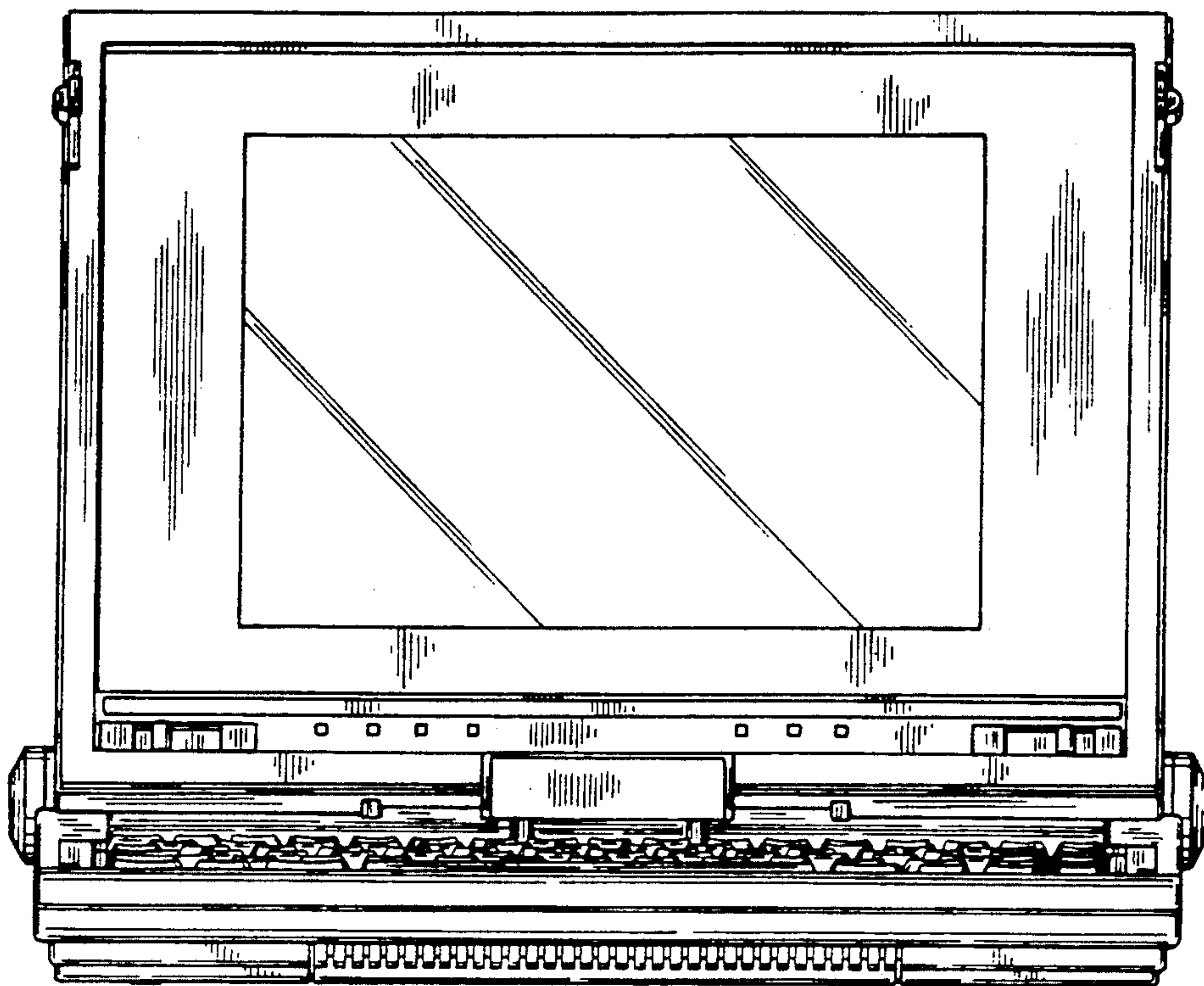


FIG. 3

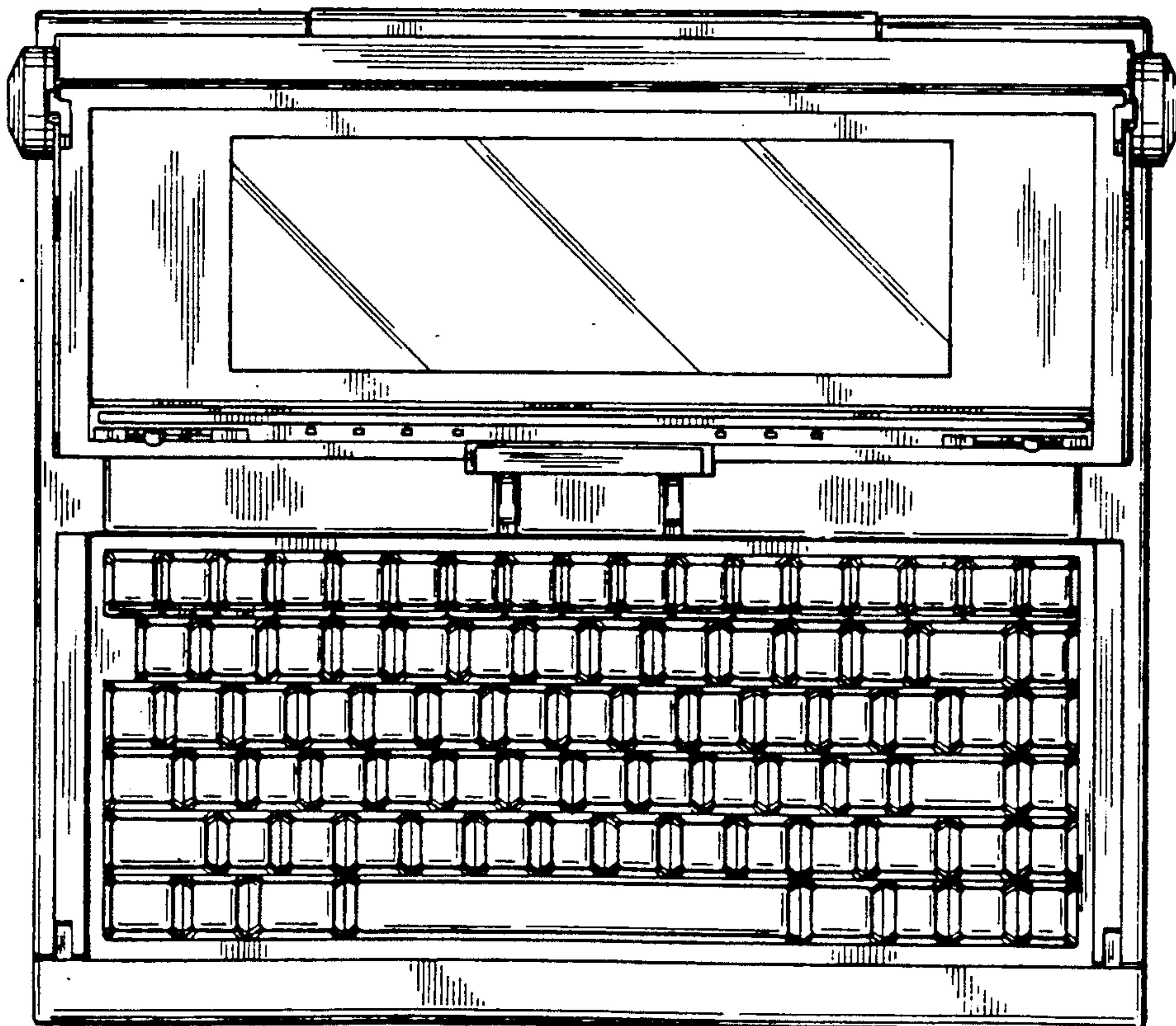


FIG. 4

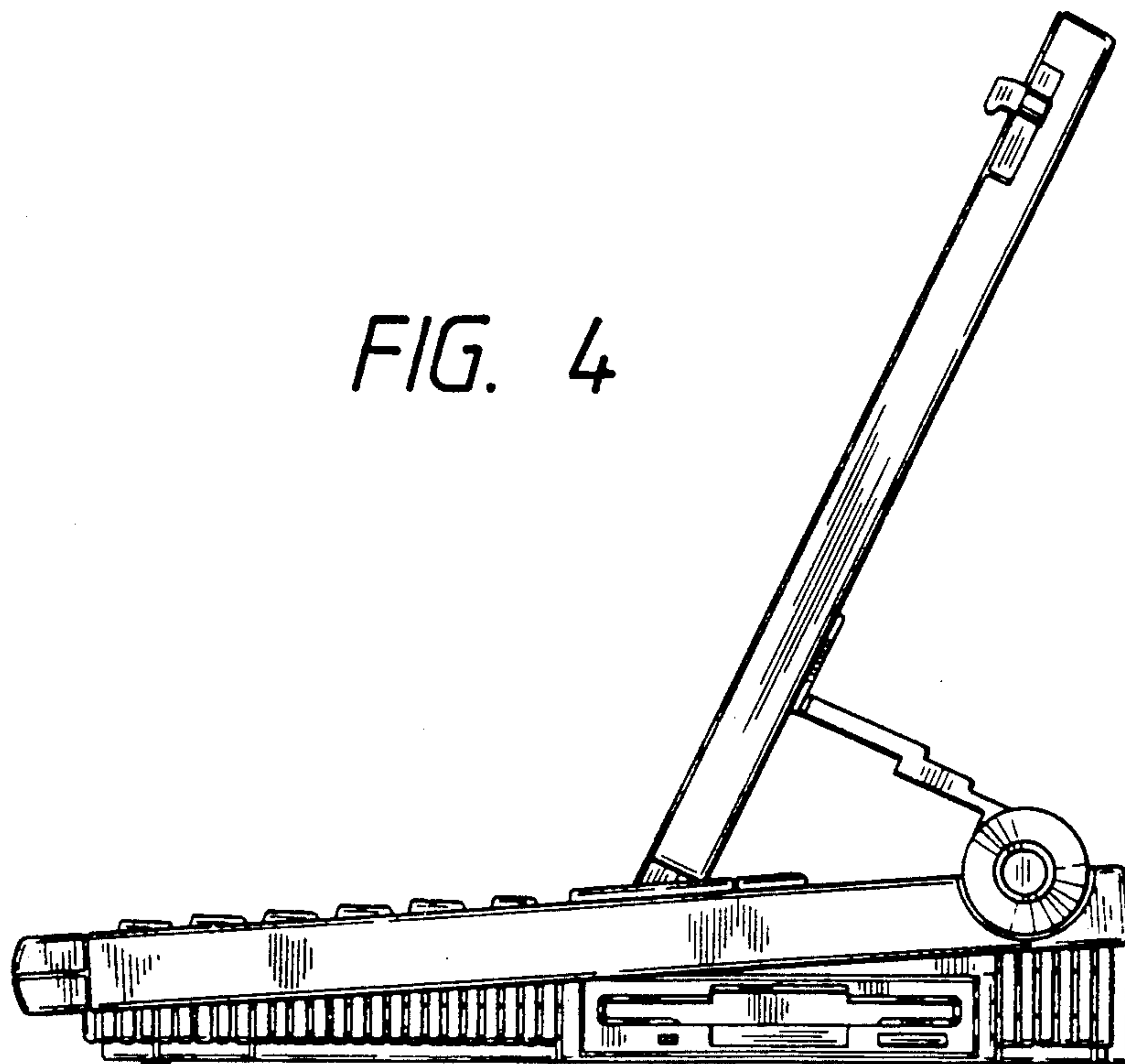


FIG. 5

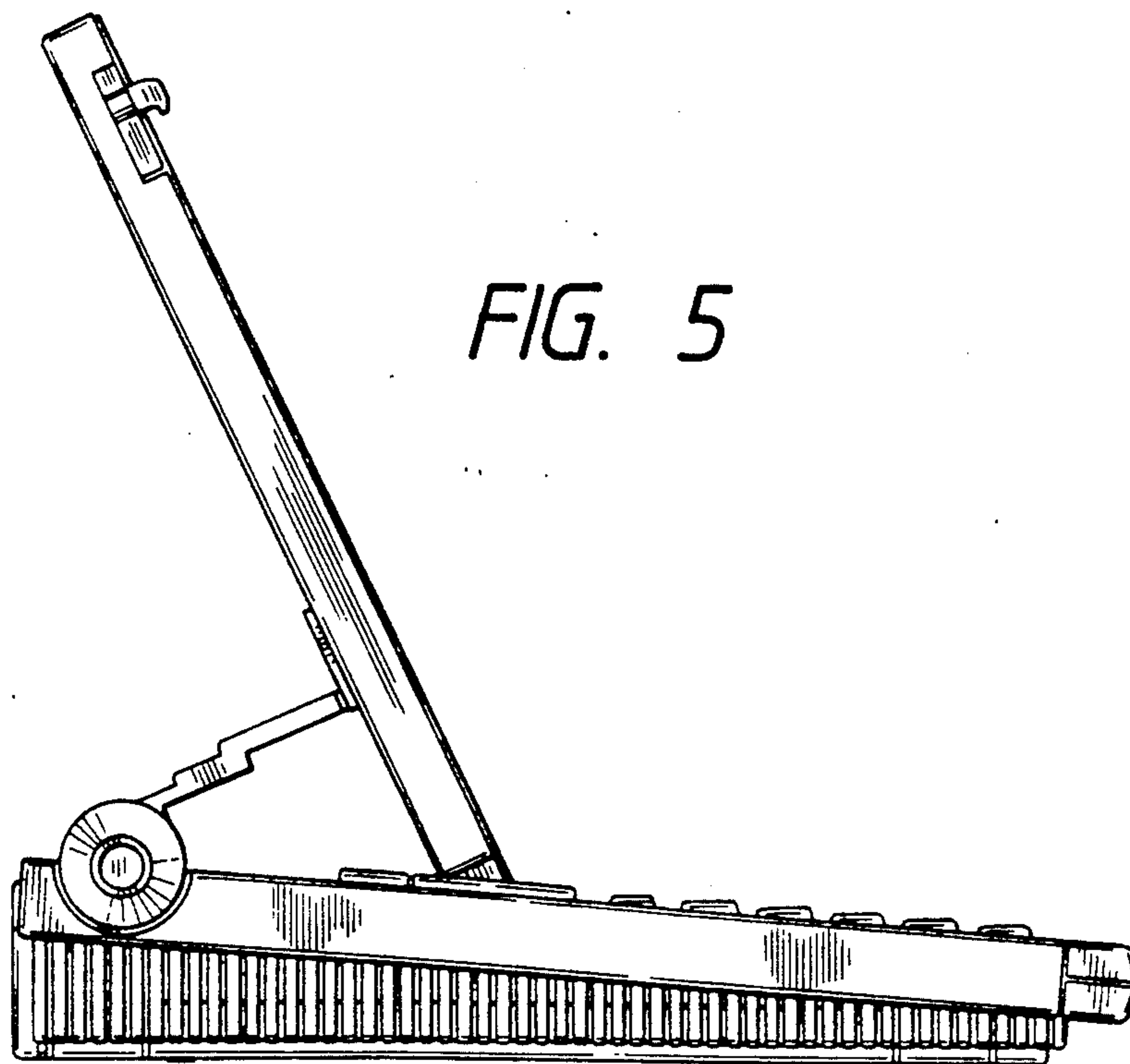


FIG. 6

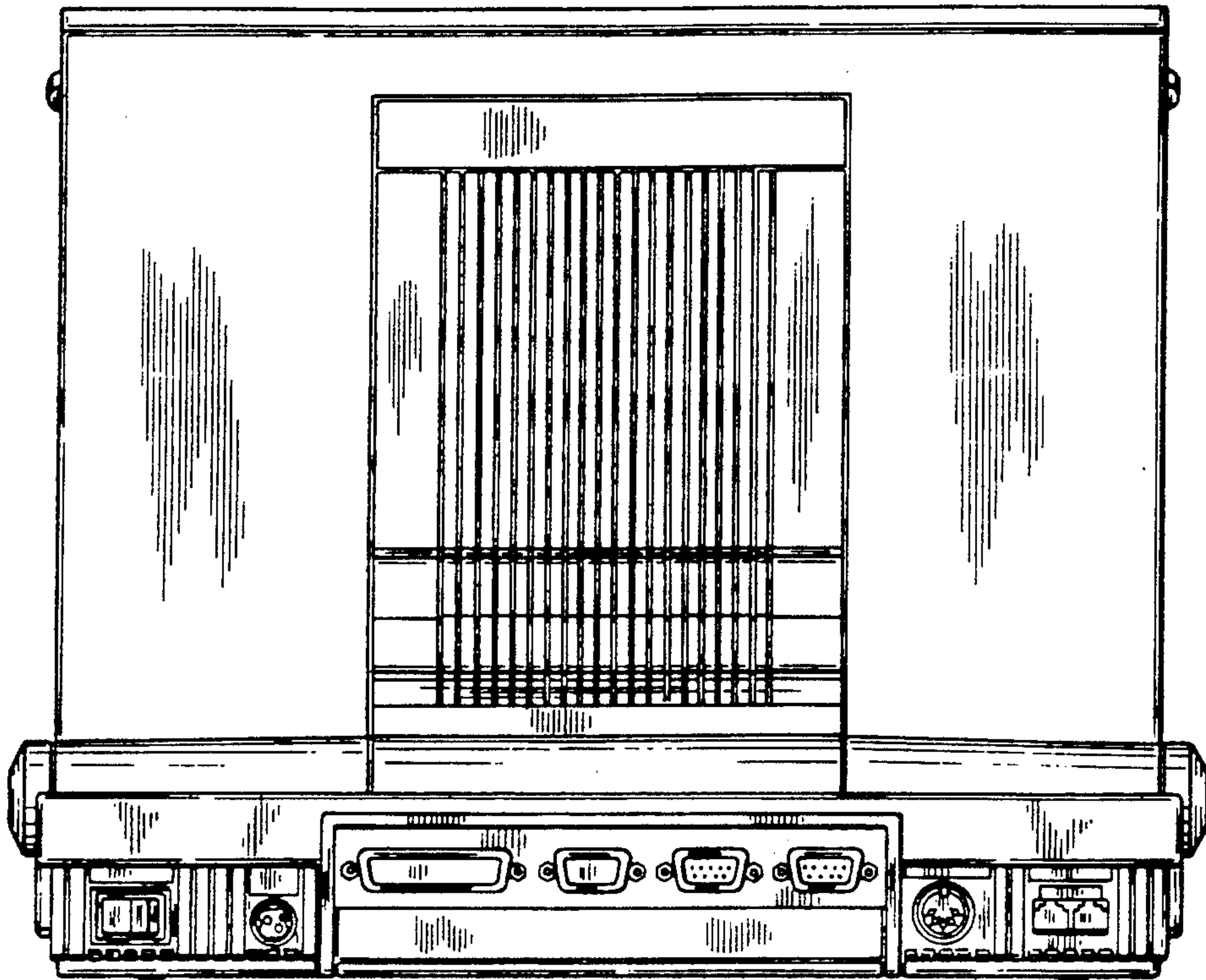


FIG. 7

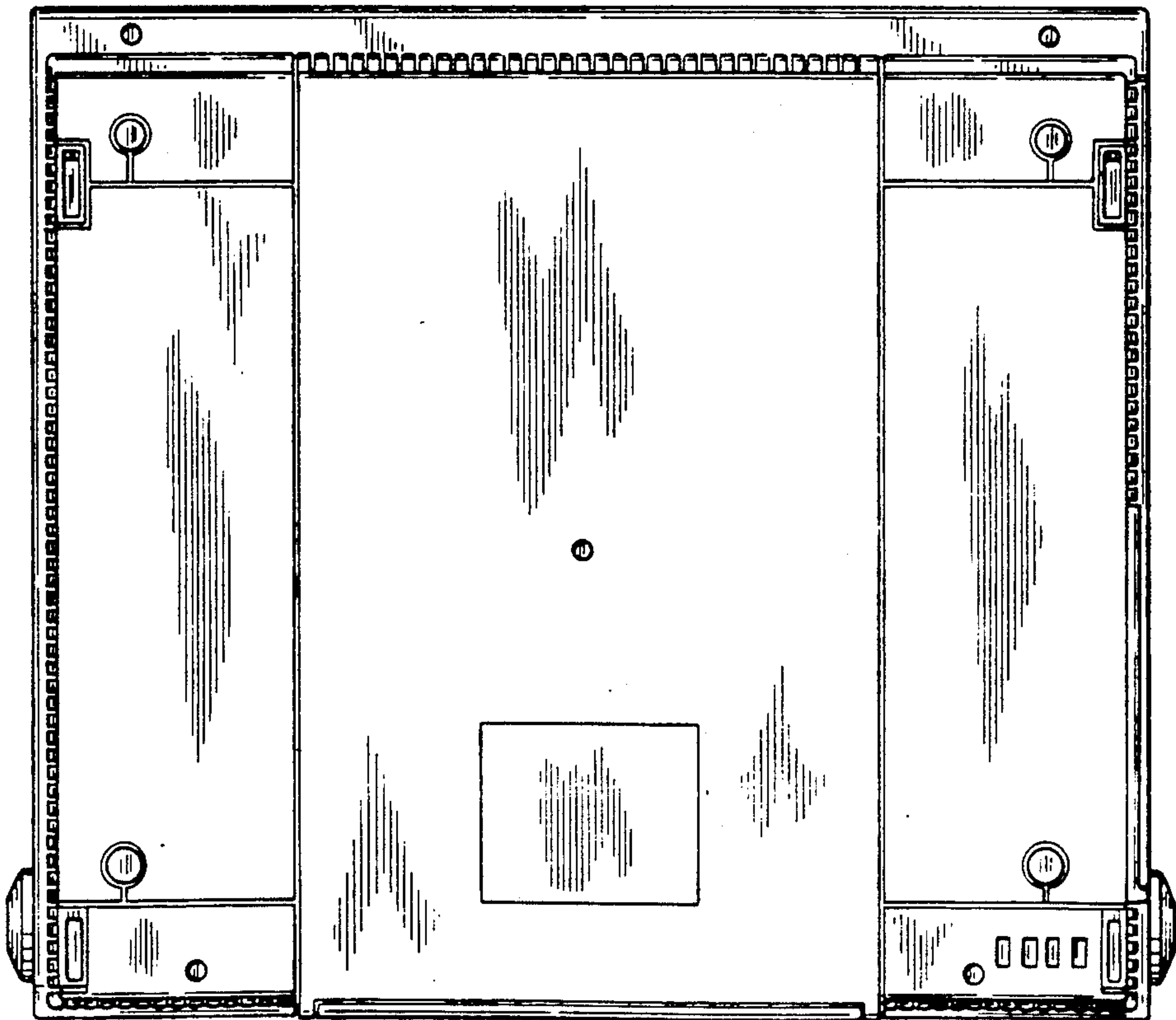
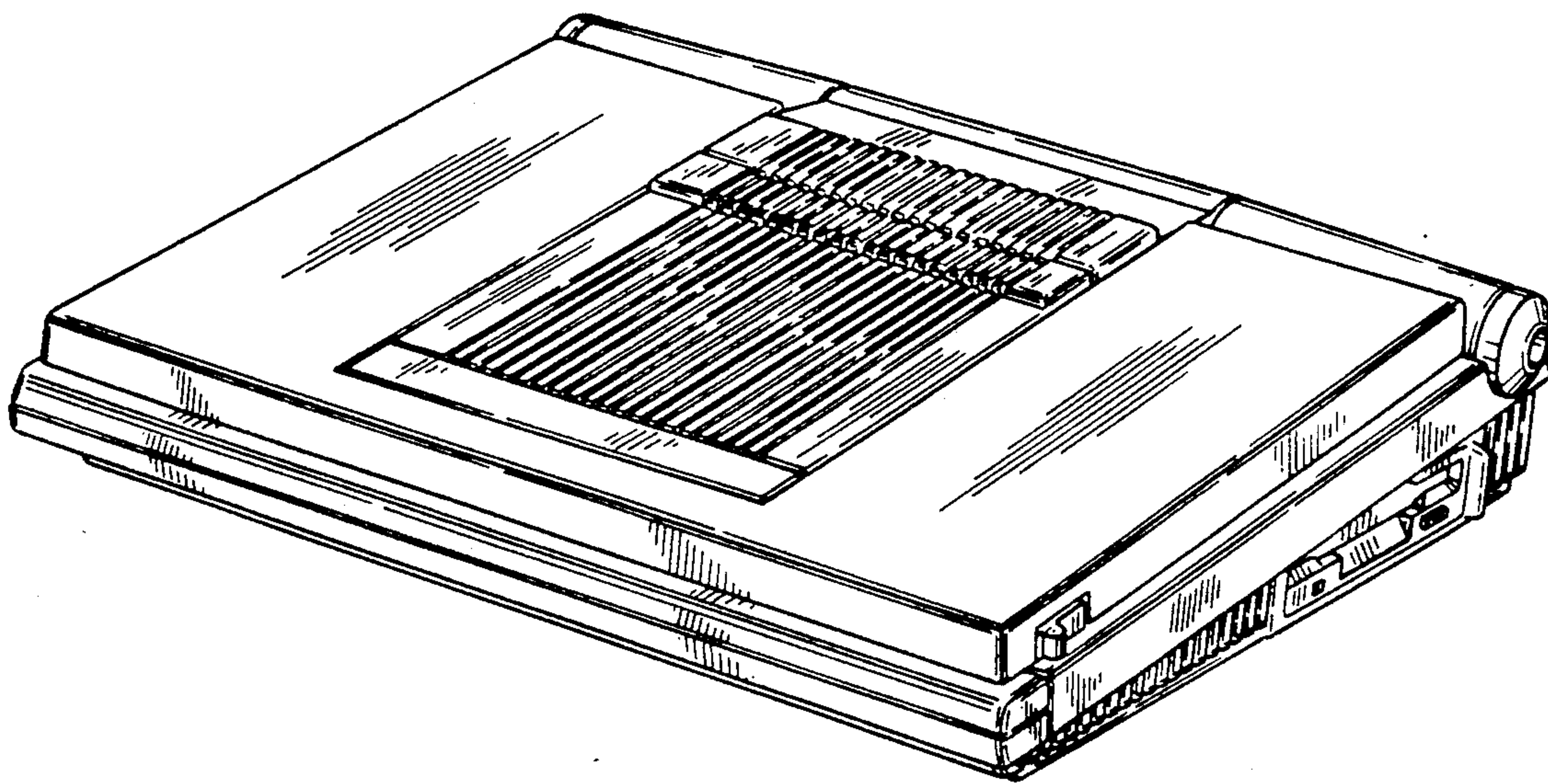


FIG. 8



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 320,009
DATED : September 17, 1991
INVENTOR(S) : Y.Yamamoto, et al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Inventors should be listed
On the title page, Item [75],

Yosuki Yamamoto, Morioka, Japan, Jay Wilson, Portola Valley, Calif.
Michael R. Barry, Stanford, Calif.

Signed and Sealed this
Thirtieth Day of March, 1993

Attest:

STEPHEN G. KUNIN

Attesting Officer

Acting Commissioner of Patents and Trademarks