

US00D357476S

United States Patent [19]

Paull et al.

Des. 357,476 Patent Number: $\lceil 11 \rceil$

Date of Patent: ** Apr. 18, 1995 [45]

[54]	KEYBOARD	
[75]	Inventors:	Mike M. Paull; Steven T. Kaneko, both of Seattle; Thomas E. Davies, Jr., Snohomish, all of Wash.; Jan Hippen; Penelope C. Yao, both of Portland, Oreg.
[73]	Assignee:	Ziba Design, Inc., Portland, Oreg.
[**]	Term:	14 Years
[21]	Appl. No.:	10,111
	U.S. Cl Field of Sea D18/1, 2	Jun. 25, 1993
[56]		References Cited

References Cited

U.S. PATENT DOCUMENTS

D. 323,817	2/1992	Buchin D14/115 X
D. 339,800	9/1993	Louis
D. 348,453	7/1994	Riley et al D14/115

OTHER PUBLICATIONS

Adler, Jerry, "Typing Without Kays", Newsweek, Dec. 7, 1992.

"As RSIs skyrocket, companies are finally taking ergonomics seriously", PC Week Special Report, Jun. 28, 1993, p. 126.

"Analysis of the Tony! TM Variable Geometry VDT Keyboard", Proceedings of the Human Factors Society 34th Annual Meeting 1990, pp. 365-369.

"The QWERTY keyboard: a review", Jan Noyes, HUSAT Research Group, Loughborough University of Technology, Loughborough, U.K. Int. J. Man-Machine Studies (1983) 18, 265–281.

"Ergonomic keyboard design", Behaviour and Information Technology, 1987, vol. 6, No. 3, 303-309.

"Human Engineering the Keyboard", K. H. Eberhard Kroemer, Aerospace Medical Research Laboratory, Wright-Patterson Air Force Base, Ohio Human Factors, 1972, 14(1), 51–63.

"Marquardt MiniErgo-MF2", PC Week, Jun. 7, 1993, p. 93.

"Ergonomic keyboard design-studies of learning and relearning", Thomas Metker & Ulrich Traenkle, University of Muenster, Department of Psychology, Fliednerstr.21, D-440 Muenster, pp. 1-9, 1991.

"Studies on Ergonomically Designed Alphanumeric Keyboards", M. Nakaserko, E. Grandjean, W. Honting, and R. Gierer, Human Factors, 1985, 27(2), 175-187. Marquardt-MiniErgo 1:1 Brochure; Sep. 1992-1.

"PS/2E" advertisement, National Geographic, Sep. 1993.

"Introducing The ColorBook" flyer, Gateway 2000, 1993.

Primary Examiner—Freda S. Nunn Attorney, Agent, or Firm—Seed and Berry

[57] CLAIM

The ornamental design for a keyboard, as shown and described.

DESCRIPTION

FIG. 1 is a reduced front perspective view of the first embodiment of a keyboard showing our new design;

FIG. 2 is a top plan view of the first embodiment; FIG. 3 is a front elevational view of the first embodi-

ment;

FIG. 4 is a bottom plan view of the first embodiment; FIG. 5 is a rear elevational view of the first embodiment;

FIG. 6 is a left side elevational view of the first embodiment;

FIG. 7 is a right side elevational view of the first embodiment;

FIG. 8 is a reduced front perspective view of the second embodiment of the keyboard in FIG. 1;

FIG. 9 is a top plan view of the second embodiment;

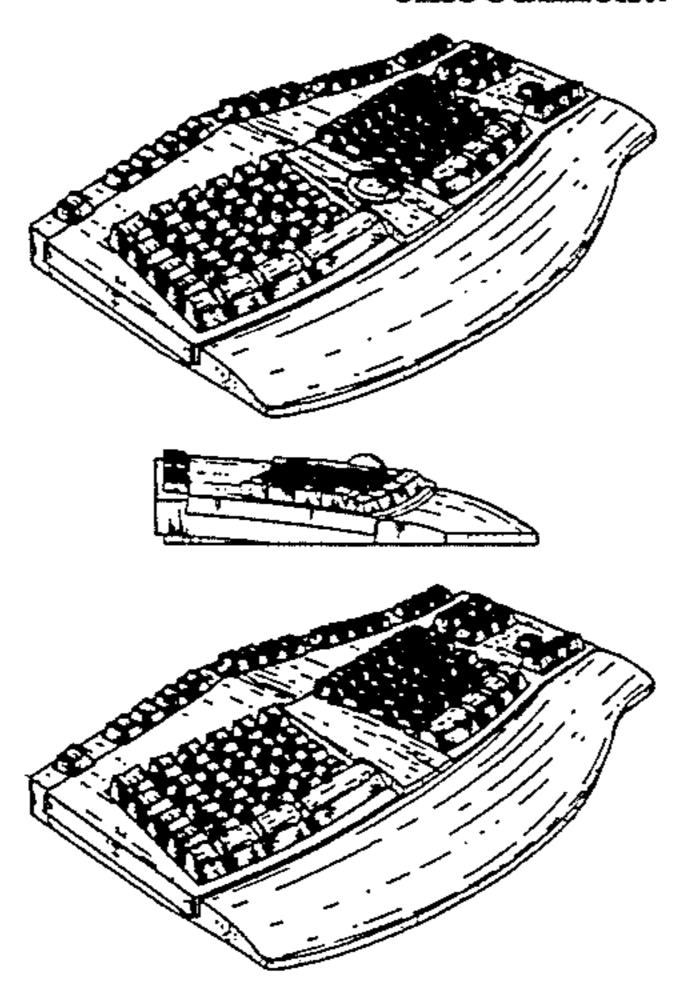
FIG. 10 is a front elevational view of the second embodiment;

FIG. 11 is a bottom plan view of the second embodiment;

FIG. 12 is a rear elevational view of the second embodiment;

FIG. 13 is a left side elevational view of the second embodiment; and,

FIG. 14 is a right side elevational view of the second embodiment.



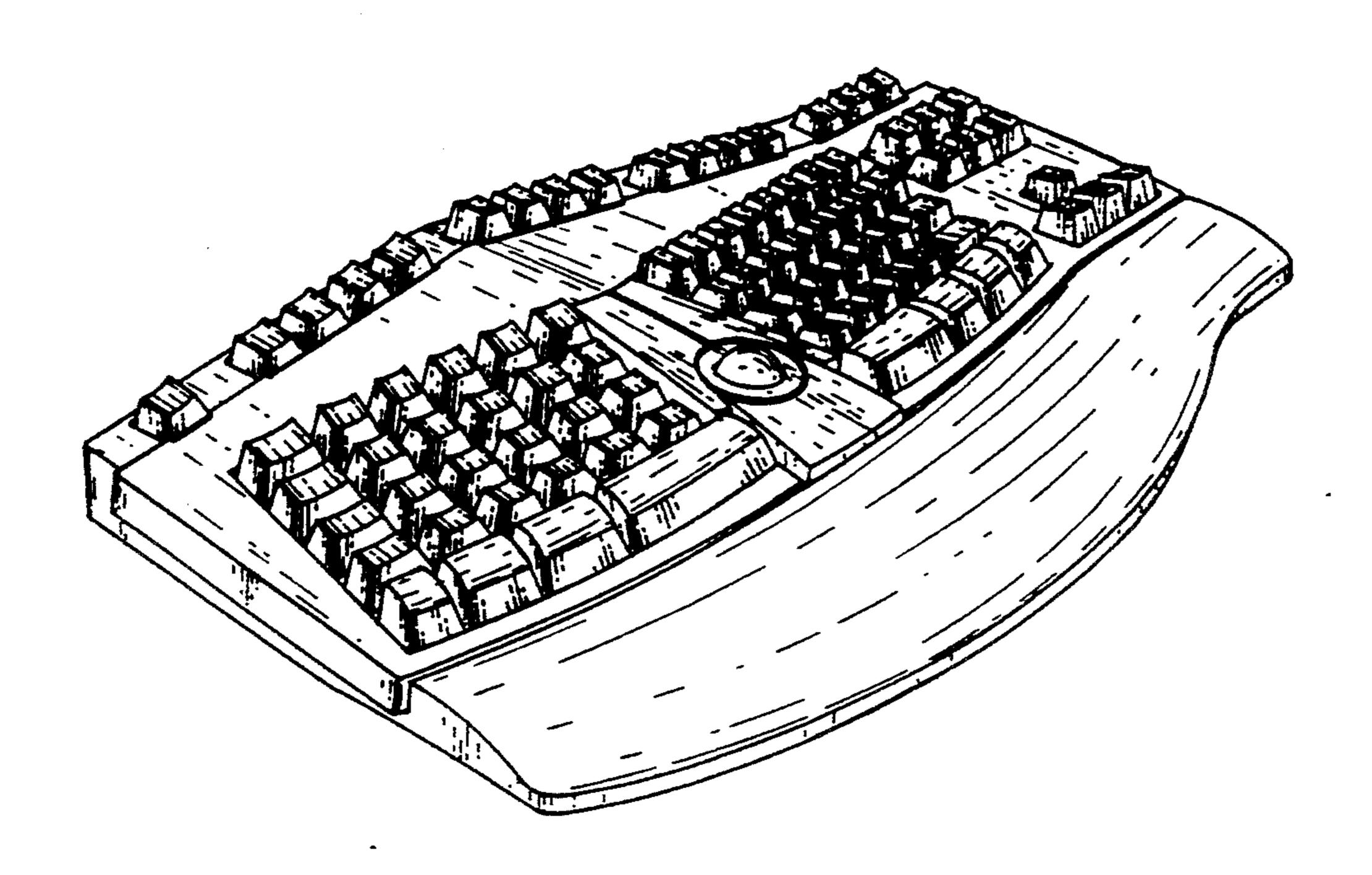
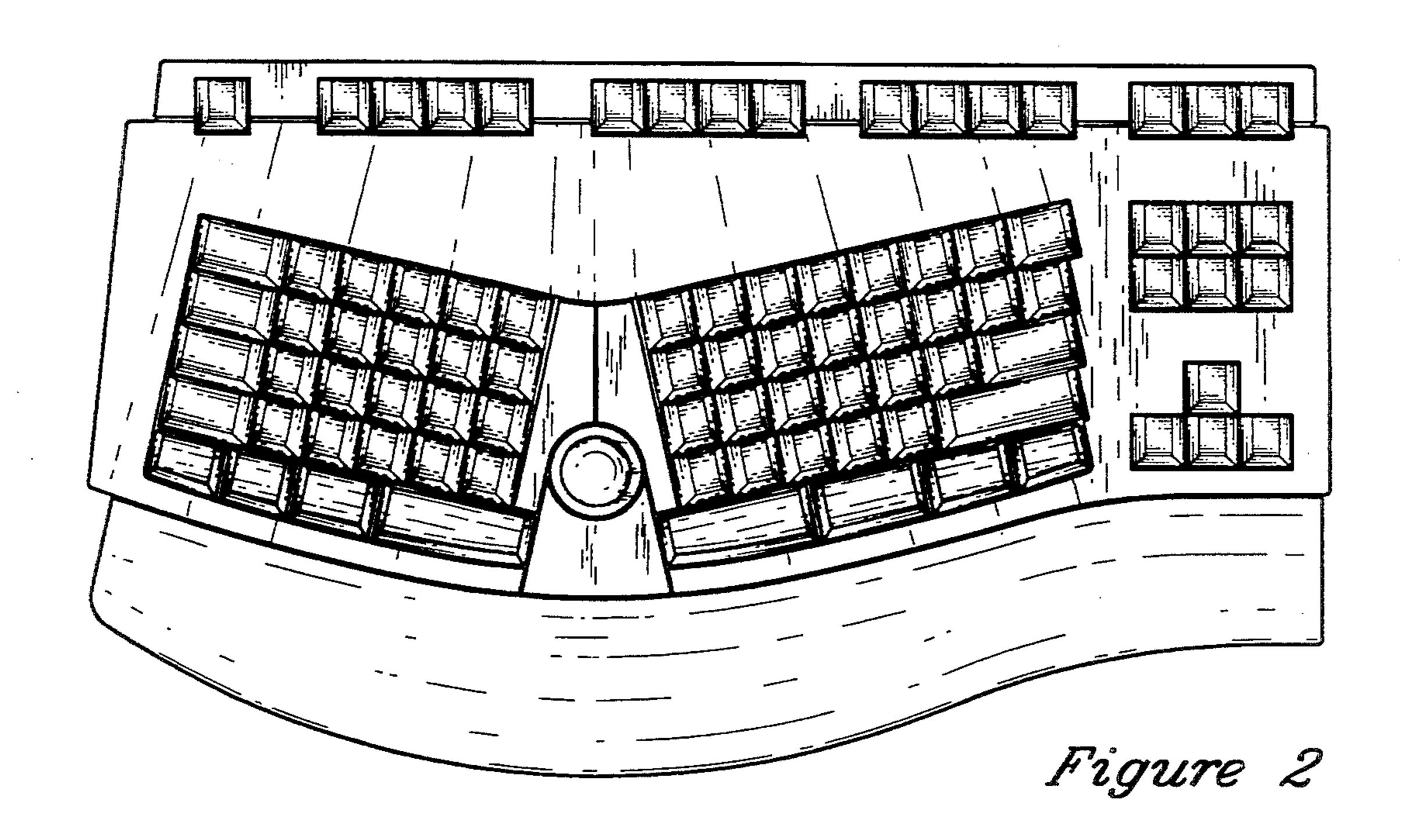


Figure 1



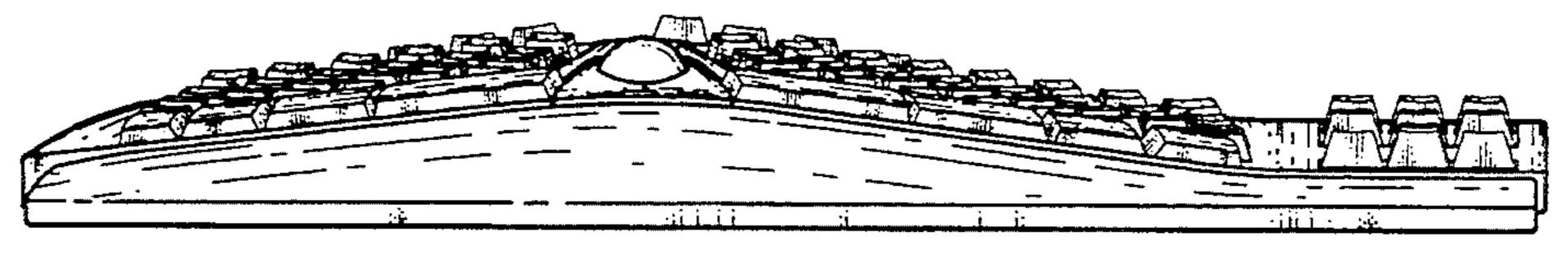
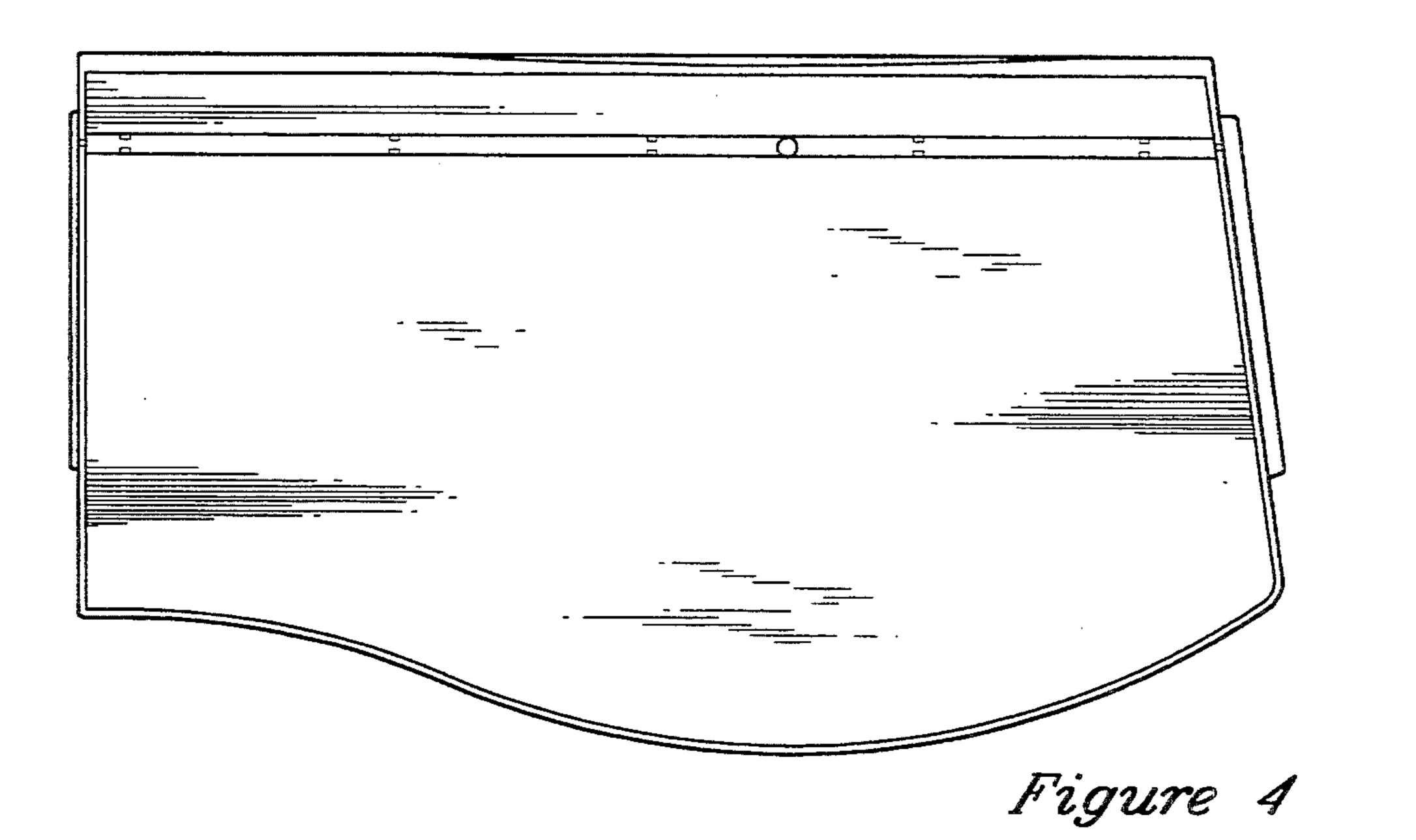


Figure 3



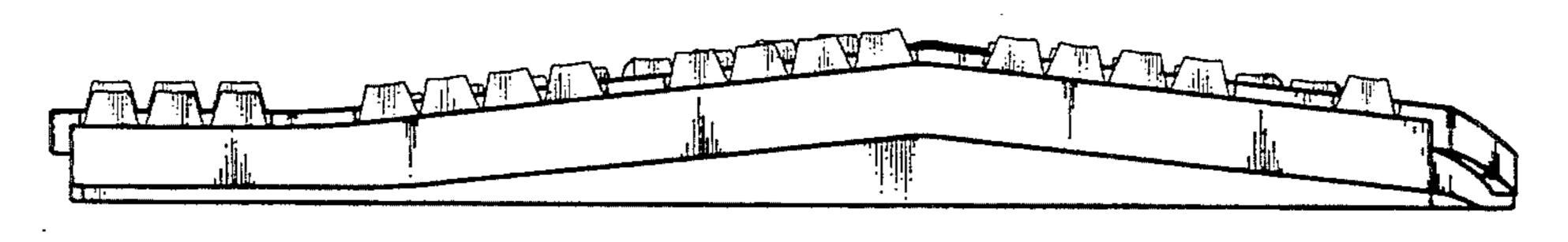


Figure 5

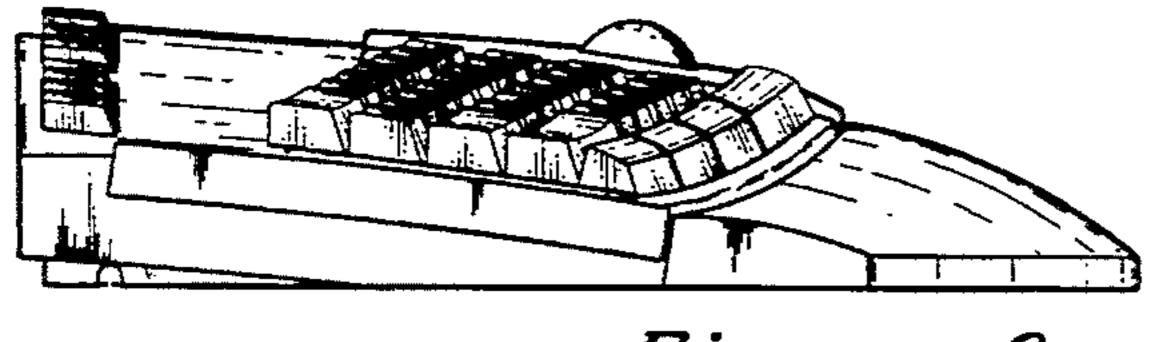


Figure 6

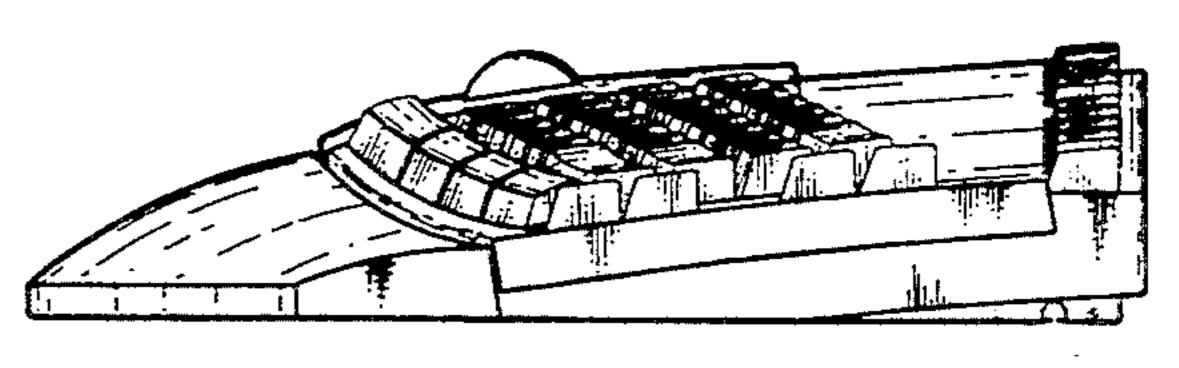


Figure 7

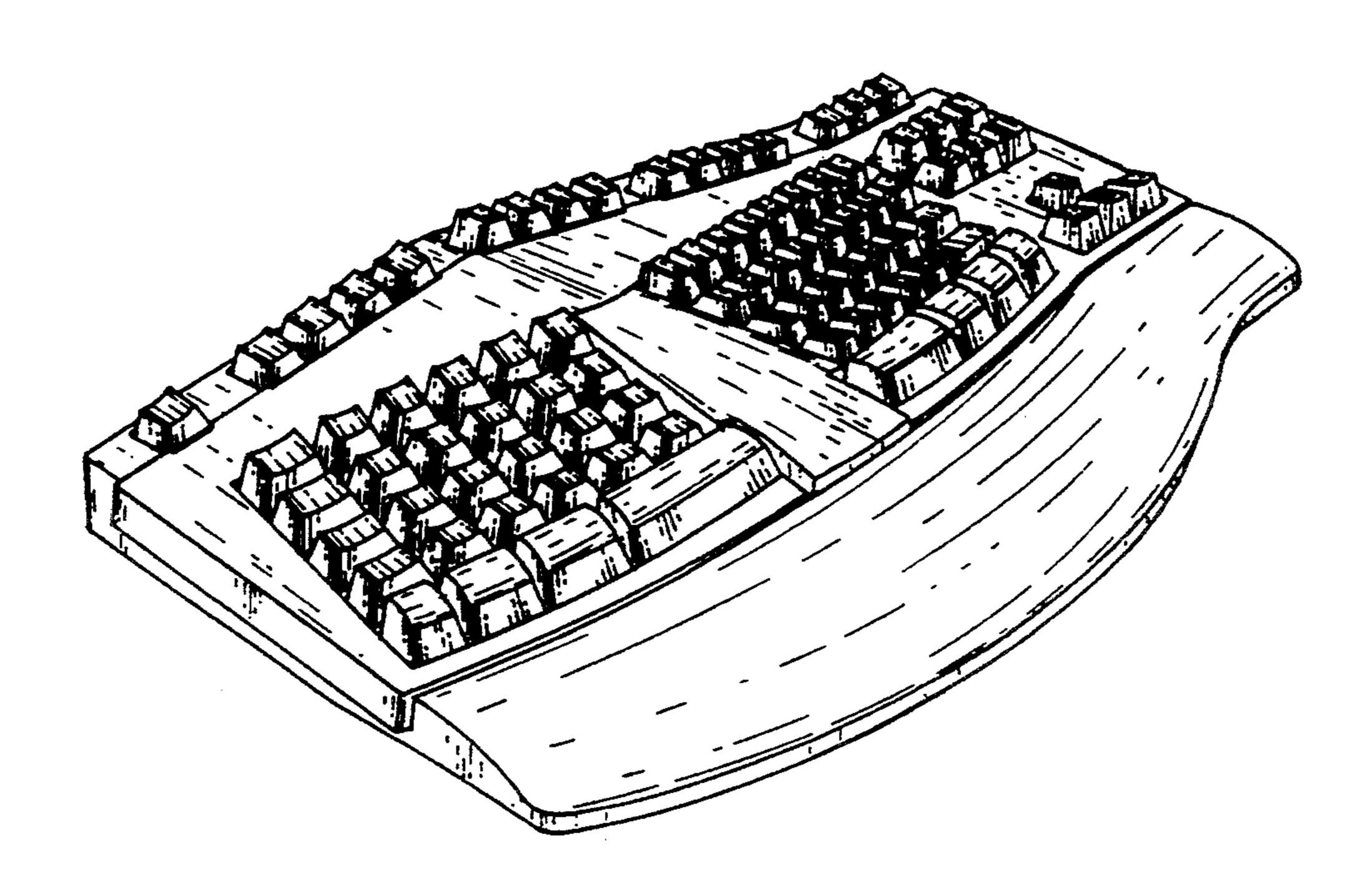
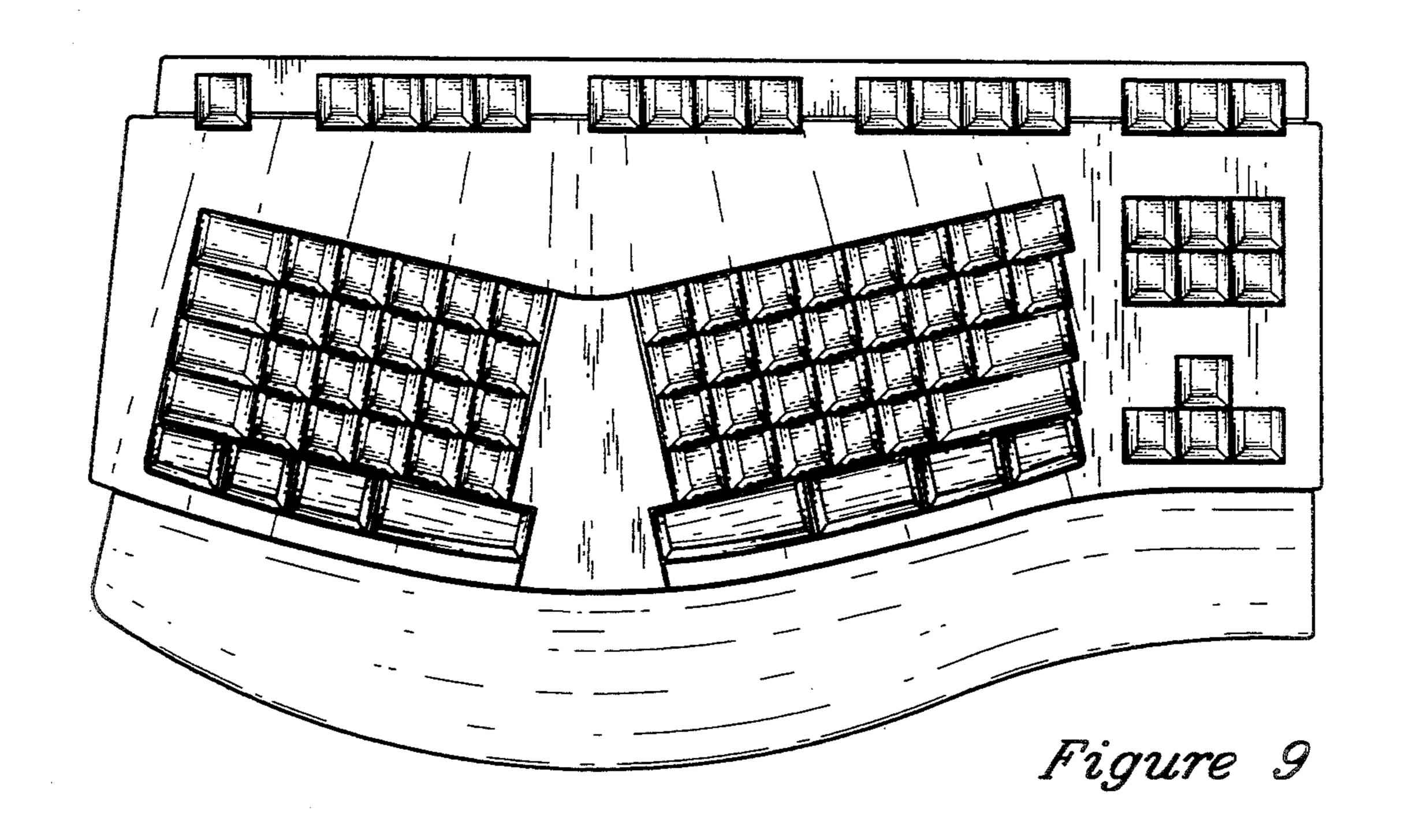
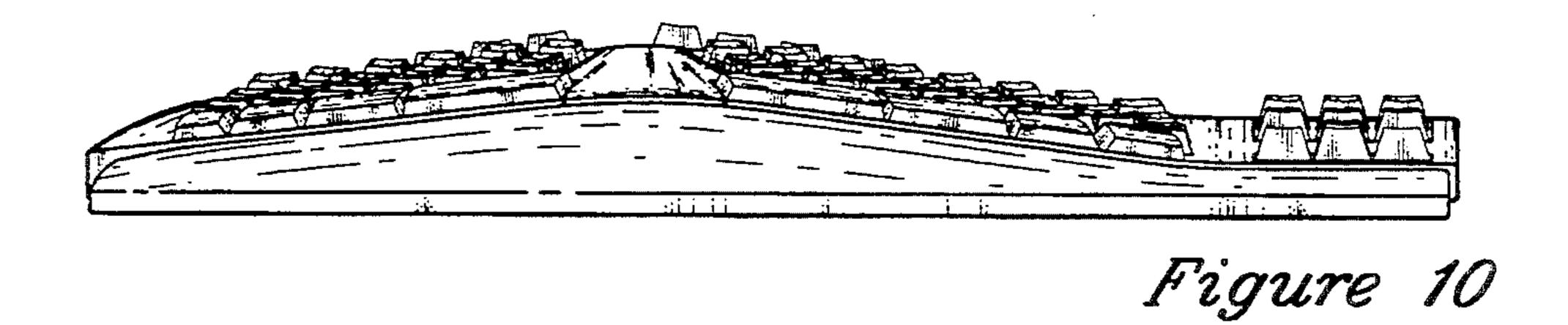
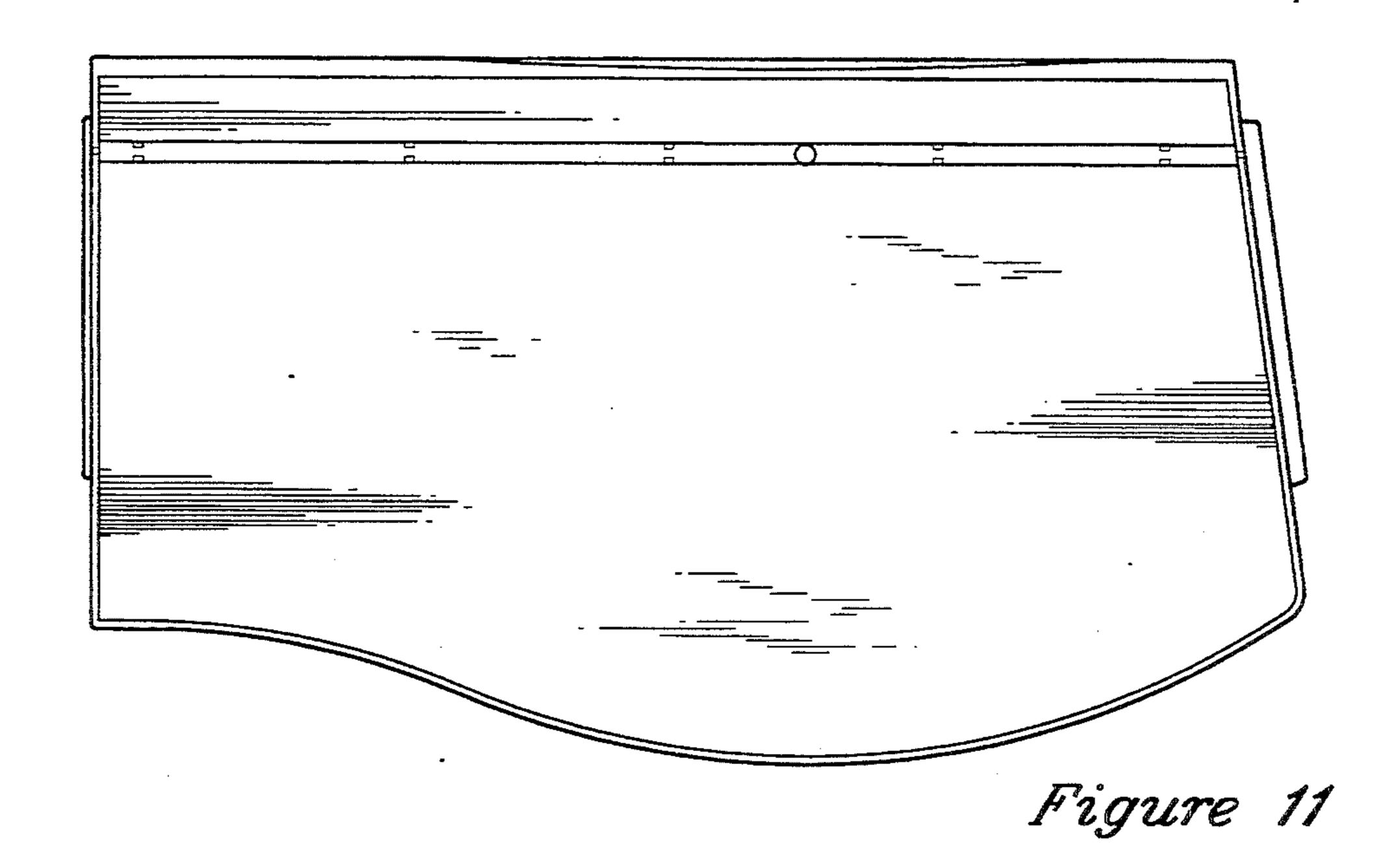
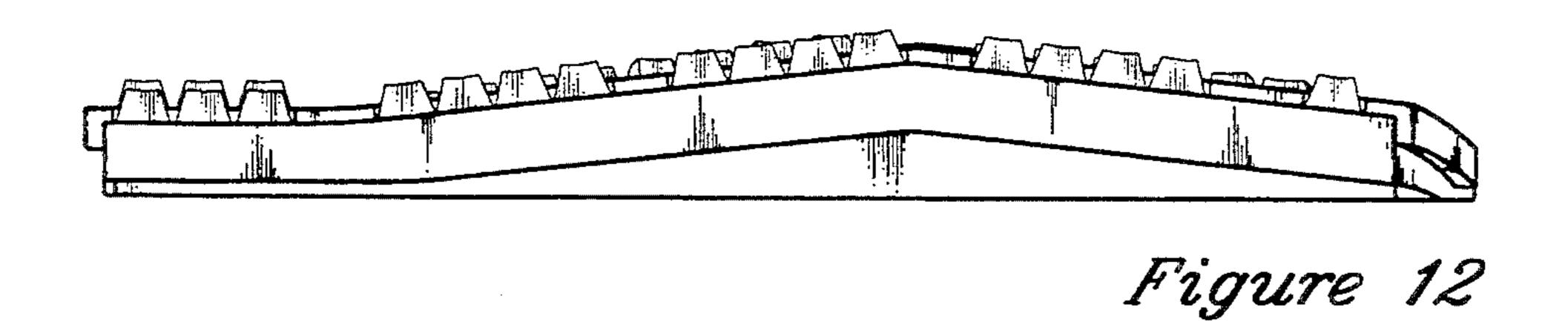


Figure 8









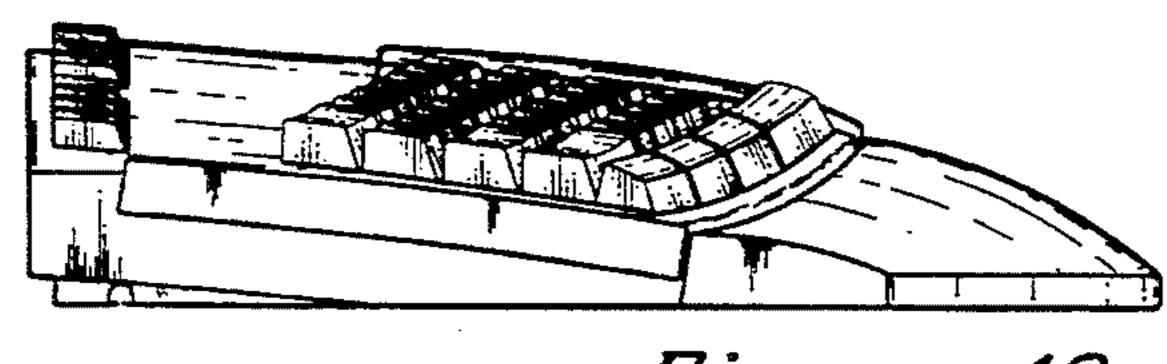


Figure 13

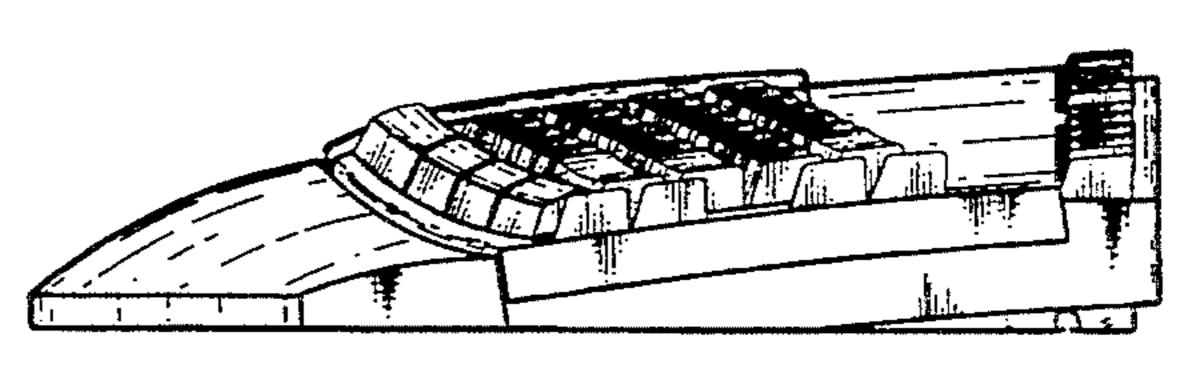


Figure 14

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : Des. 357,476

DATED : April 18, 1995

INVENTOR(S): Mike M. Paull, et. al.

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

Title page, item [73], Assignee: delete "Ziba Design, Inc., Portland, Oreg. and substitute therefor --Microsoft Corporation, Redmond, Wash.--

Signed and Sealed this

Thirtieth Day of November, 1999

Attest:

Q. TODD DICKINSON

Attesting Officer

Acting Commissioner of Patents and Trademarks