



US00D352299S

United States Patent [19]

Joly et al.

[11] Patent Number: Des. 352,299

[45] Date of Patent: ** Nov. 8, 1994

[54] INERTIAL SENSOR SUPPORT STRUCTURE
FOR ACCELEROMETERS AND GYROS

[75] Inventors: Lucien E. Joly, Cook; Michael A. Knipfer, Maple Grove; Michelle J. Miller, Minneapolis, all of Minn.; George O. Mitzschke, St. Petersburg, Fla.; Mark T. Weinberger, Mounds View, Minn.

[73] Assignee: Honeywell Inc., Minneapolis, Minn.

[**] Term: 14 Years

[21] Appl. No.: 5,969

[22] Filed: Mar. 19, 1993

Related U.S. Application Data

[62] Division of Ser. No. 977,319, Nov. 17, 1992.
[52] U.S. Cl. D15/199
[58] Field of Search 73/504; 33/321;
D15/199; D10/65, 80

[56]

References Cited

U.S. PATENT DOCUMENTS

D. 317,132 5/1991 Knipfer et al. D15/199
3,269,179 8/1966 Anderson .
3,489,004 1/1970 Barnhill et al. .

OTHER PUBLICATIONS

Honeywell Air Transport Sys. Div.—Charles R. McClary, Position, Location, Navigation Symposium 1992. ADIRS; Fault-Tolerant; no date provided.

Primary Examiner—Nelson C. Holtje
Assistant Examiner—Antoine D. Davis
Attorney, Agent, or Firm—Robert A. Pajak

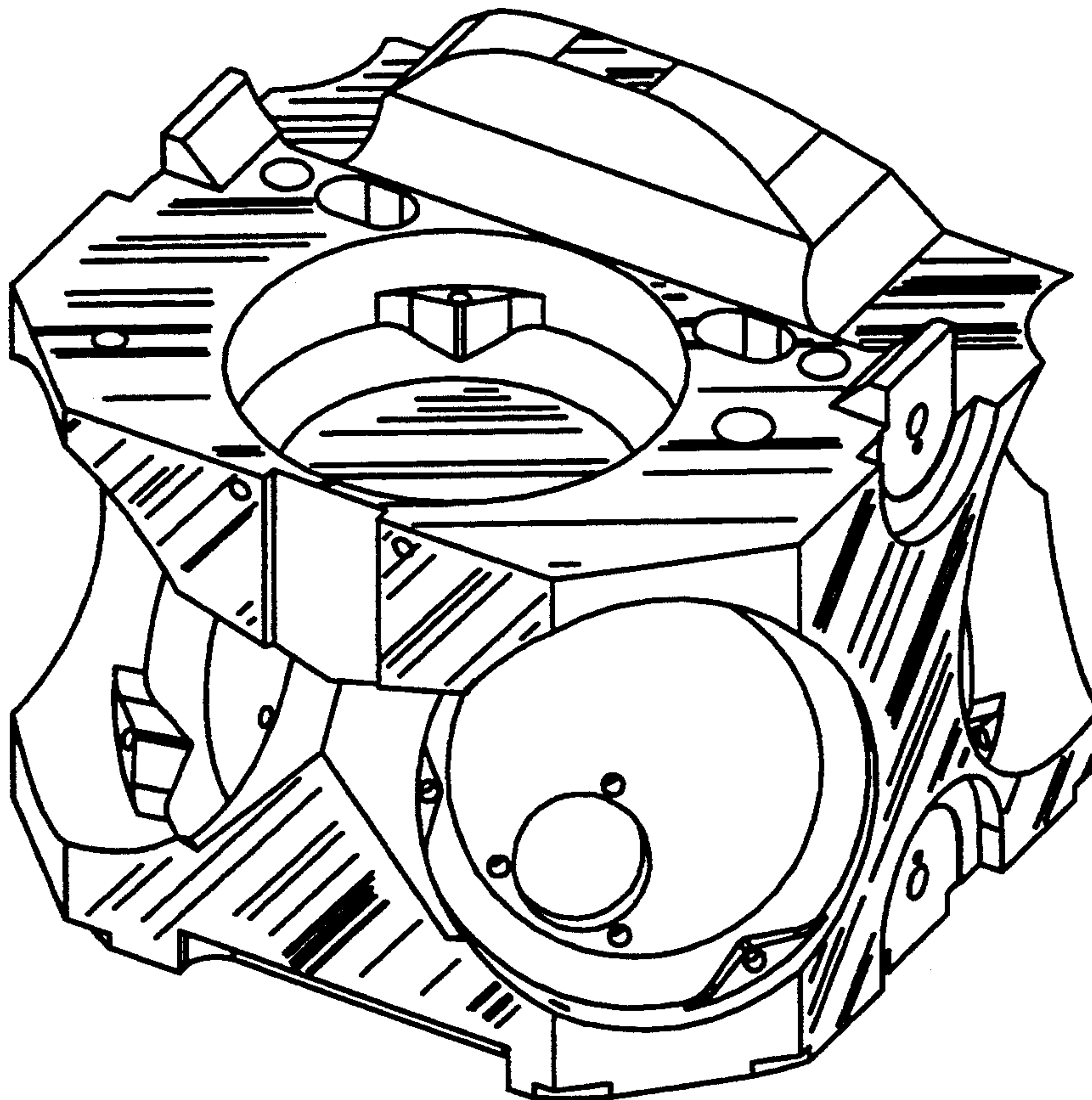
[57]

CLAIM

The ornamental design for an inertial sensor support structure for accelerometers and gyros, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the inertial sensor support showing mounting surfaces for gyros;
FIG. 2 is a left side perspective of FIG. 1;
FIG. 3 is a rear view of the perspective of FIG. 1;
FIG. 4 is a bottom view of the perspective of FIG. 1 rotated 180° showing mounting surfaces for accelerometers; and,
FIG. 5 is a bottom view of FIG. 1 rotated 90°.



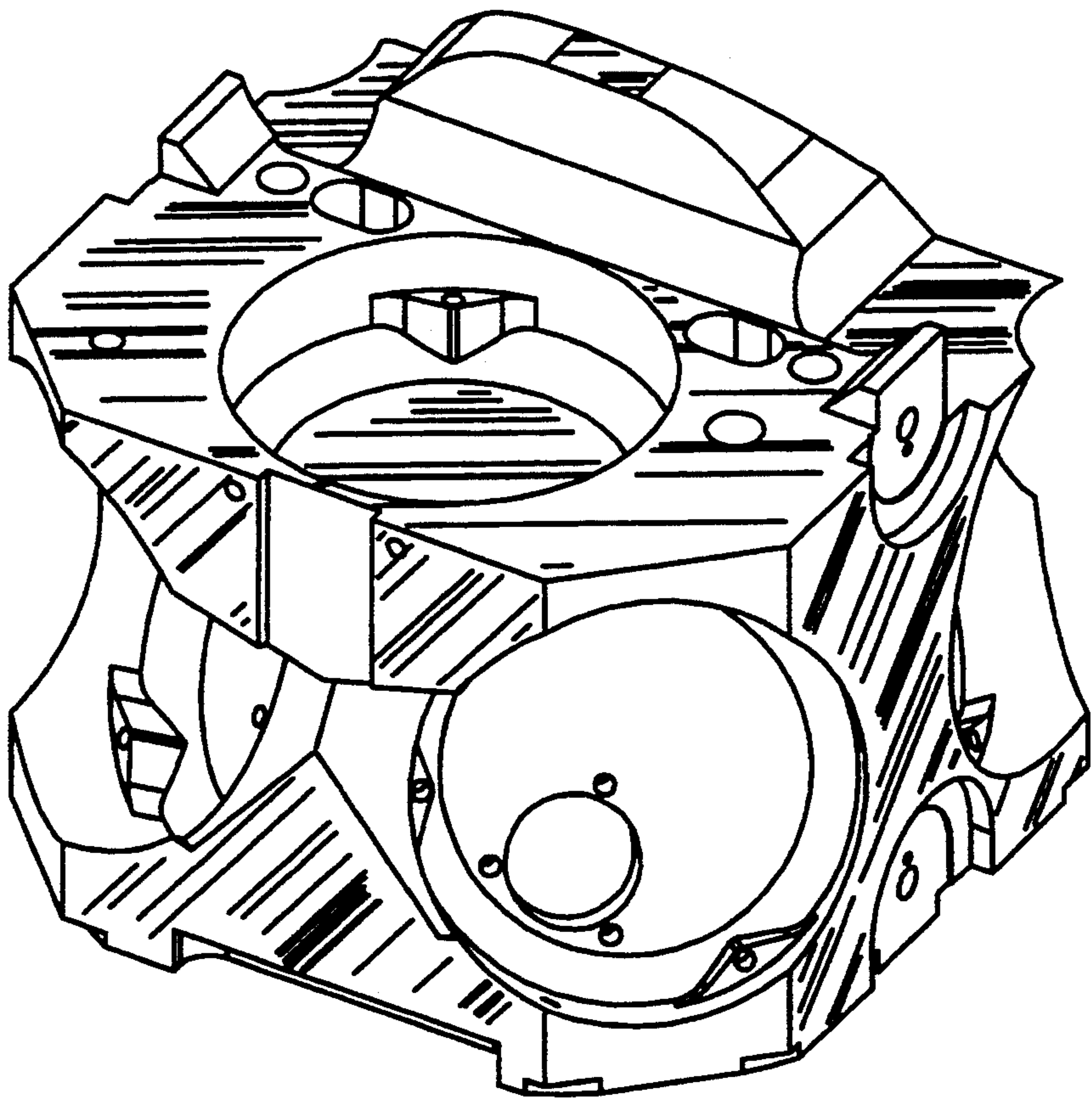


Fig. 1

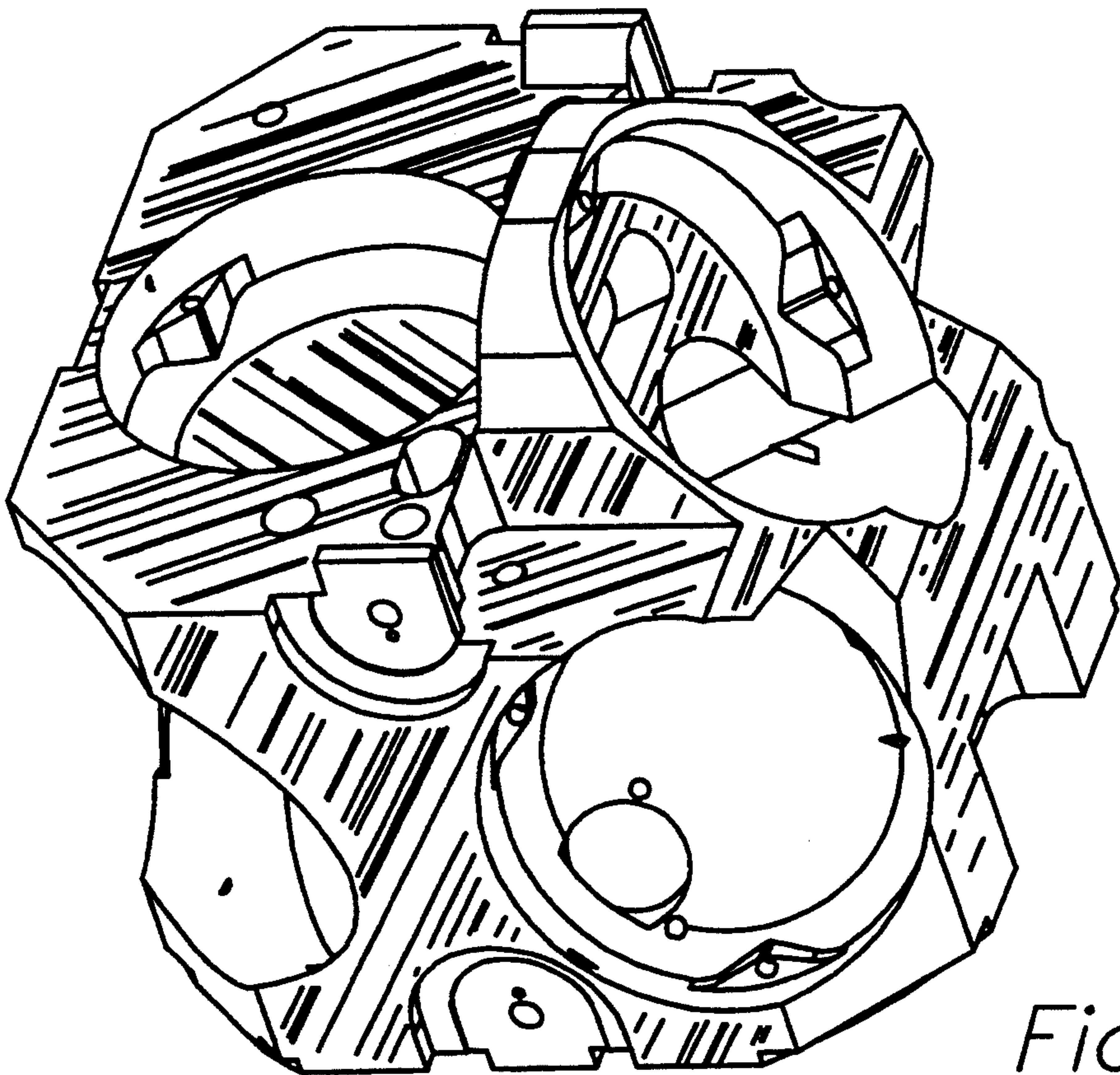


Fig. 2

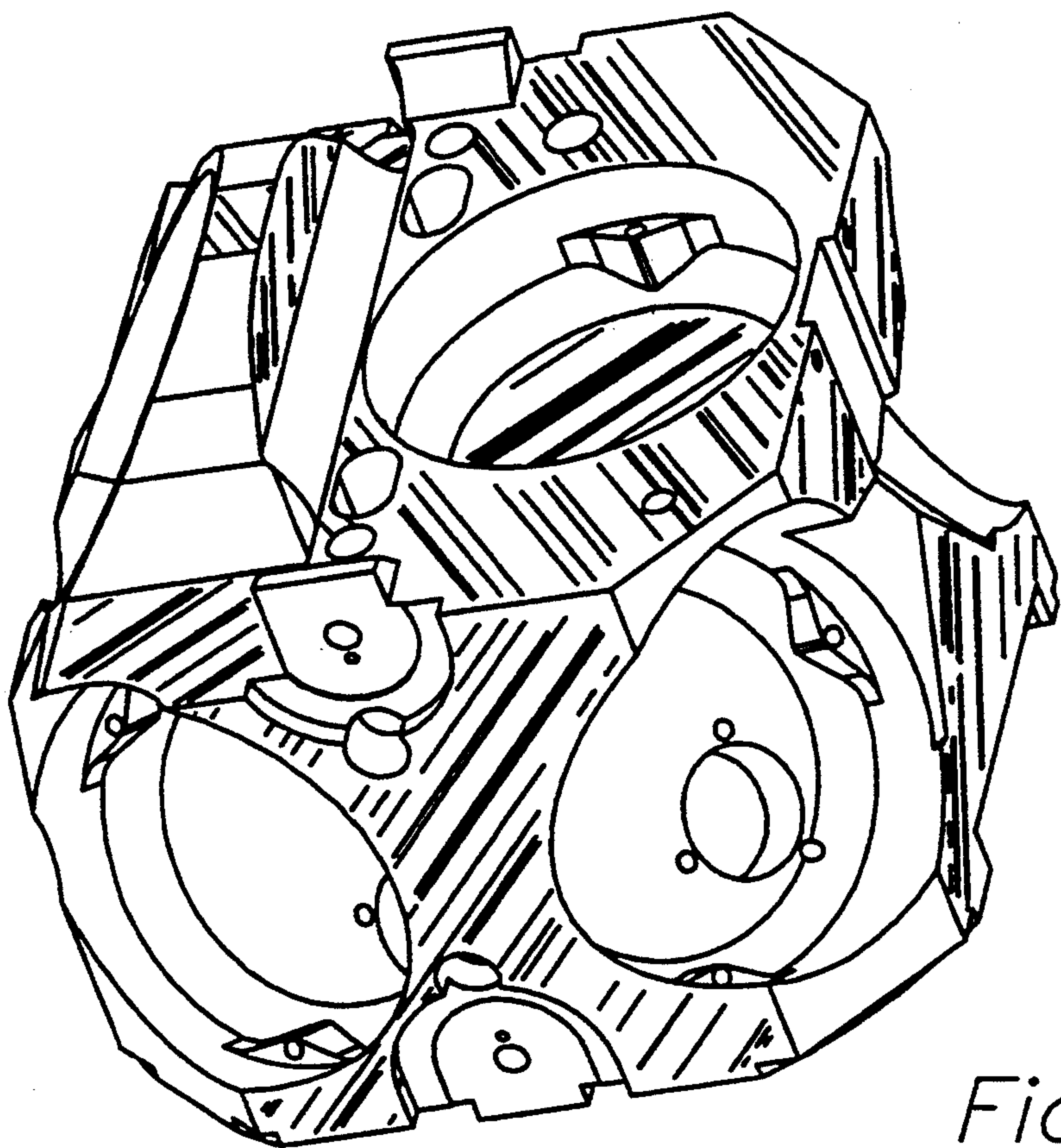


Fig. 3

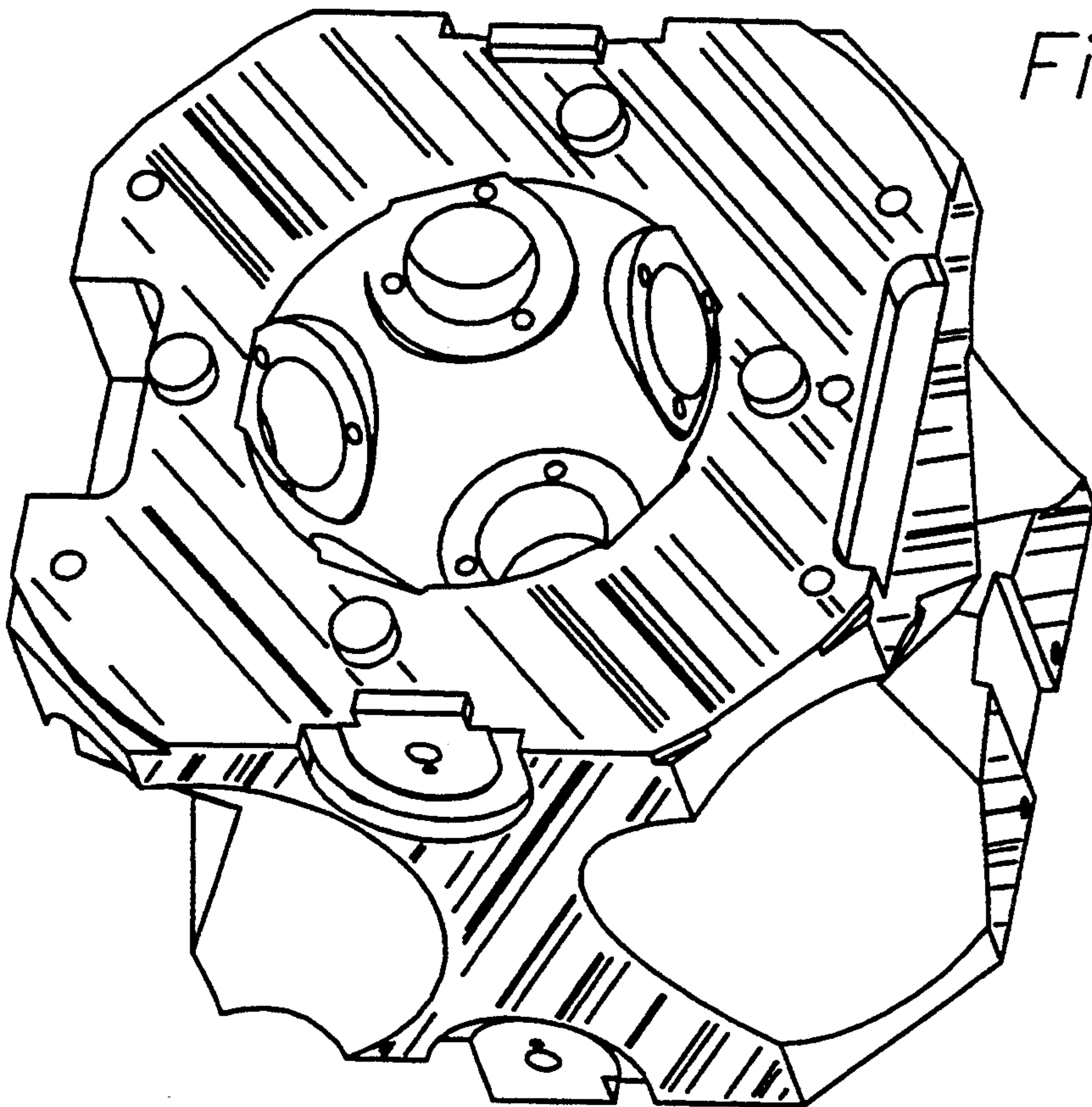


Fig. 4

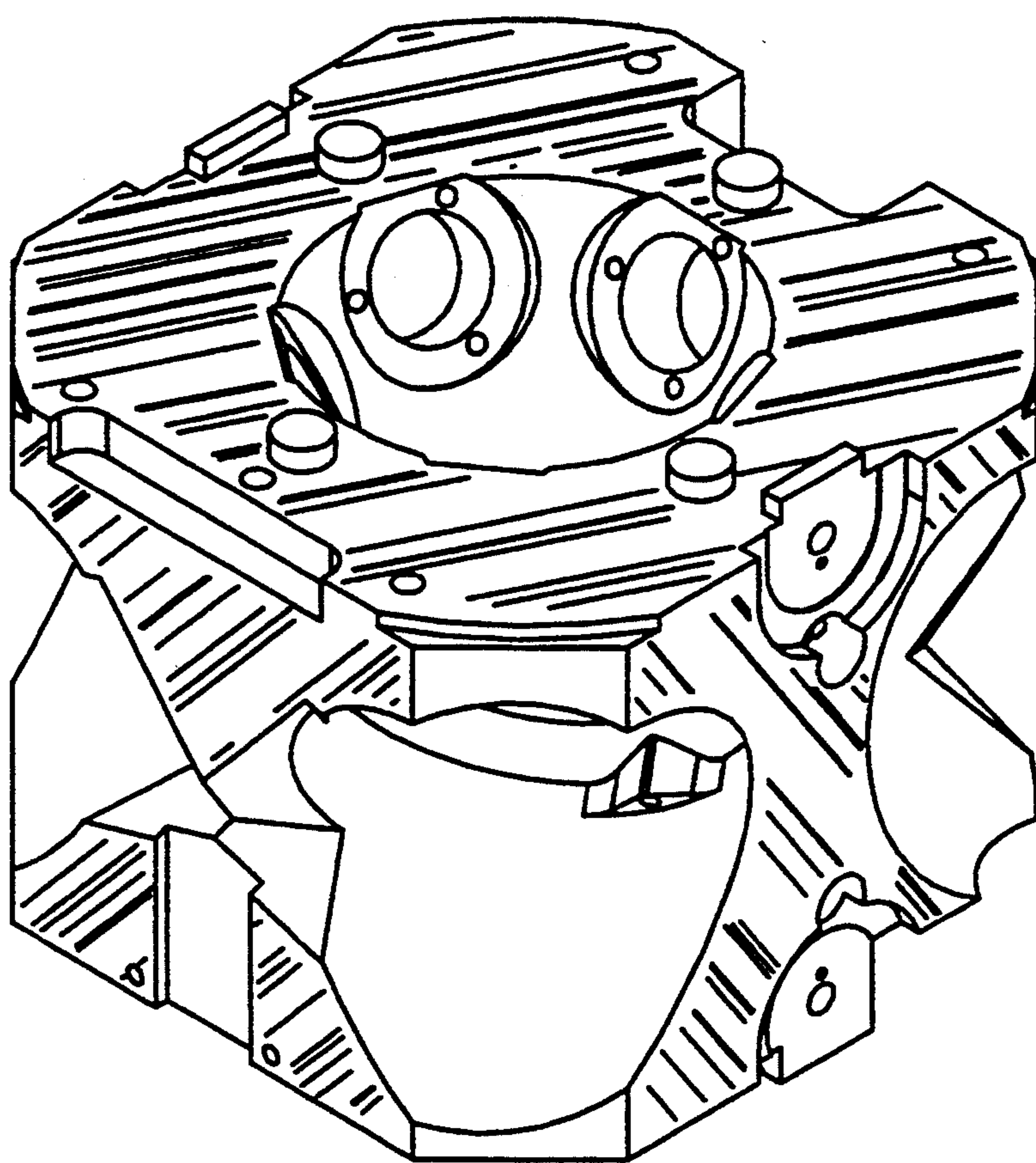


Fig. 5