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(12) United States Design Patent

Wang et al.

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(54) **MINI-NODE FIBER OPTIC TRANSMITTER/ RECEIVER**

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(73) Assignee: **Phoenix Communication Technology**, Gilbert, AZ (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/144,127**

(22) Filed: **Jun. 27, 2001**

(51) **LOC (7) Cl.** **14-02**
(52) **U.S. Cl.** **D14/358**
(58) **Field of Search** D14/356, 358, D14/432, 433; D13/162, 184, 199, 147, 123, 133, 154; 361/690–696; 385/76, 88, 129; D20/18

(56) **References Cited**

U.S. PATENT DOCUMENTS

D305,230	S	*	12/1989	Math	D14/358
5,199,093	A	*	3/1993	Longhurst	385/88
D381,978	S	*	8/1997	Nakada et al.	D14/358
D382,255	S	*	8/1997	Moffatt	D14/358
D389,123	S	*	1/1998	Vernon	D13/147
D389,523	S	*	1/1998	Siebold et al.	D20/18
D389,802	S	*	1/1998	Vernon	D13/147
5,748,821	A	*	5/1998	Schempp et al.	385/76

* cited by examiner

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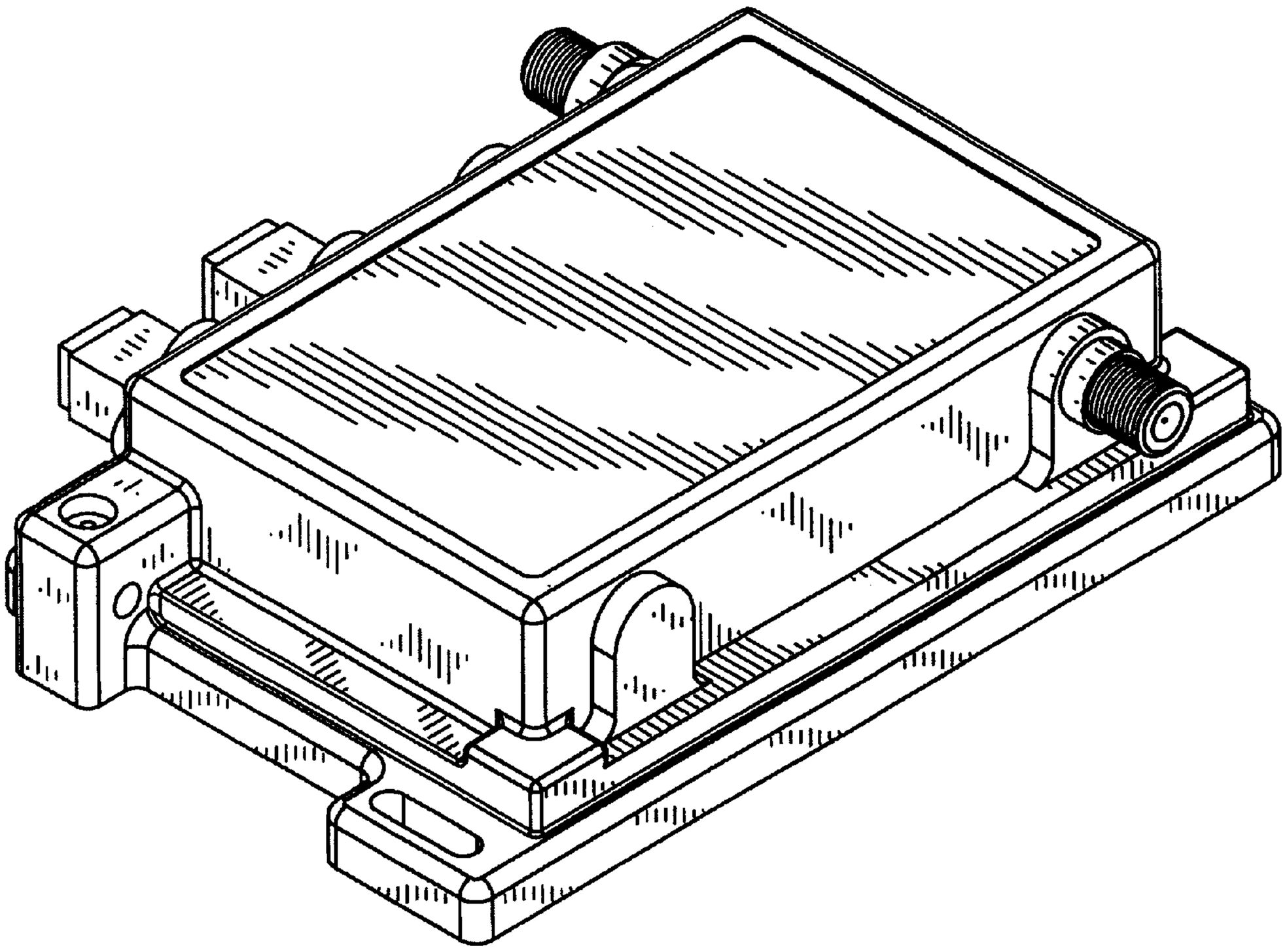
(57) **CLAIM**

The ornamental design for a mini-node fiber optic transmitter/receiver, as shown and described.

DESCRIPTION

FIG. **1** is a top front perspective view of the mini-node fiber optic transmitter/receiver of our new design;
FIG. **2** is a front elevation thereof;
FIG. **3** is a rear elevation thereof;
FIG. **4** is a right side elevation thereof;
FIG. **5** is a left side elevation thereof;
FIG. **6** is a top plan view thereof; and,
FIG. **7** is a bottom plan view thereof.

1 Claim, 3 Drawing Sheets



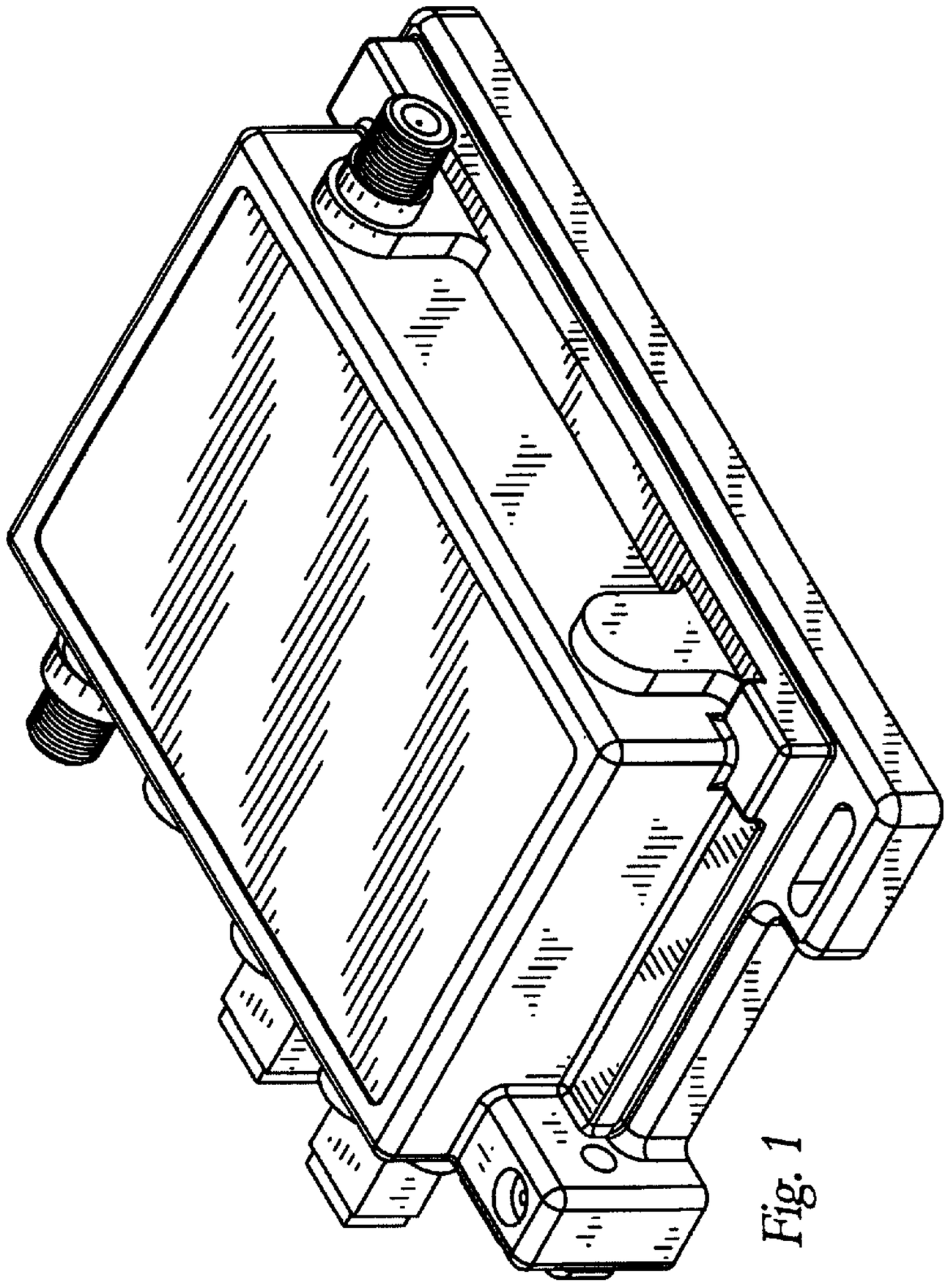


Fig. 1

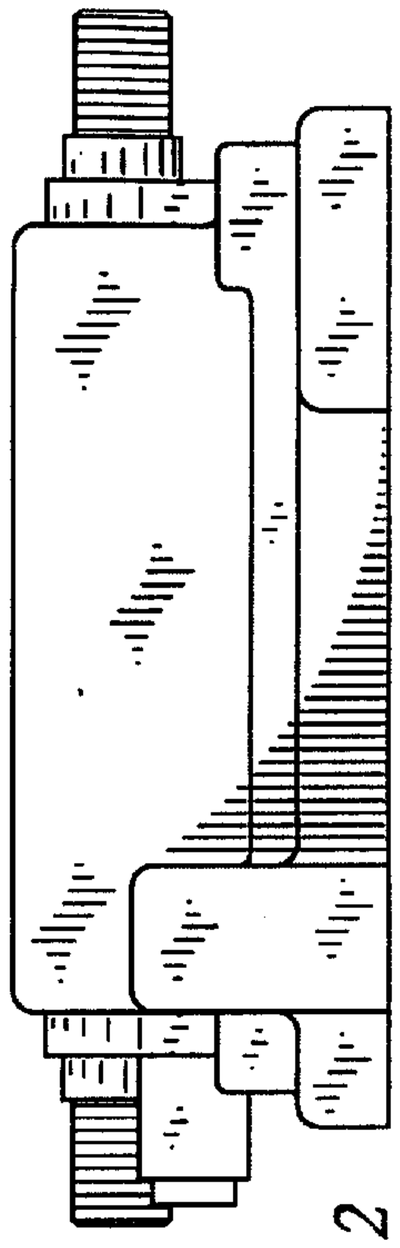


Fig. 2

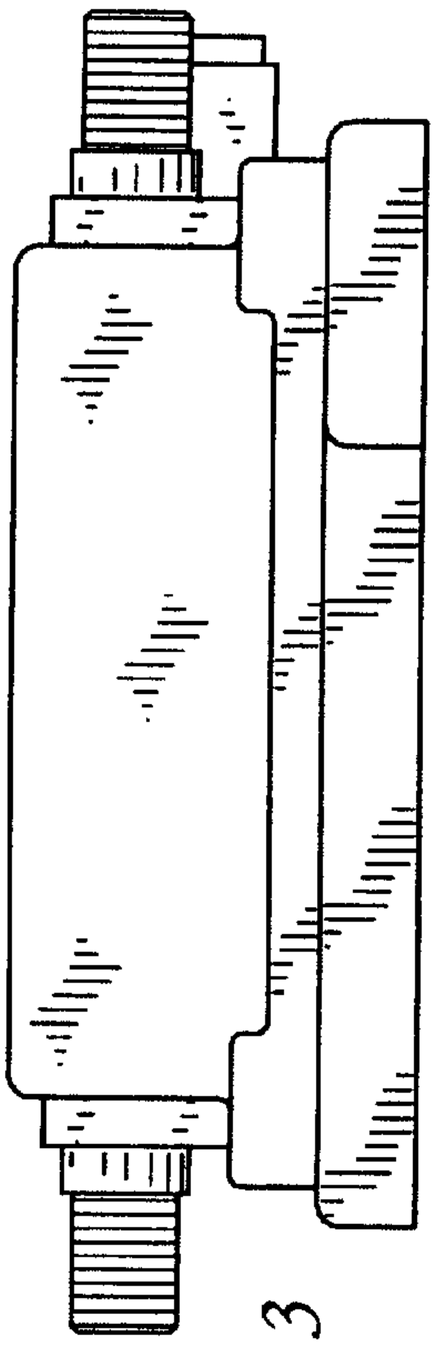


Fig. 3

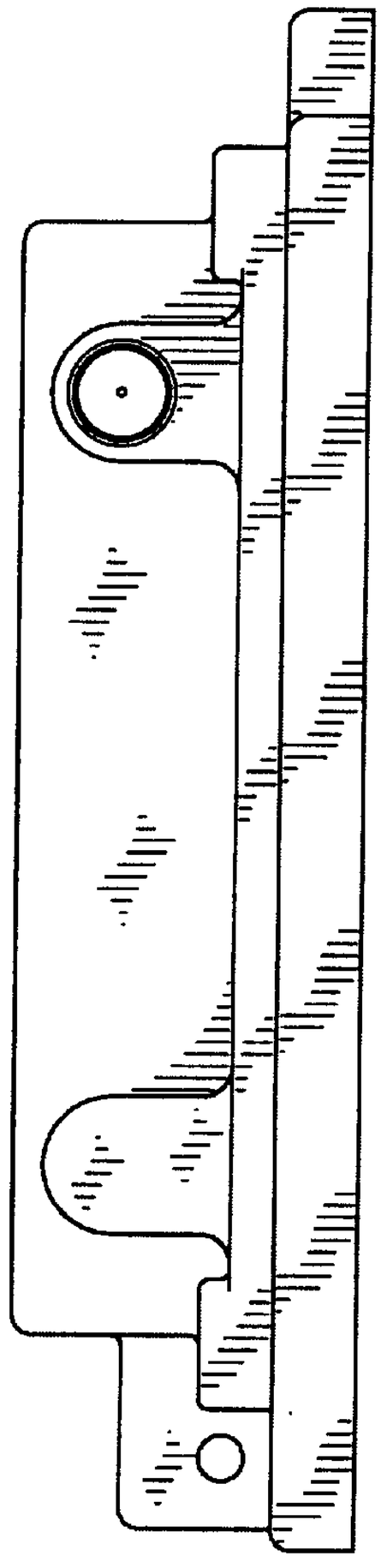


Fig. 4

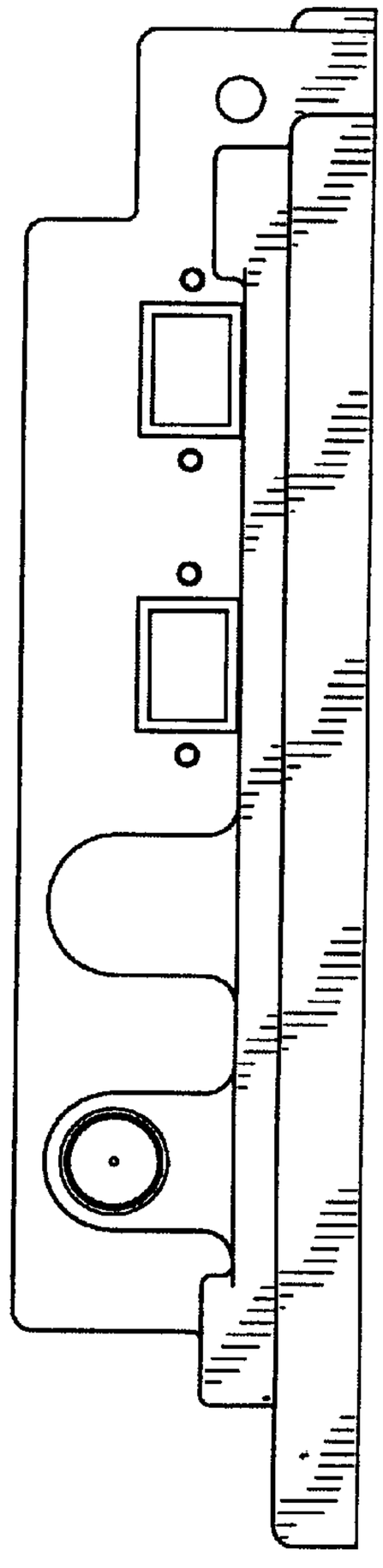


Fig. 5

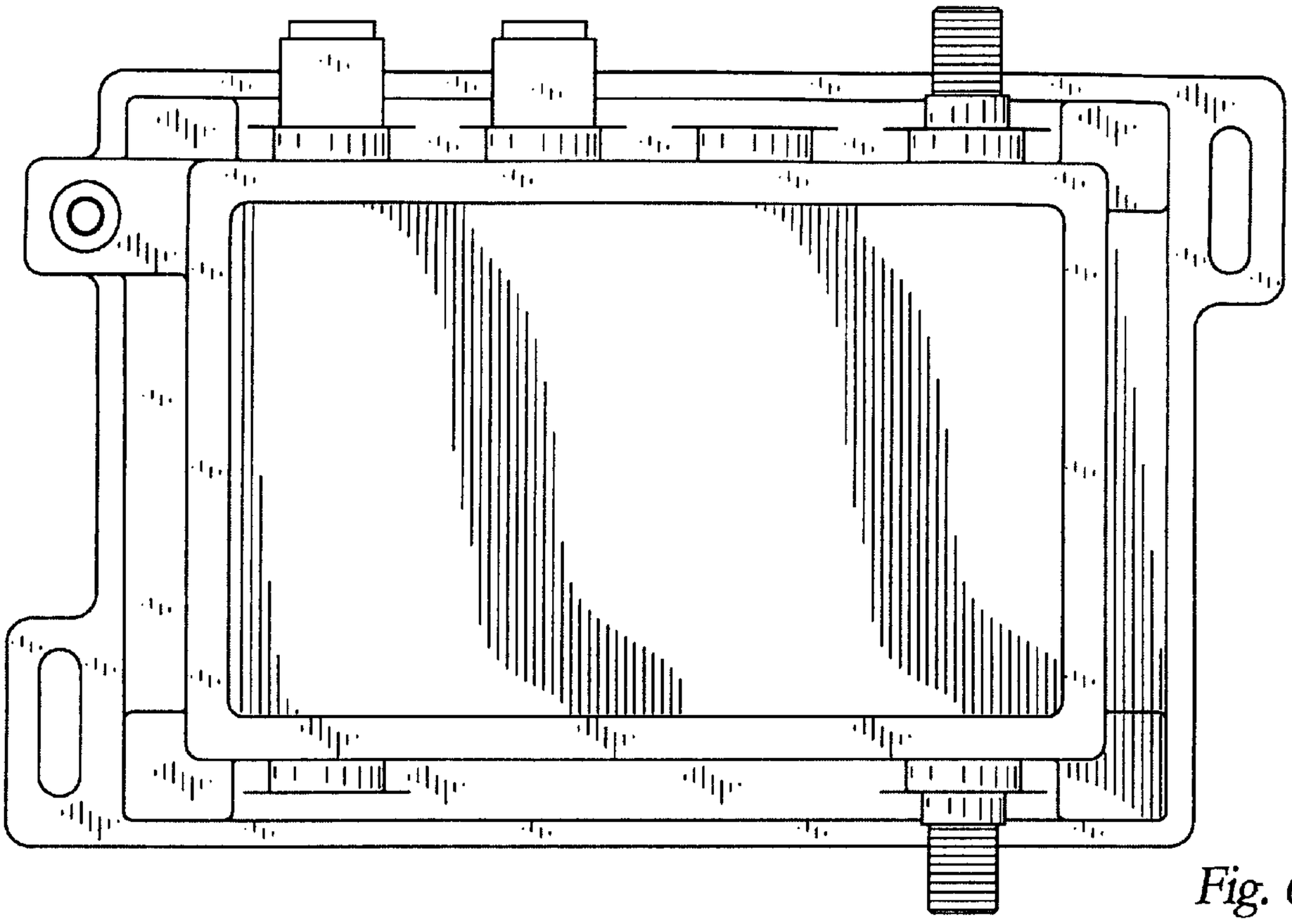


Fig. 6

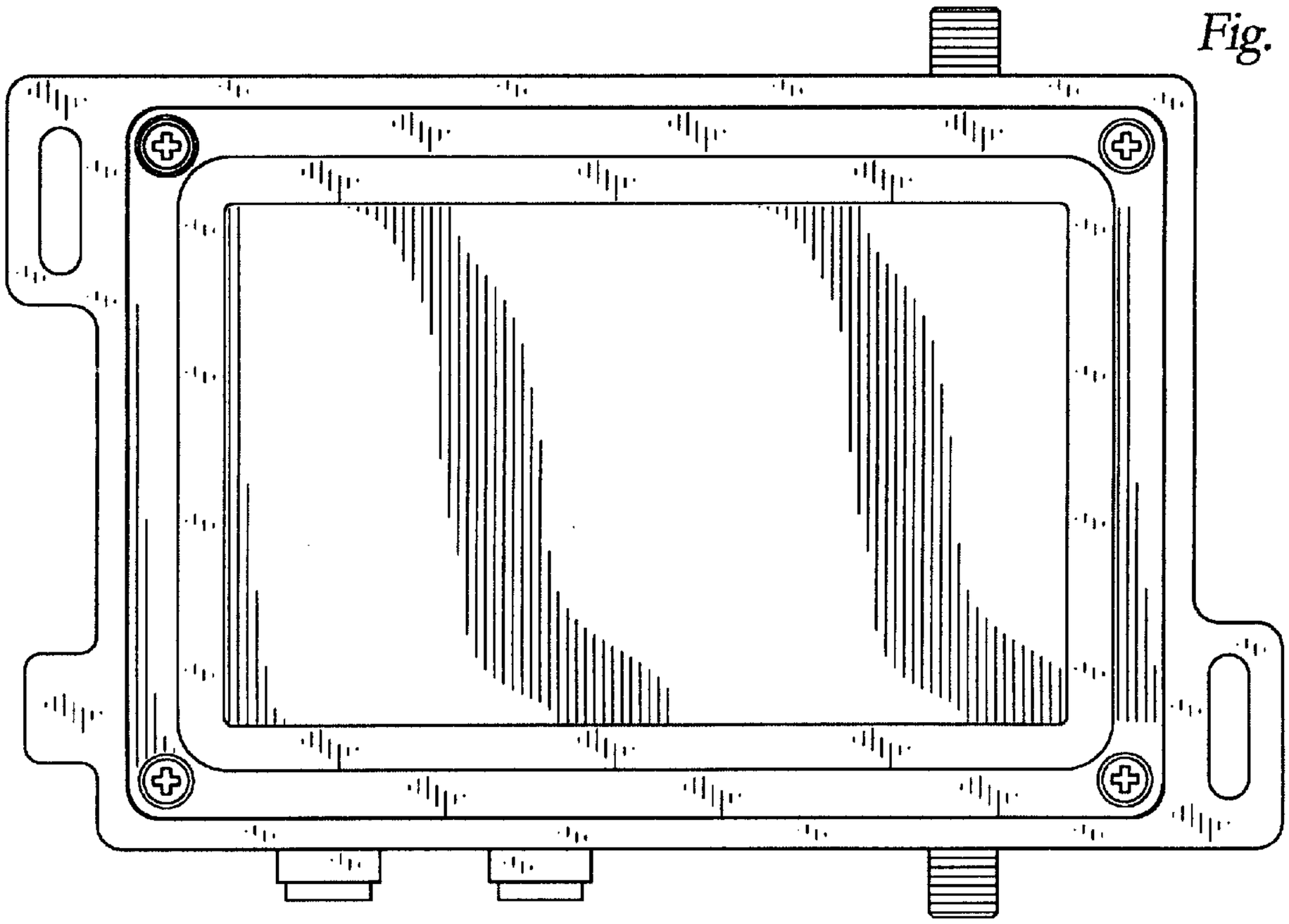


Fig. 7