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(12) **United States Design Patent**
Ko

(10) **Patent No.:** **US D448,045 S**

(45) **Date of Patent:** **** Sep. 18, 2001**

(54) **RING BINDER HAVING A TORSIONALLY STIFFENED BLADE**

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

* cited by examiner

(21) Appl. No.: **29/134,310**

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(22) Filed: **Dec. 20, 2000**

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(51) **LOC (7) Cl.** **19-04**

(52) **U.S. Cl.** **D19/27**

(58) **Field of Search** D19/22, 27, 32;
402/31, 38, 37, 36, 41

(57) **CLAIM**

The ornamental design for ring binder having a torsionally stiffened blade, as shown and described.

DESCRIPTION

(56) **References Cited**

U.S. PATENT DOCUMENTS

D. 389,182	1/1998	Law .	
D. 389,183	1/1998	Chan .	
D. 397,146	8/1998	Chan .	
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FIG. 1 is a side elevational view of a ring binder, showing my new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a bottom plan view of one blade of the binder shown separately for ease of illustration; and,
FIG. 5 is a sectional view taken on the plane 5—5 in FIG. 4.

1 Claim, 3 Drawing Sheets

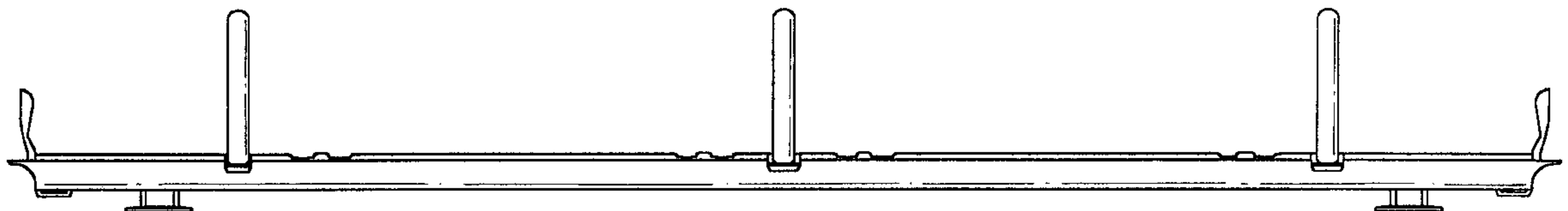


FIG. 1

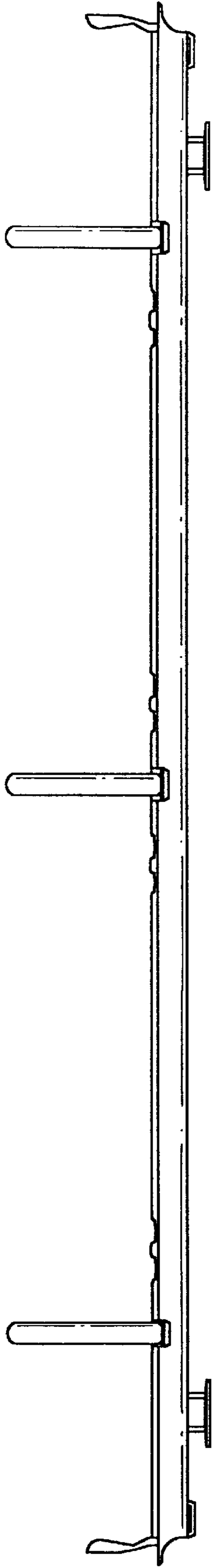


FIG. 2

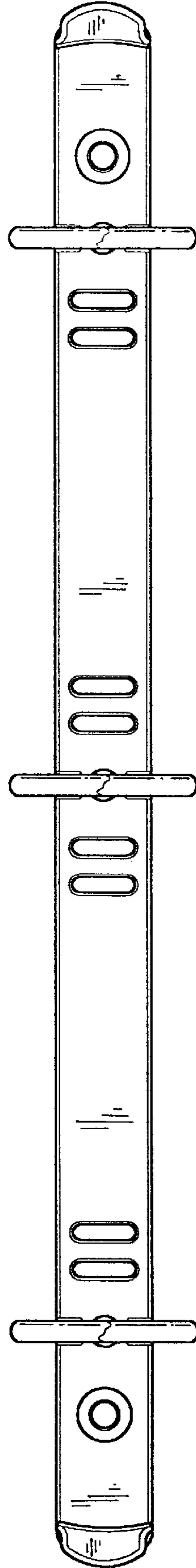


FIG. 3

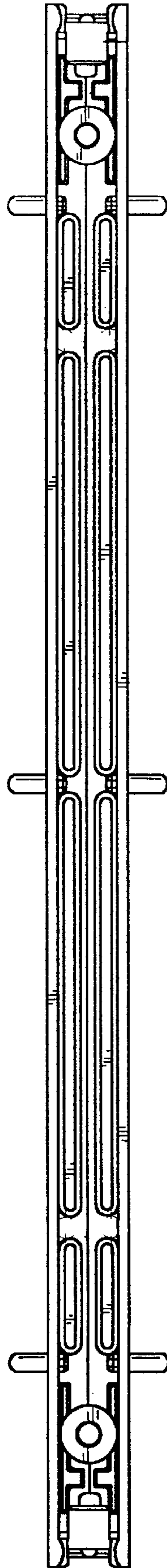


FIG. 4

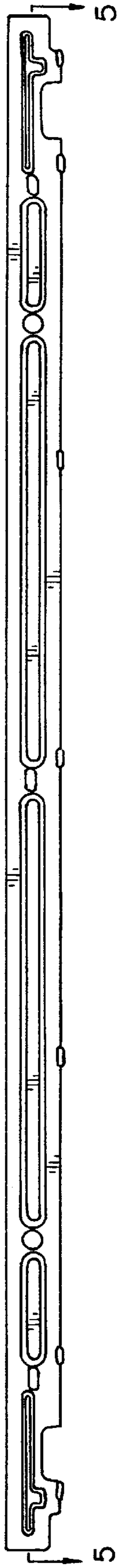


FIG. 5

