

## (12) United States Design Patent (10) Patent No.: US D457,559 S To (45) Date of Patent: \*\* May 21, 2002

(54) **RING BINDER** 

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- (\*\*) Term: 14 Years

5,980,146	Α	11/1999	То	
6,045,286	Α	* 4/2000	Tung	402/37
D426,571	S	6/2000	То	
D433,445	S	7/2000	То	
D434,071	S	11/2000	То	
6,217,247	<b>B</b> 1	4/2001	Ng	

\* cited by examiner

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(56) References CitedU.S. PATENT DOCUMENTS

3,263,687 A	8/1966	Weichert
4,552,478 A	11/1985	Cohen
D325,928 S	* 5/1992	Bourgedis D19/27
5,332,327 A	* 7/1994	Gillum 402/31
D377,805 S	2/1997	То
D382,593 S	8/1997	То
D392,997 S	* 3/1998	Chan D19/32
D408,851 S	4/1999	То
5,971,649 A	10/1999	То

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(57)

### CLAIM

The ornamental design for a ring binder, as shown and described.

### DESCRIPTION

FIG. 1 is a perspective view of a ring binder showing my new design with the rings in the closed position;FIG. 2 is a view similar to FIG. 1 with the rings in the open position;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a top plan view thereof; and,

FIG. 5 is a left end elevational view thereof with the rings in the closed position, the right end being a mirror image thereof.

The broken lines shown in the drawings are for illustrative purposes only and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



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