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# United States Patent [19]

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**Chuck**

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[54] **HAND OPERATED OPENER FOR FOLD OPEN TYPE CARTON SPOUTS**

D. 306,124 2/1990 Hoilien ..... D8/18  
D. 308,322 6/1990 Borden ..... D8/40  
4,507,988 4/1985 Lofaso et al. .... 81/3.09

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[\*\*] Term: **14 Years**

[57] **CLAIM**

[21] Appl. No.: **20,819**

The ornamental design for a hand operated opener for fold open type carton spouts, as shown.

[22] Filed: **Apr. 4, 1994**

**DESCRIPTION**

[30] **Foreign Application Priority Data**

Oct. 22, 1993 [CA] Canada ..... 22-10-93-3

[52] U.S. Cl. .... **D8/40**

[58] Field of Search ..... D8/16-18,  
D8/33, 40, 41; 81/3.07, 3.09, 3.55; 7/151, 156

FIG. 1 is a side elevational view of a hand operated opener for fold open type carton spouts showing my new design;  
FIG. 2 is an opposite side elevational view thereof;  
FIG. 3 is a top edge view thereof;  
FIG. 4 is a bottom edge view thereof;  
FIG. 5 is an end view thereof, as viewed from the left of FIG. 1; and,  
FIG. 6 is an end view thereof, as viewed from the right of FIG. 1.

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 249,574 9/1978 Krlevich ..... D8/18  
D. 267,391 12/1982 Kroeger et al. .... D8/18

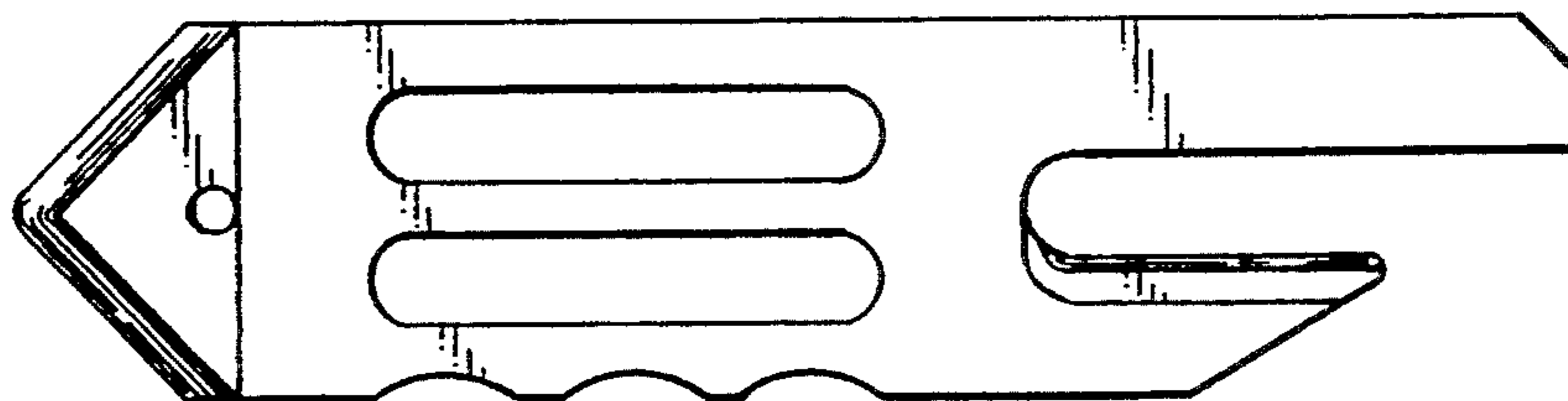


FIG. 1

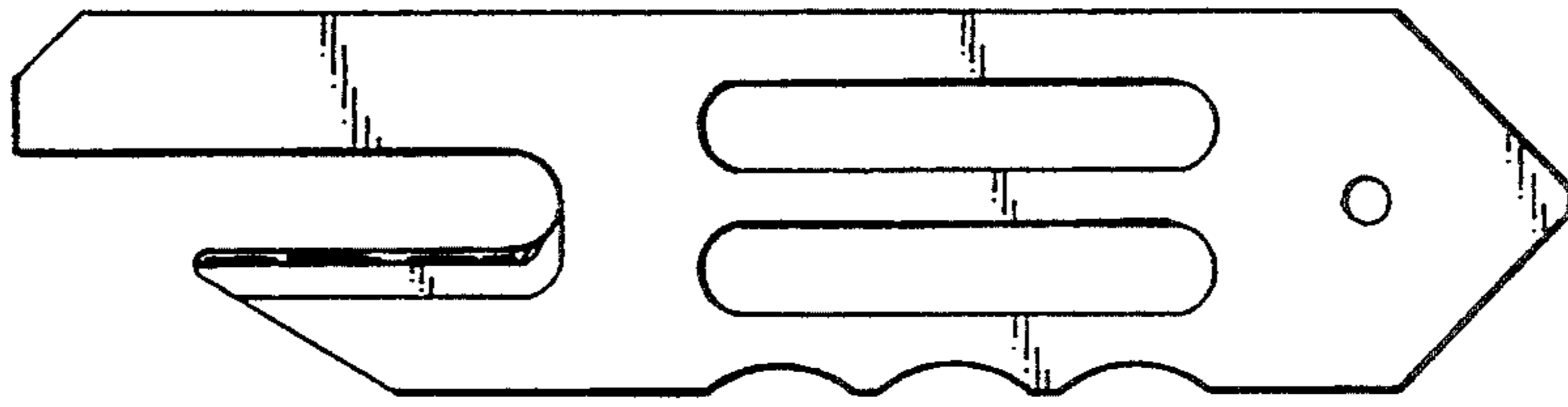


FIG. 2

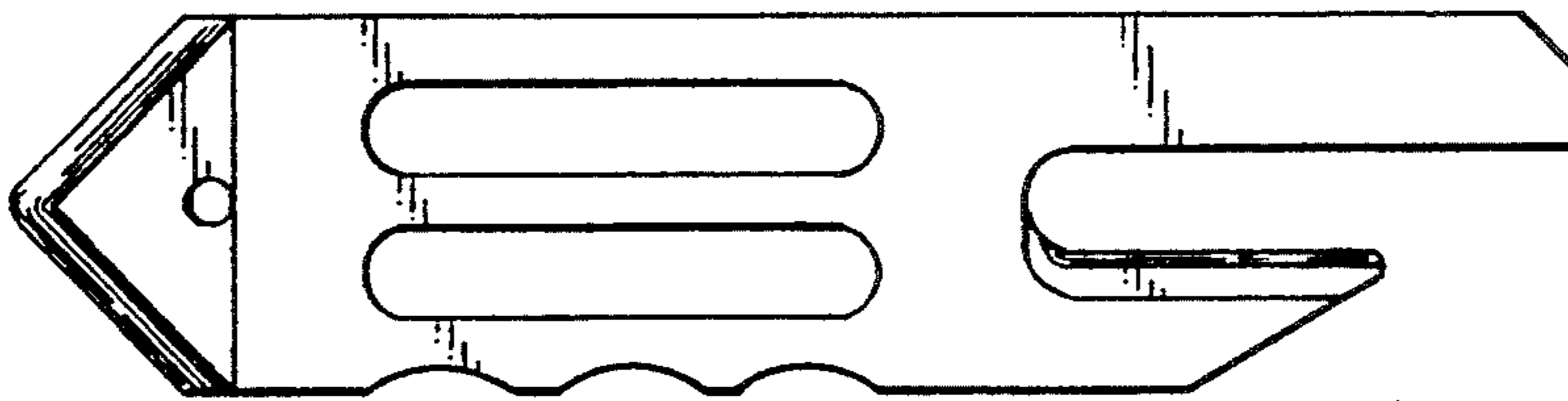


FIG. 3



FIG. 4

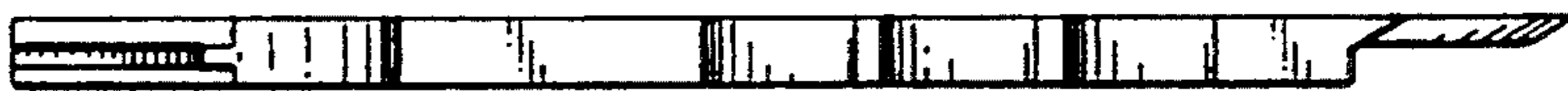


FIG. 5



FIG. 6

