



US00D355669S

**United States Patent** [19]  
**Iwasaki et al.**

[11] **Patent Number: Des. 355,669**  
[45] **Date of Patent: \*\* Feb. 21, 1995**

[54] **GRAVURE ROLL**  
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    **both of Ebina, Japan**  
[73] **Assignee: Yasui Seiki Co., Ltd., Tokyo, Japan**  
[\*\*] **Term: 14 Years**  
[21] **Appl. No.: 214,149**  
[22] **Filed: Jun. 30, 1988**

45812 10/1983 Japan .  
83236 12/1983 Japan .  
10044 5/1978 Switzerland .  
4128077 5/1978 Switzerland .  
1017640 1/1966 United Kingdom .  
2237556 1/1973 United Kingdom .  
36166 4/1973 United Kingdom .  
1349173 3/1974 United Kingdom .  
26307 4/1979 United Kingdom .

[30] **Foreign Application Priority Data**  
    Jan. 5, 1988 [JP] Japan ..... 63-8  
[52] **U.S. Cl. .... D18/18**  
[58] **Field of Search ..... D18/22; 101/389.1, 92,**  
    **101/382, 387, 170, 118, 92, 147, 141, 150, 153,**  
    **156; D4/123; 15/215, 122, 123, 124, 129;**  
    **D26/122; 358/299; D25/128, 129, 143, 113,**  
    **145, 157, 138, 103, 107, 104, 106, 138, 157;**  
    **D8/90**

**OTHER PUBLICATIONS**

Handbook on Gravure Printing—Pub dat Jul. 25, 1981  
M. Arcbi Editor pp. 1-3.  
Nicholson File Co. Cat. ©1957—Item “N7P” top cen-  
ter of p. 69.

*Primary Examiner*—A. Hugo Word  
*Assistant Examiner*—R. T. Seifert

[56] **References Cited**  
**U.S. PATENT DOCUMENTS**  
1,078,966 11/1913 Story ..... 101/387  
1,787,388 12/1930 McLean ..... D25/106  
2,338,558 1/1944 Wickwire, Jr. .... 101/170  
3,186,336 6/1965 Kirby ..... 101/389.1

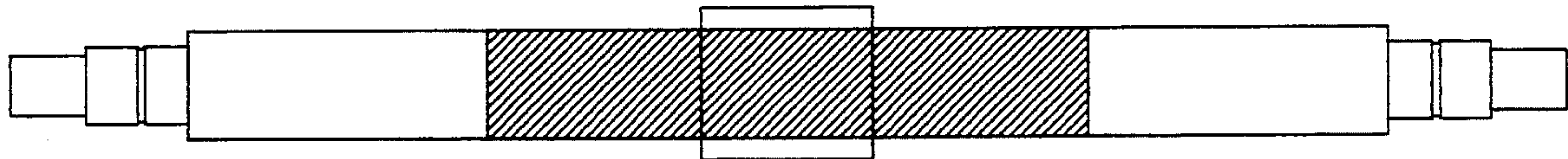
[57] **CLAIM**  
The ornamental design for a gravure roll, as shown and  
described.

**FOREIGN PATENT DOCUMENTS**

18043 1/1972 Australia .  
2360353 3/1978 France .  
2526390 5/1976 Germany .  
0214574 3/1978 Japan .

**DESCRIPTION**

FIG. 1 is a front elevational view of a gravure roll  
showing my new design, the opposite side being identi-  
cal;  
FIG. 2 is a top plan view, the opposite side being identi-  
cal;  
FIG. 3 is an end elevational view, the opposite side  
being identical;  
FIG. 4 is an enlarged partial view of the pattern shown  
in a flattened condition; and,  
FIG. 5 is a sectional view taken along lines 5—5.



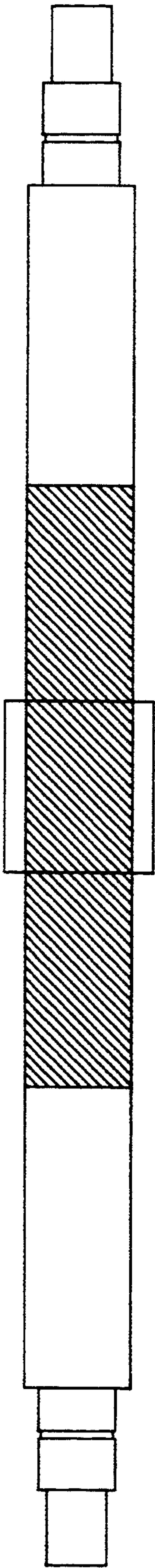


FIG 1

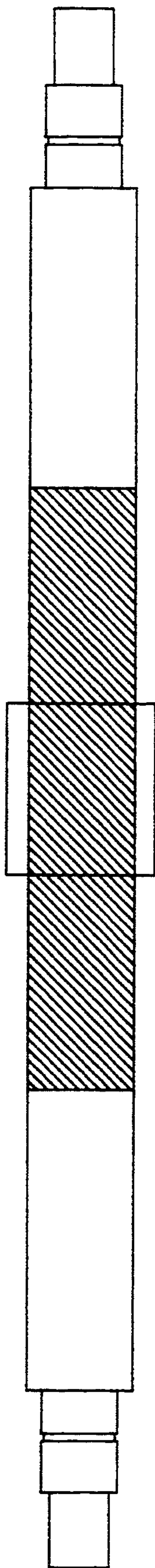


FIG 2

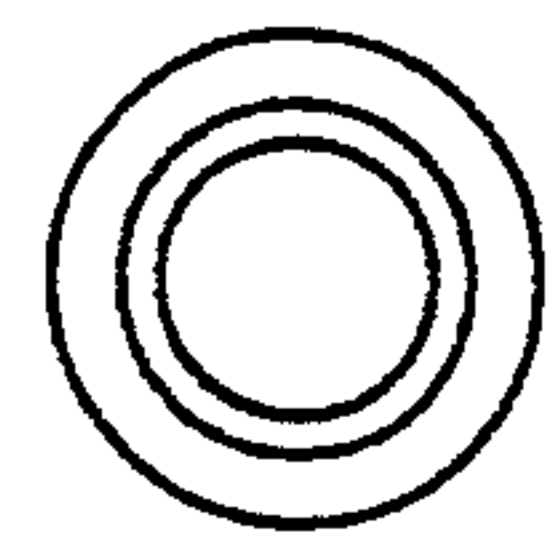


FIG 3

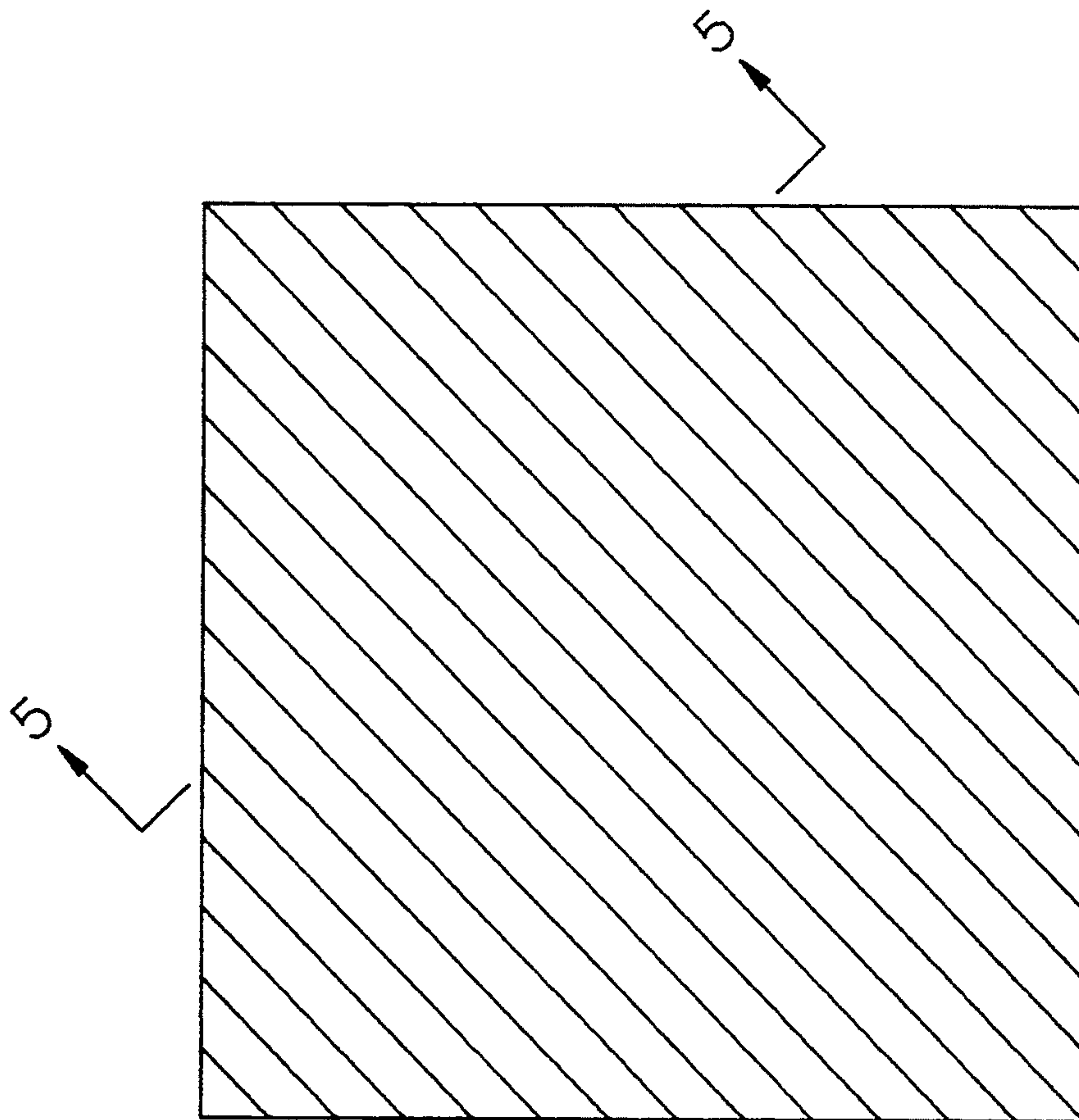


FIG 4

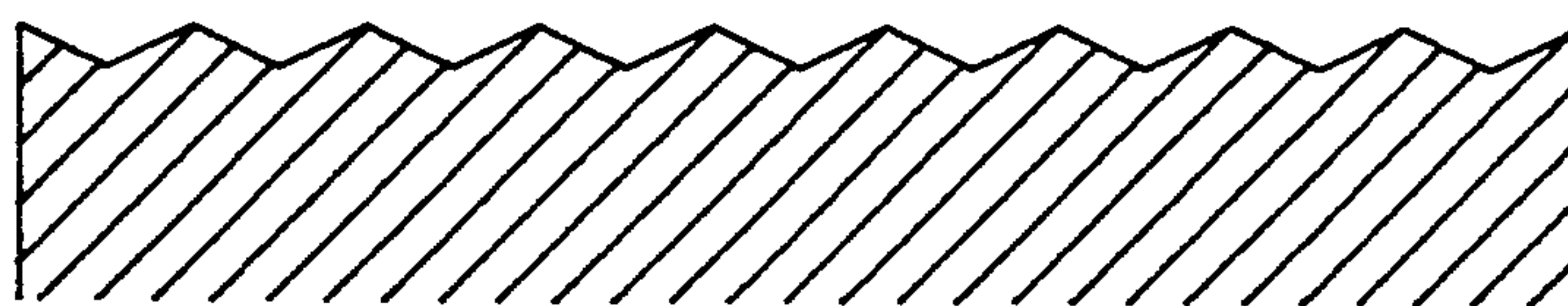


FIG 5