



US00D355669S

United States Patent [19]

[11] Patent Number: Des. 355,669

Iwasaki et al.

[45] Date of Patent: ** Feb. 21, 1995

[54] GRAVURE ROLL

[75] Inventors: Takashi Iwasaki; Yoshinari Yasui,
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

[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

[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

FOREIGN PATENT DOCUMENTS

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

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 .

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 center
of p. 69.

Primary Examiner—A. Hugo Word

Assistant Examiner—R. T. Seifert

[57] CLAIM

The ornamental design for a gravure roll, as shown and
described.

DESCRIPTION

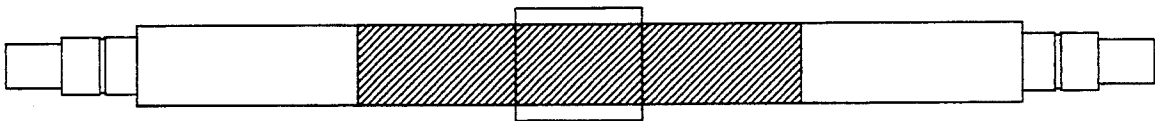
FIG. 1 is a front elevational view of a gravure roll
showing my new design, the opposite side being identi-
cal;

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.



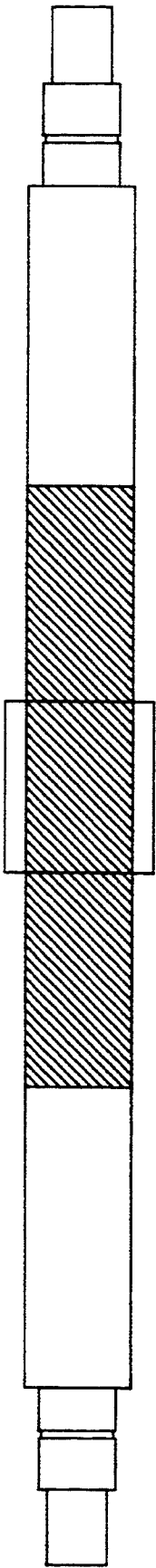


FIG 1

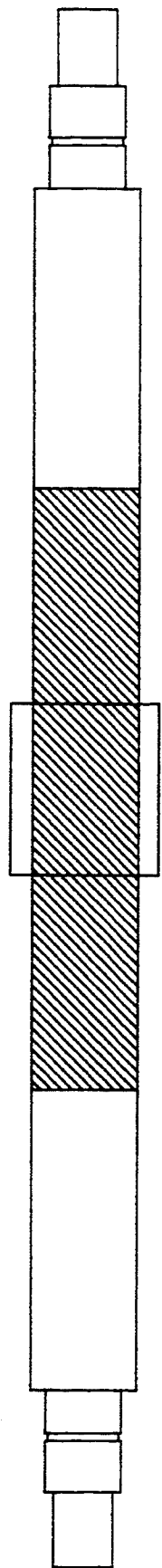


FIG 2

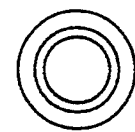


FIG 3

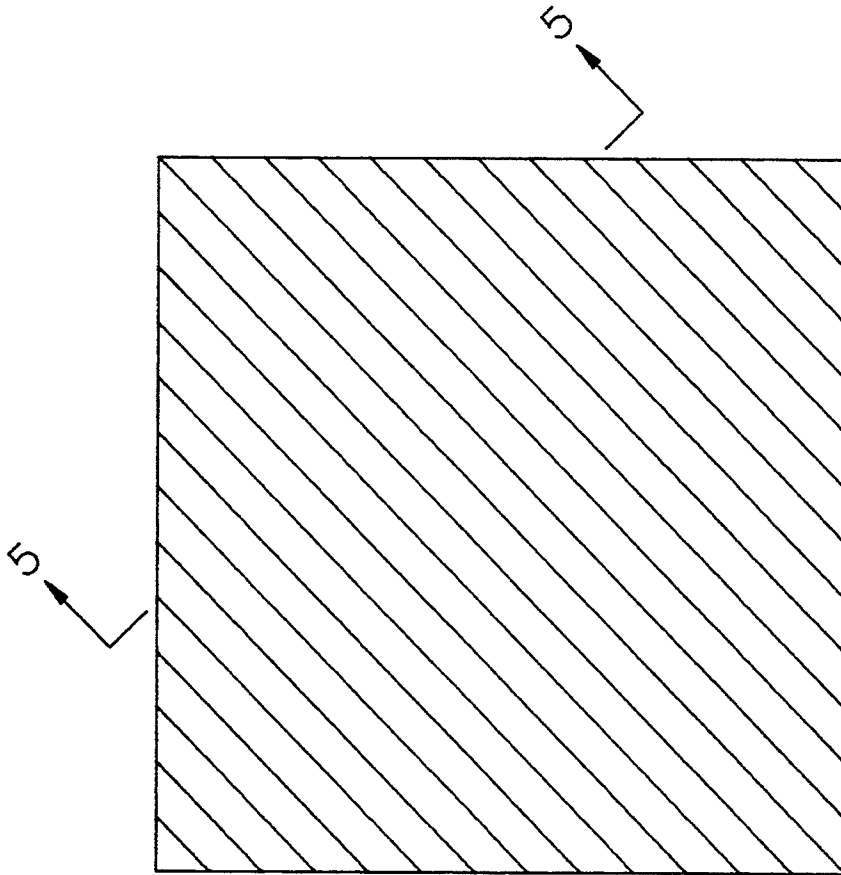


FIG 4



FIG 5