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United States Patent [19]

[11] Patent Number: Des. 404,796

Miller et al.

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[54] CYLINDRICAL FILTER ELEMENT

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[75] Inventors: John D. Miller, Ithaca; Kenneth M. Williamson, Jamesville, both of N.Y.

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[73] Assignee: Pall Corporation, East Hills, N.Y.

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[**] Term: 14 Years

FOREIGN PATENT DOCUMENTS

[21] Appl. No.: 60,231

855068 12/1955 United Kingdom .

[22] Filed: Sep. 25, 1996

1005987 9/1963 United Kingdom .

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Related U.S. Application Data

OTHER PUBLICATIONS

[63] Continuation of Ser. No. 31,229, Nov. 14, 1994, abandoned, which is a continuation of Ser. No. 24,481, Jun. 13, 1994, abandoned, which is a continuation of Ser. No. 682,452, Apr. 9, 1991, Pat. No. Des. 349,567.

“Ultipor Composite Filter Structure”, Pall Corporation, 1992.

[51] LOC (6) Cl. 23-01

Primary Examiner—Alan P. Douglas

[52] U.S. Cl. D23/209

Assistant Examiner—Robin V. Taylor

[58] Field of Search D23/200, 207, D23/209; 210/263-4, 282, 446, 448-9, 452, 459, 460, 493.4, 497.1

Attorney, Agent, or Firm—Leydig, Voit & Mayer, Ltd.

[57] CLAIM

[56] References Cited

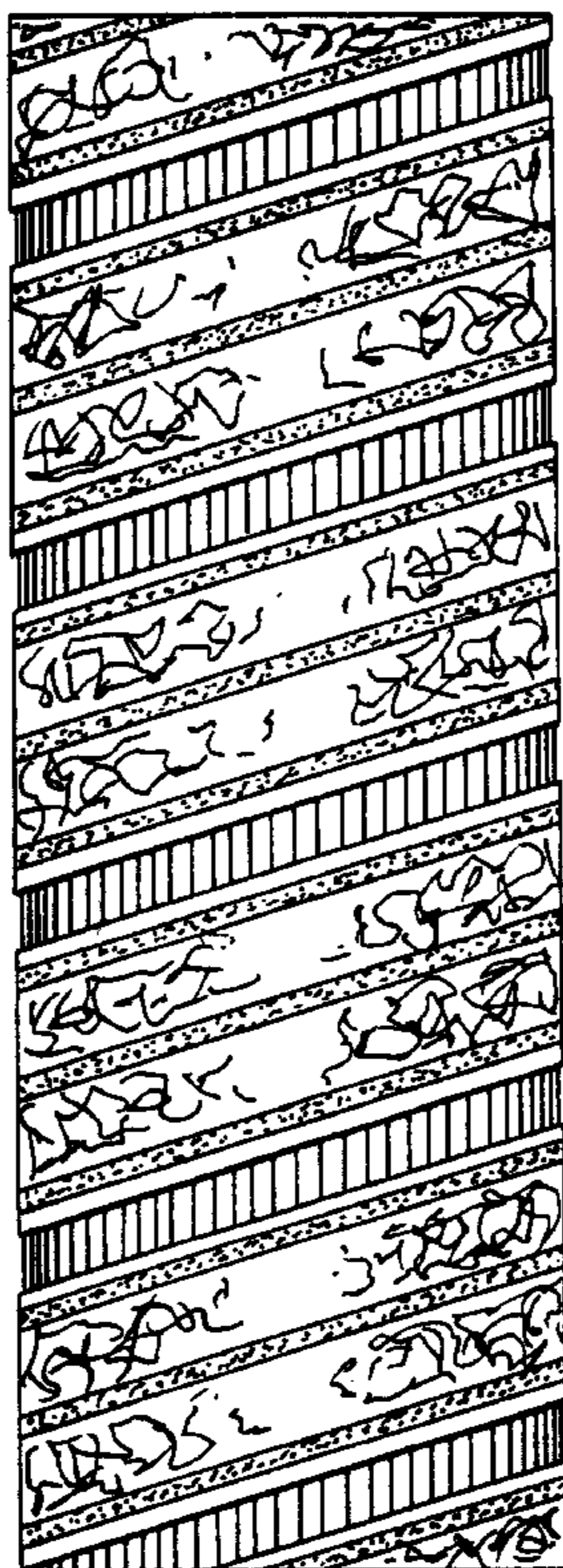
DESCRIPTION

U.S. PATENT DOCUMENTS

D. 349,567	8/1994	Miller et al. .	
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The ornamental design for a cylindrical filter element, as shown and described.

1 Claim, 1 Drawing Sheet



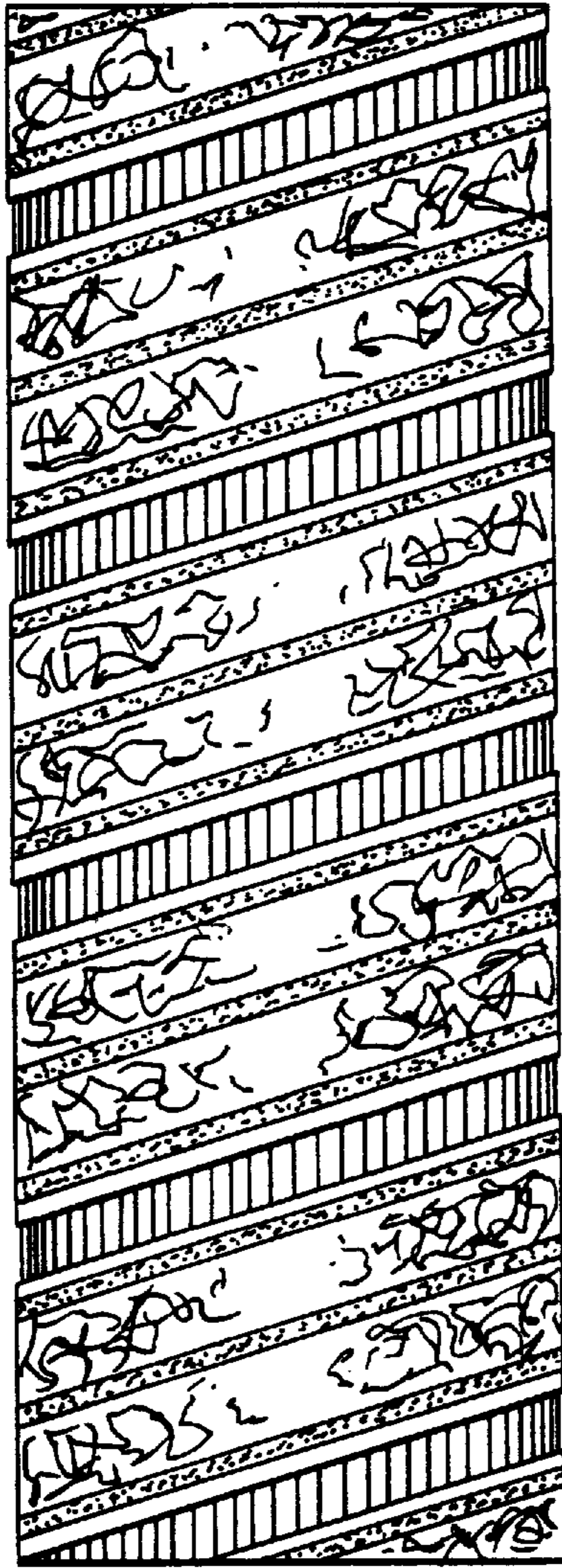


FIG. 1

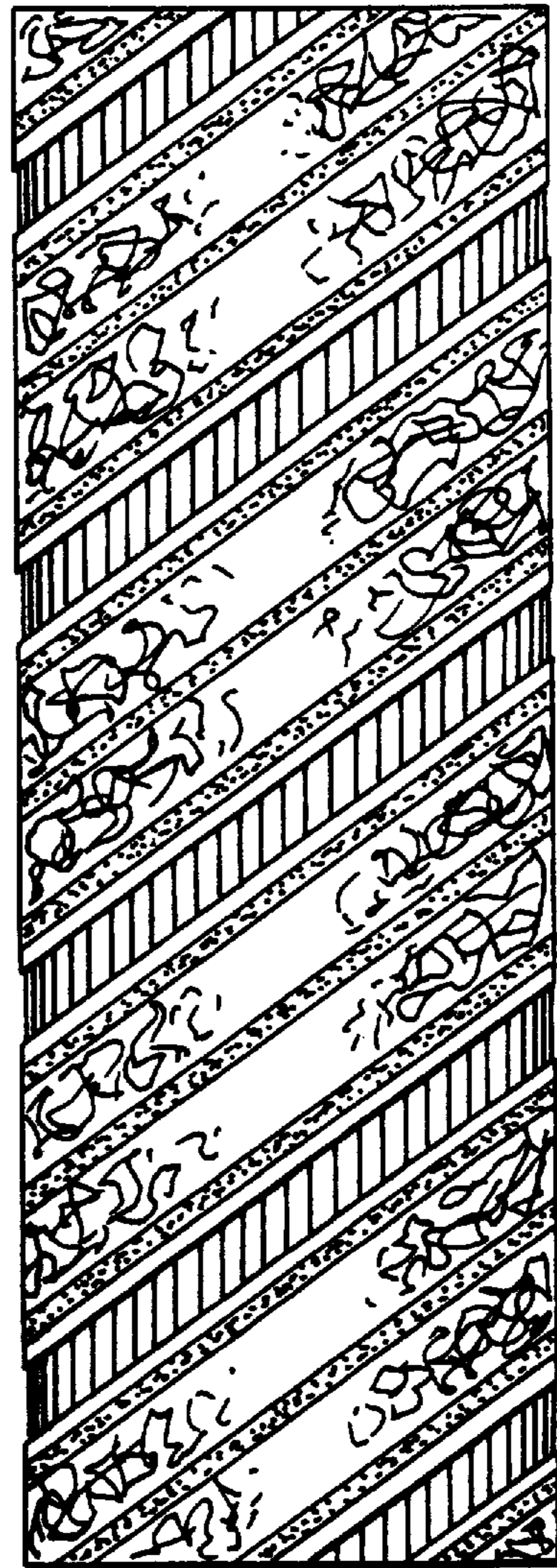


FIG. 2