

Patent Number:

[11]

[45]

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United States Patent [19]

Raterman

[54] NOZZLE FOR DISPENSING ADHESIVES AND SEALANTS

[75] Inventor: John M. Raterman, Atlanta, Ga.

[73] Assignee: Nordson Corporation, Westlake, Ohio

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

[21] Appl. No.: 29/092,588

[22] Filed: Aug. 24, 1998

[56] References Cited

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Controlled Fiberization® Technology; © Nordson Corporation 1994,1996.

ITW Dynatec EZ Nozzles.

Automatic Extrusion Nozzles; Slautterback Corp., 1997.

Primary Examiner—Antoine Duval Davis
Attorney, Agent, or Firm—Raymond J Slattery, III

[57] CLAIM

The ornamental design for a nozzle for dispensing adhesives and sealants, as shown and described.

DESCRIPTION

Date of Patent: ** Jan. 11, 2000

Des. 418,848

FIG. 1 is an perspective view of one embodiment of the new design for a nozzle for dispensing adhesives and sealants;

FIG. 2 is the front elevational view of the nozzle of FIG. 1;

FIG. 3 is a top plan view of the nozzle of FIG. 1;

FIG. 4 is a rear perspective view of the nozzle;

FIG. 5 is the rear elevational view of the nozzle of FIG. 1; and,

FIG. 6 is a perspective view of a second embodiment of the new design for a nozzle;

FIG. 7 is a front elevational view of the nozzle of FIG. 6;

FIG. 8 is a top plan view of the nozzle of FIG. 6;

FIG. 9 is a rear perspective view of the nozzle of FIG. 6;

FIG. 10 is a rear elevational view of the nozzle of FIG. 6; and,

FIG. 11 is a perspective view of a third embodiment of the new design for a nozzle;

FIG. 12 is a front elevational view of the nozzle of FIG. 11;

FIG. 13 is a top plan view of the nozzle of FIG. 11;

FIG. 14 is a rear perspective view of the nozzle of FIG. 11;

FIG. 15 is a rear elevational view of the nozzle of FIG. 11; and

FIG. 16 is a perspective view of a fourth embodiment of the new design for a nozzle;

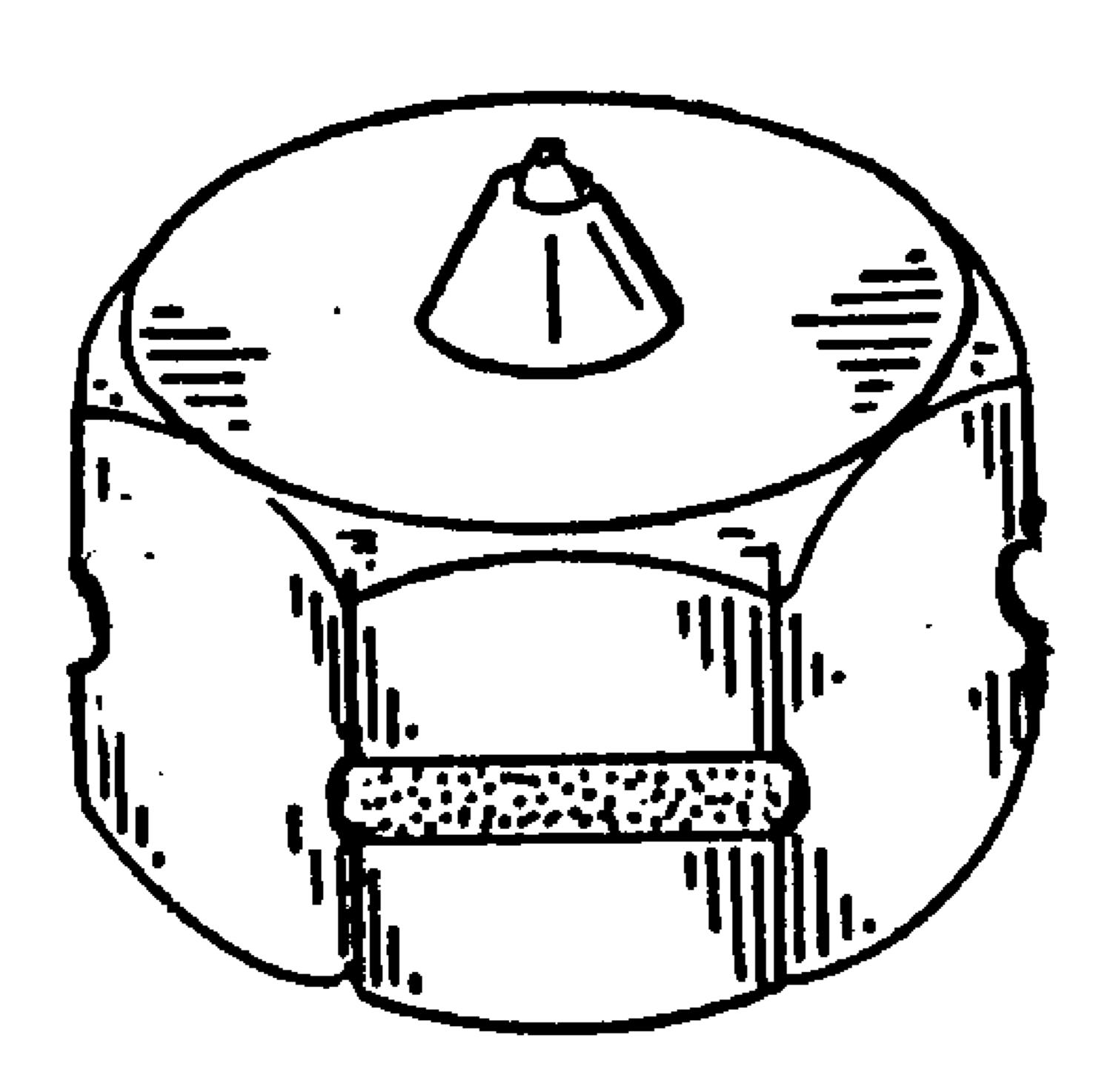
FIG. 17 is a top plan view of the nozzle of FIG. 16;

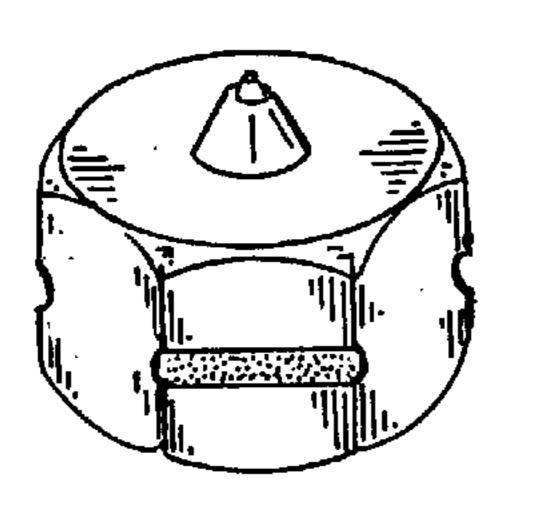
FIG. 18 is a front elevational view of the nozzle of FIG. 16;

FIG. 19 is a rear elevational view of the nozzle of FIG. 16; and,

FIG. 20 is a rear perspective view of the nozzle of FIG. 16.

1 Claim, 2 Drawing Sheets





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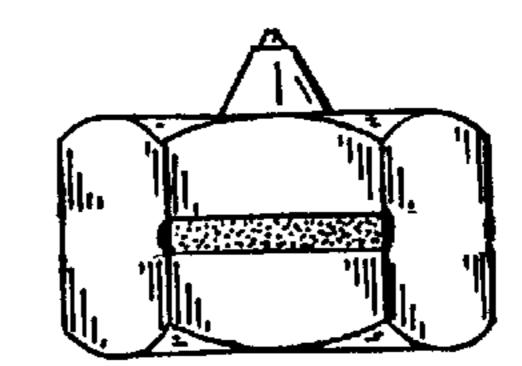
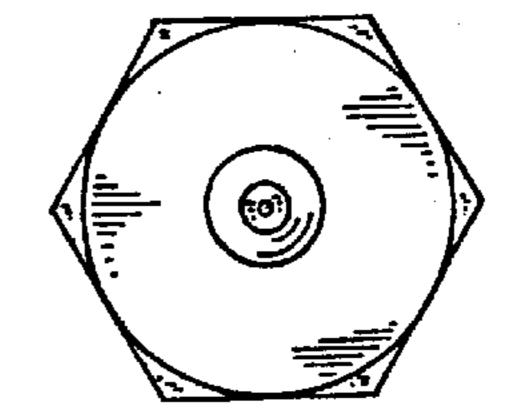
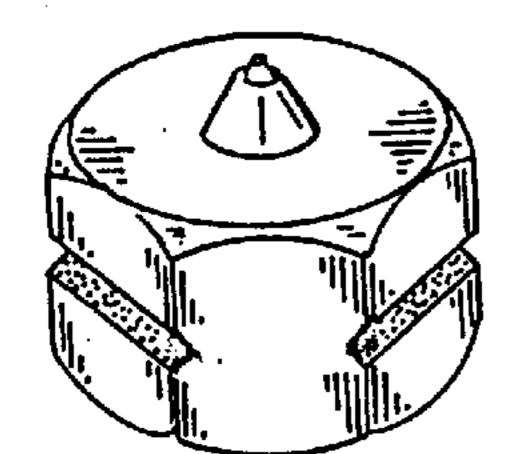


FIG.-I

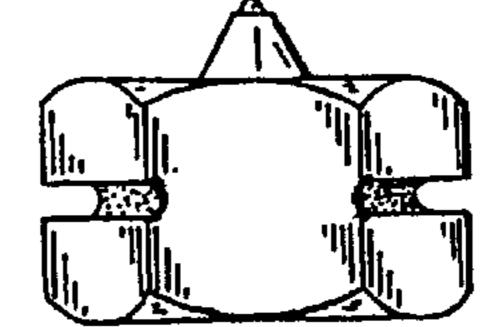


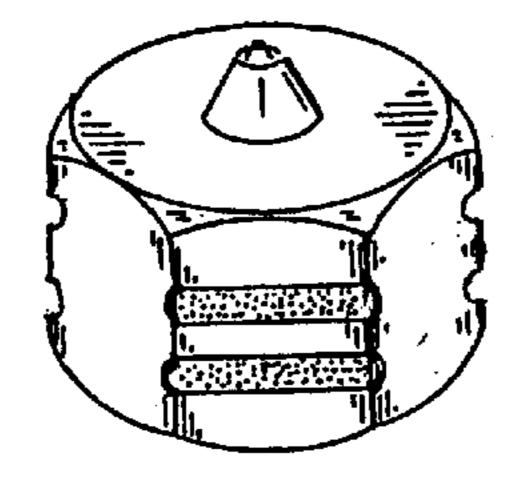




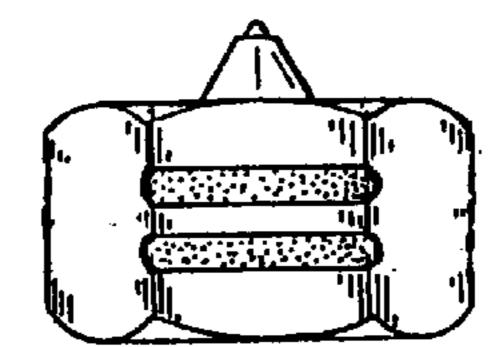
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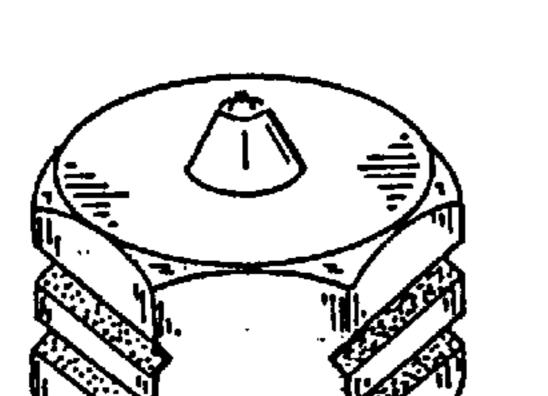




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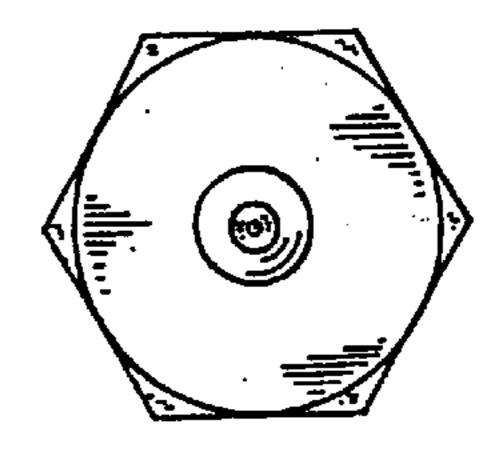
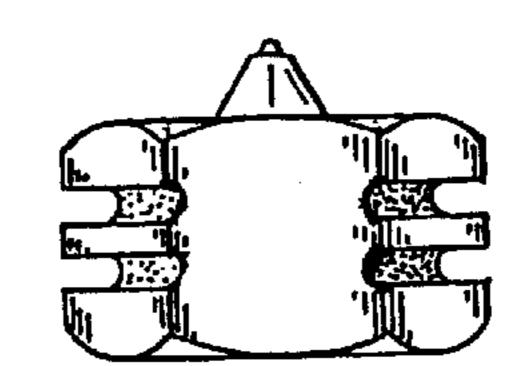
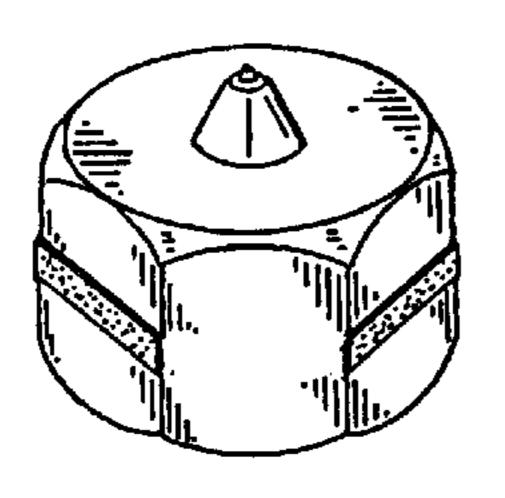


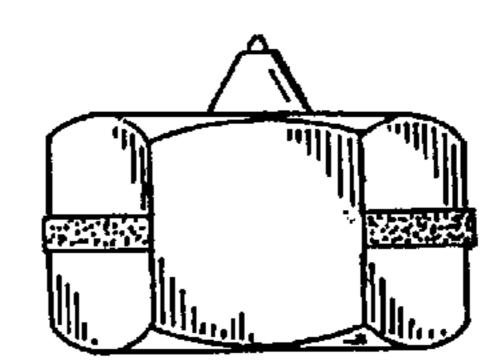
FIG.-10

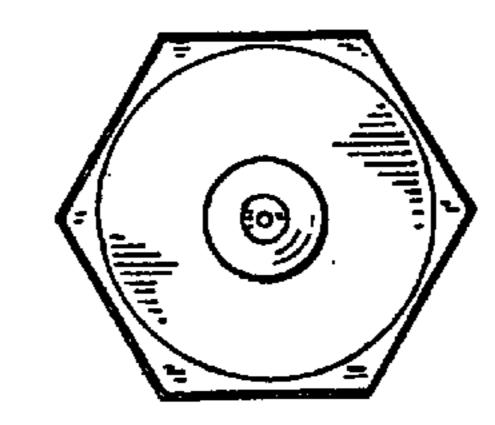


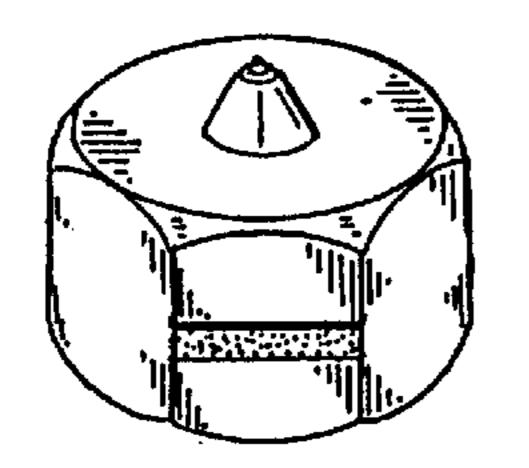


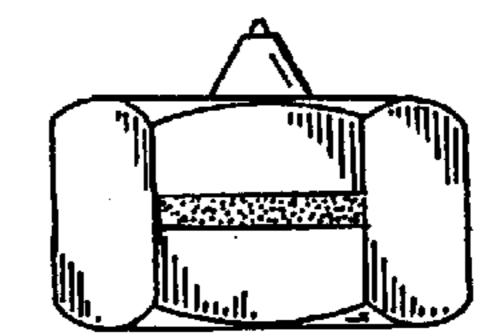
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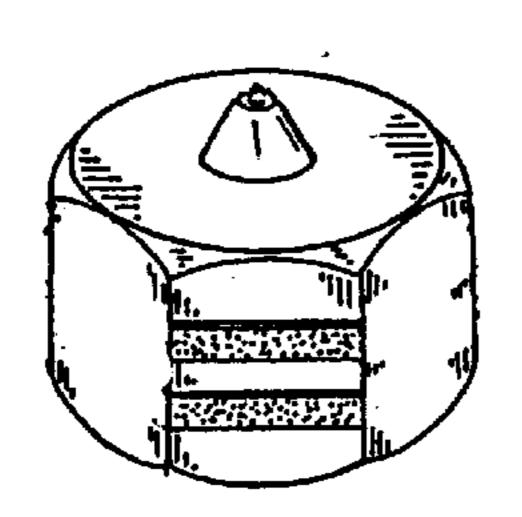
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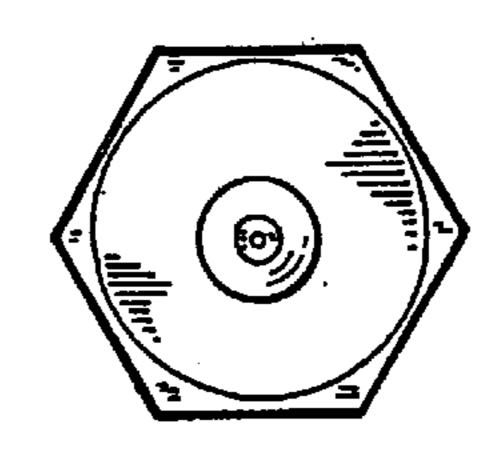




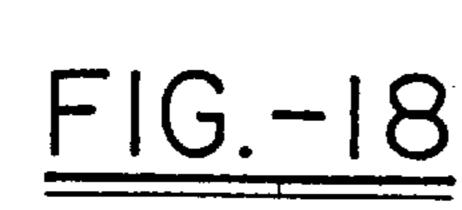


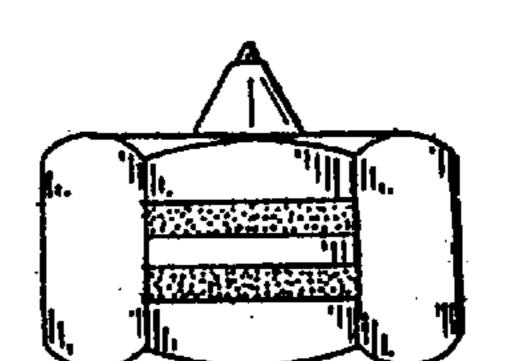


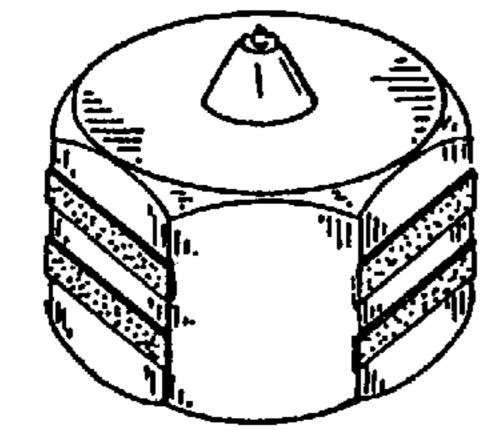




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F1G.-19

