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United States Patent [19]

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Essex et al.

[45] Date of Patent: **** Aug. 23, 1994**

[54] **VACUUM CLEANER CONVERTER**

5,060,339 10/1991 Evers 15/344
5,092,015 3/1992 Kosten et al. 15/338

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Ronald J. Stephens, Rittman, both of Ohio

OTHER PUBLICATIONS

Regina Owner's Manual Models DM 1700 & DM 1800 ©1991.

[73] Assignee: **The Hoover Company**, North Canton, Ohio

Eureka "Bravo" Upright Vacuum Cleaner Owner's Guide 9000 series ©1990.

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

Primary Examiner—Ruth McInroy

[21] Appl. No.: **1,776**

[57] CLAIM

[22] Filed: **Nov. 23, 1992**

The ornamental design for a vacuum cleaner converter, as shown and described.

[52] U.S. Cl. **D32/31**

[58] Field of Search 15/323, 329, 332, 334,
15/338; D32/25, 30-32

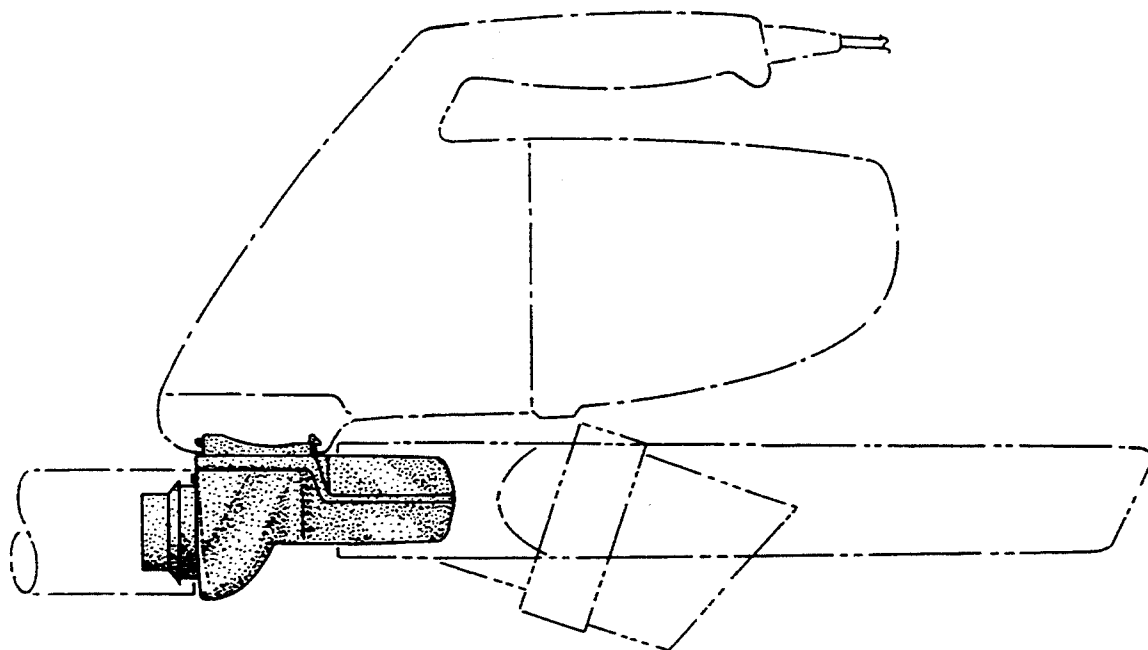
DESCRIPTION

[56] References Cited

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FIG. 1 is a left side elevational view of a vacuum cleaner converter showing our new design, the elements shown in broken lines are for illustrative purposes only and form no part of the claimed design; FIG. 2 is an enlarged left side elevational view thereof, the right side being a mirror image; FIG. 3 is an enlarged front elevational view thereof; FIG. 4 is an enlarged top plan view thereof; FIG. 5 is an enlarged rear elevational view thereof; FIG. 6 is an enlarged bottom plan view thereof; and, FIG. 7 is an enlarged partial cross sectional view taken along line 7-7 in FIG. 4.



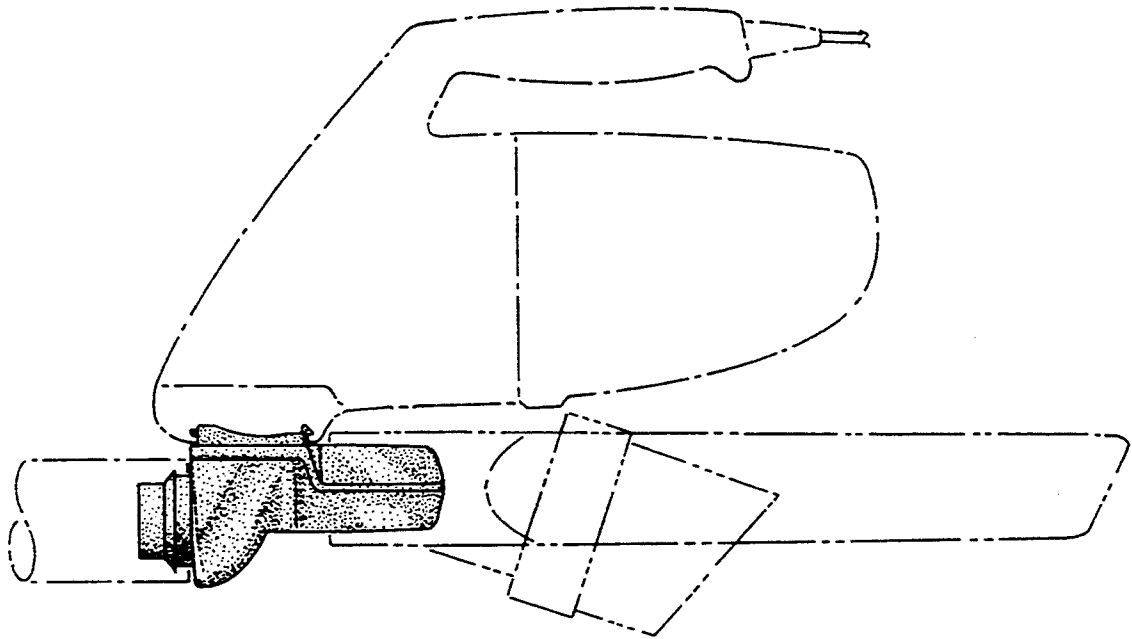


FIG.-1

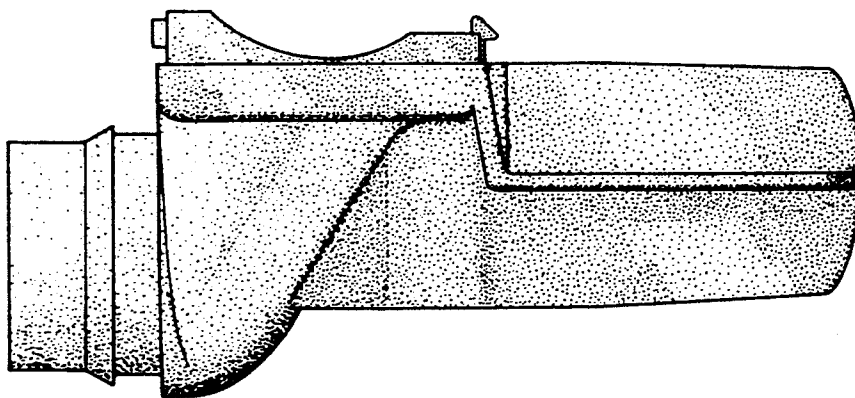


FIG.-2

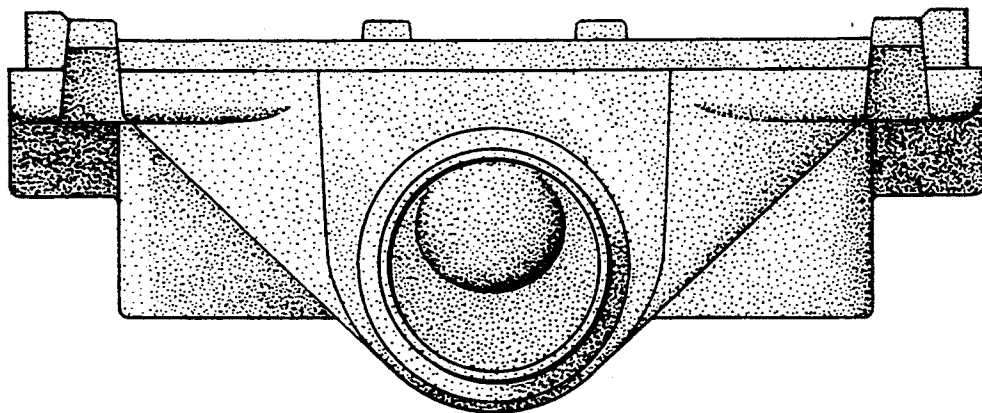


FIG.-3

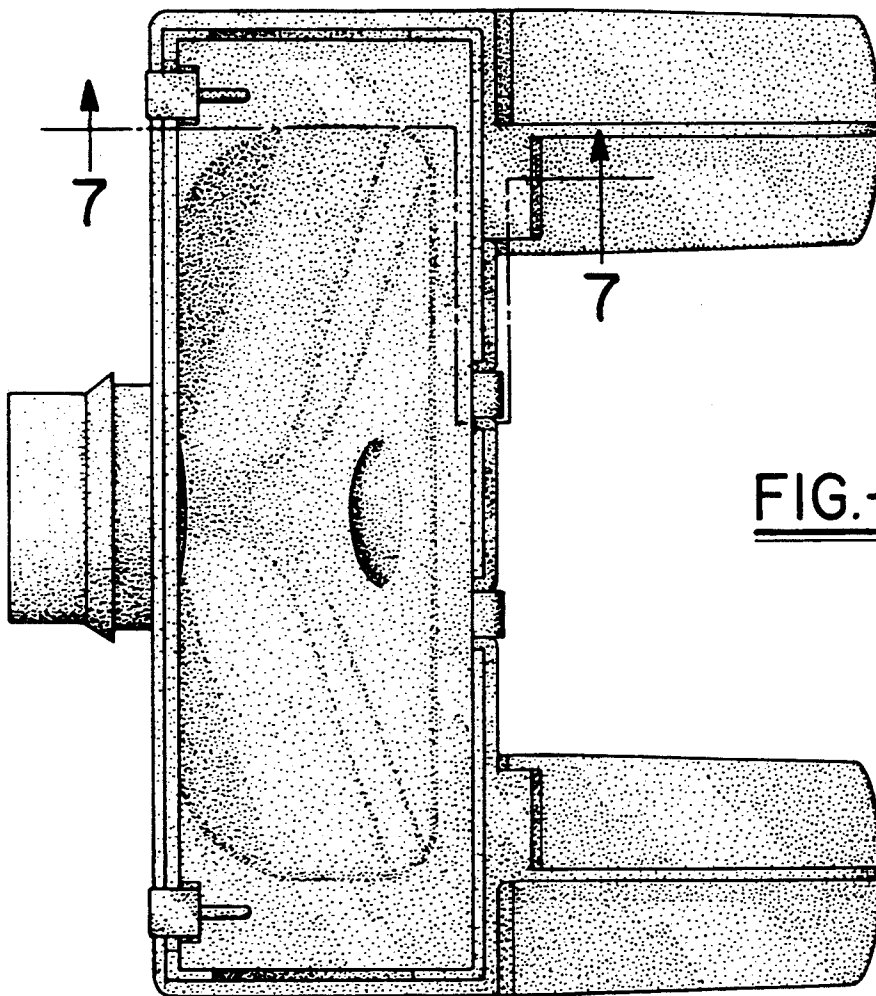


FIG.-4

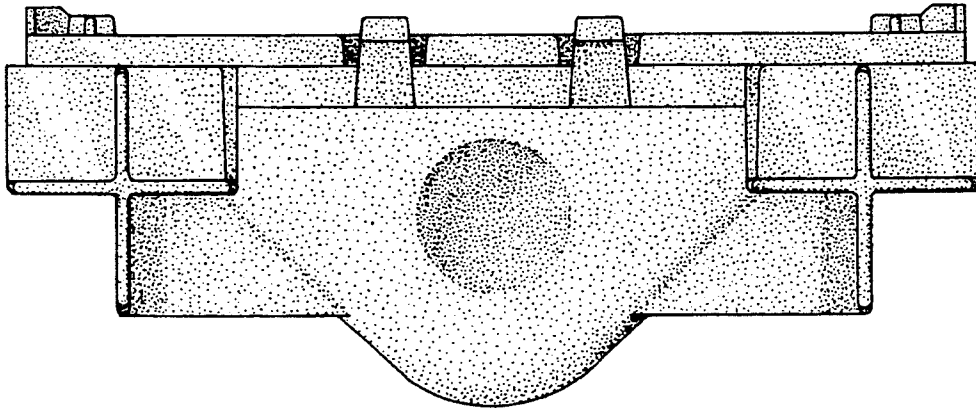


FIG.-5

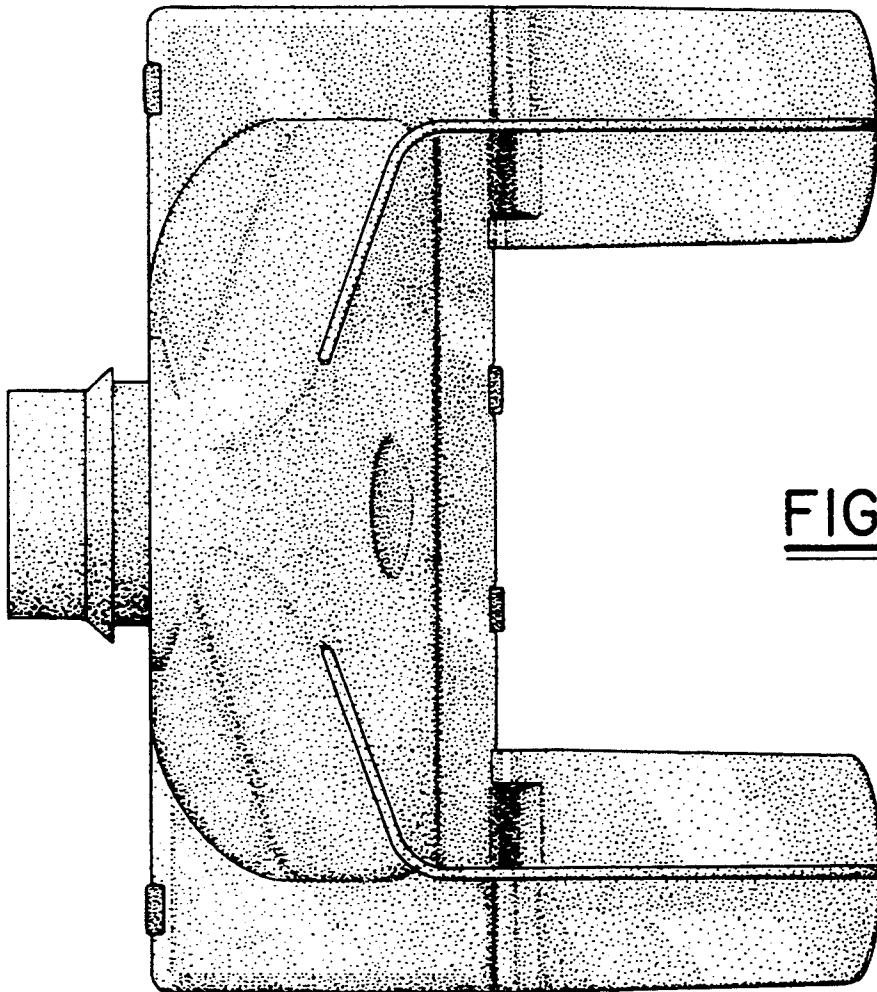


FIG.-6

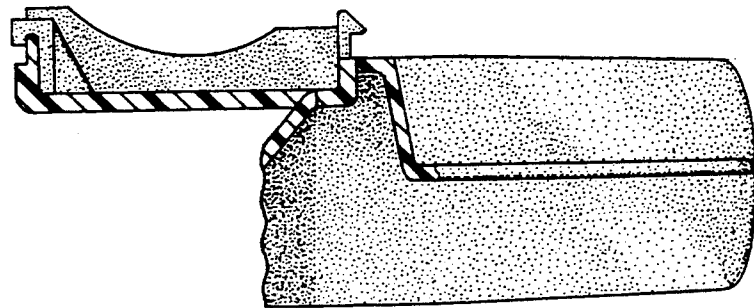


FIG.-7