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# United States Patent [19]

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Hohulin

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[54] **VACUUM CLEANER**

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

[21] Appl. No.: **16,825**

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[52] U.S. Cl. .... **D32/21**

[58] Field of Search ..... 15/327.1, 327.2, 327.7,  
15/320, 377.6; D32/21, 23-24, 15, 32

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Manual (front cover drawing);  
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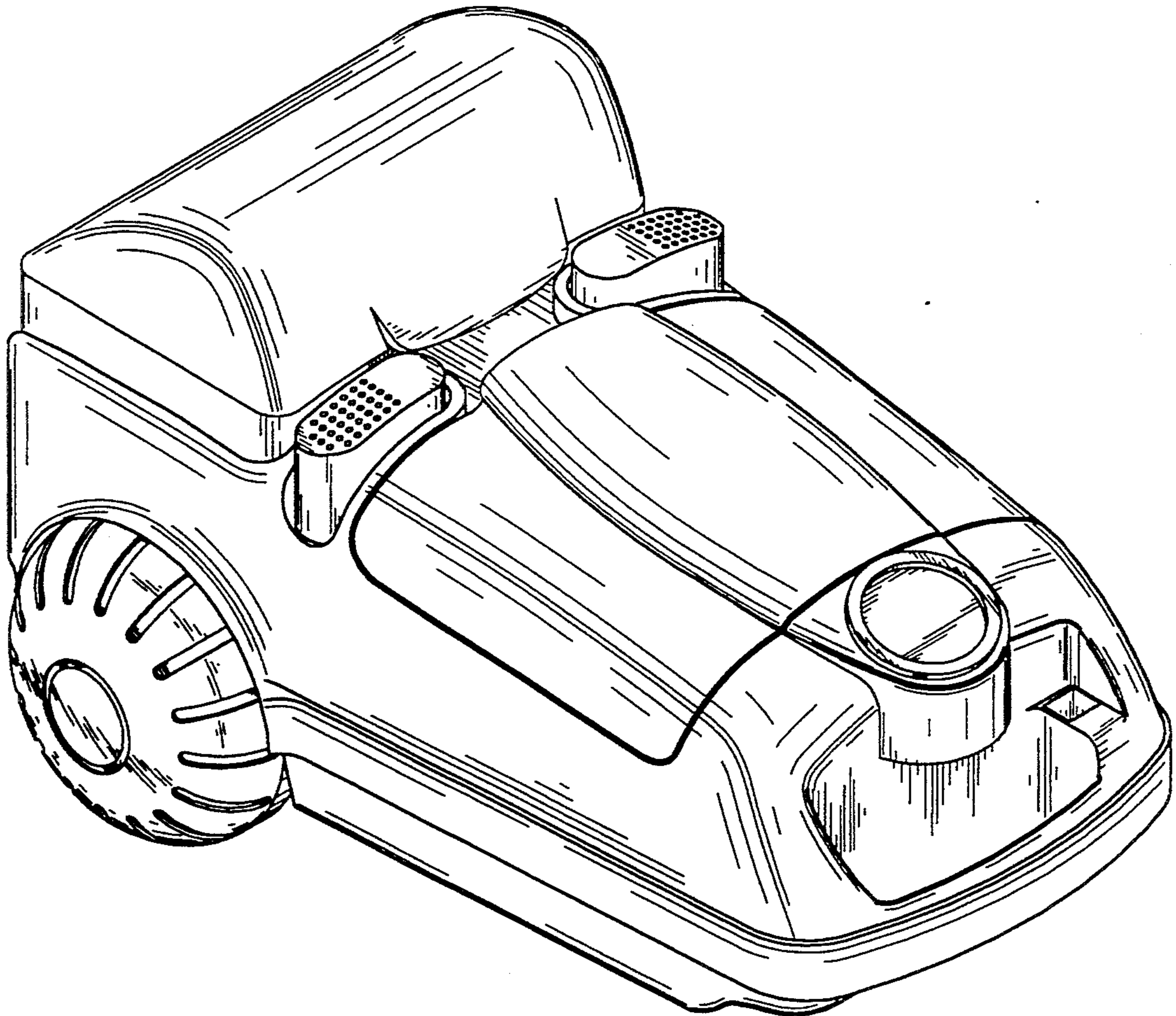
*Primary Examiner*—Cathy Anne MacCormac

[57] **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a vacuum cleaner showing the new design;  
FIG. 2 is a right side elevational view thereof;  
FIG. 3 is a left side elevational view thereof;  
FIG. 4 is a top plan view thereof;  
FIG. 5 is a bottom plan view thereof;  
FIG. 6 is a front elevational view thereof; and,  
FIG. 7 is a rear elevational view thereof.



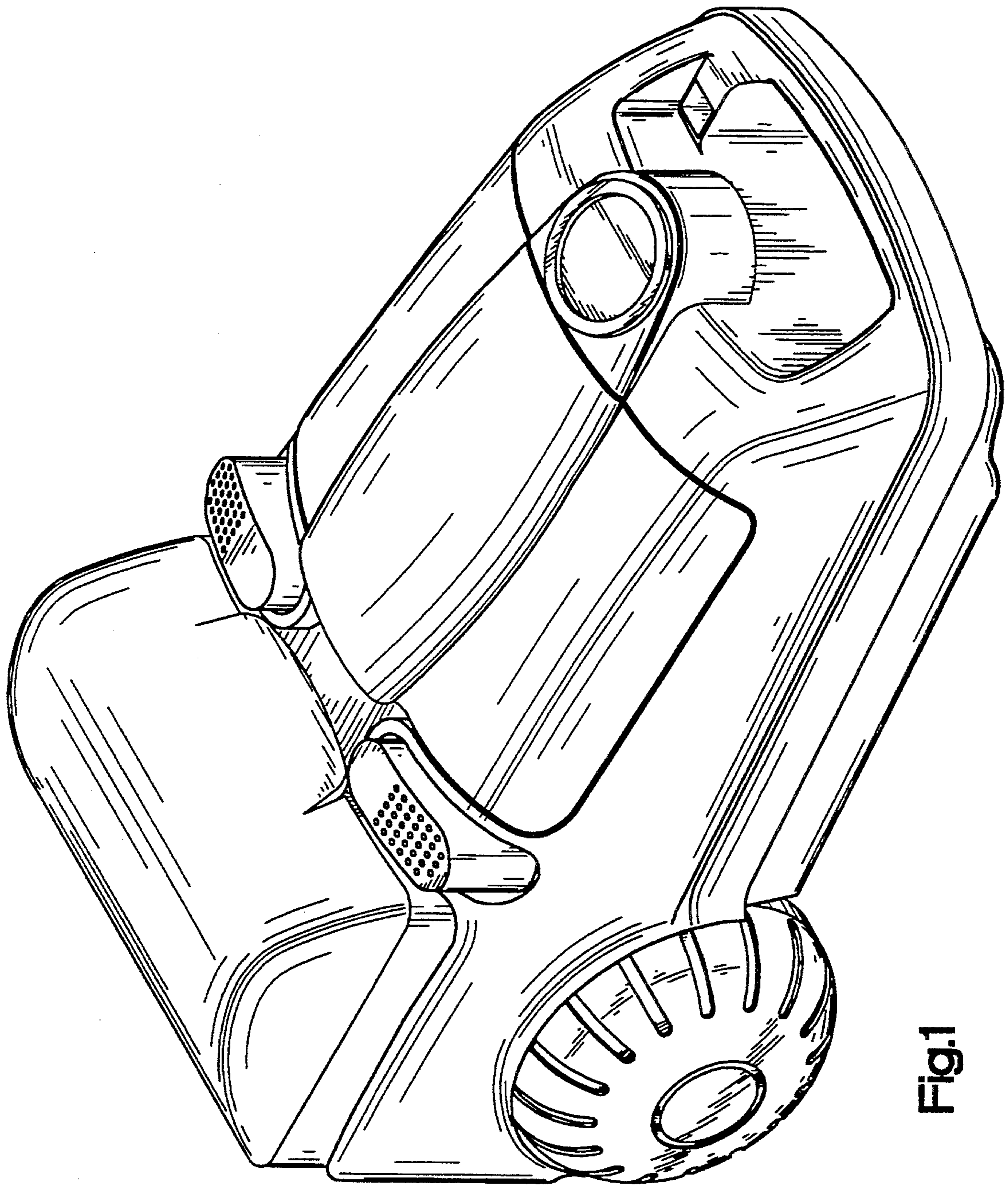


Fig.1

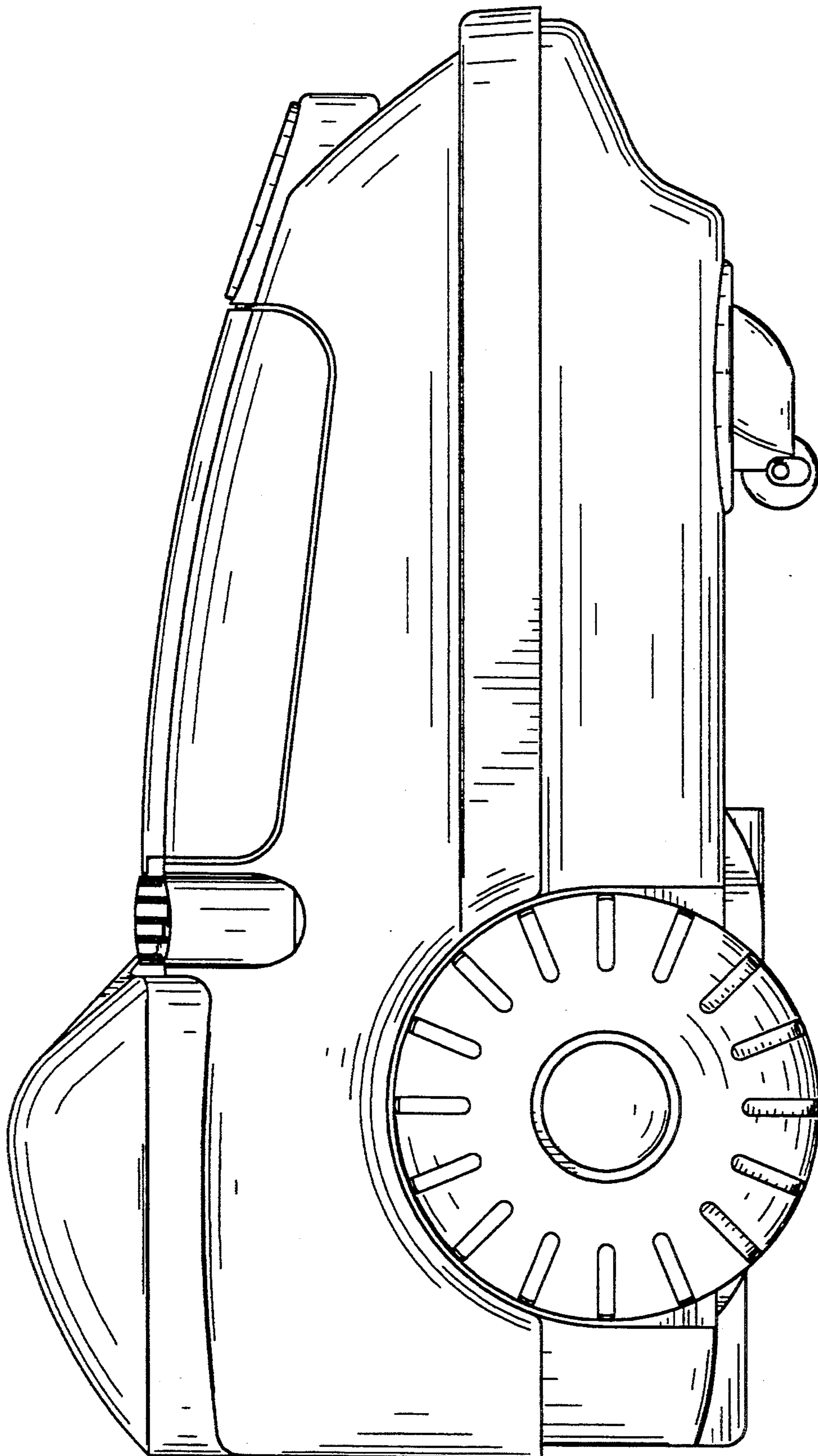


Fig.2

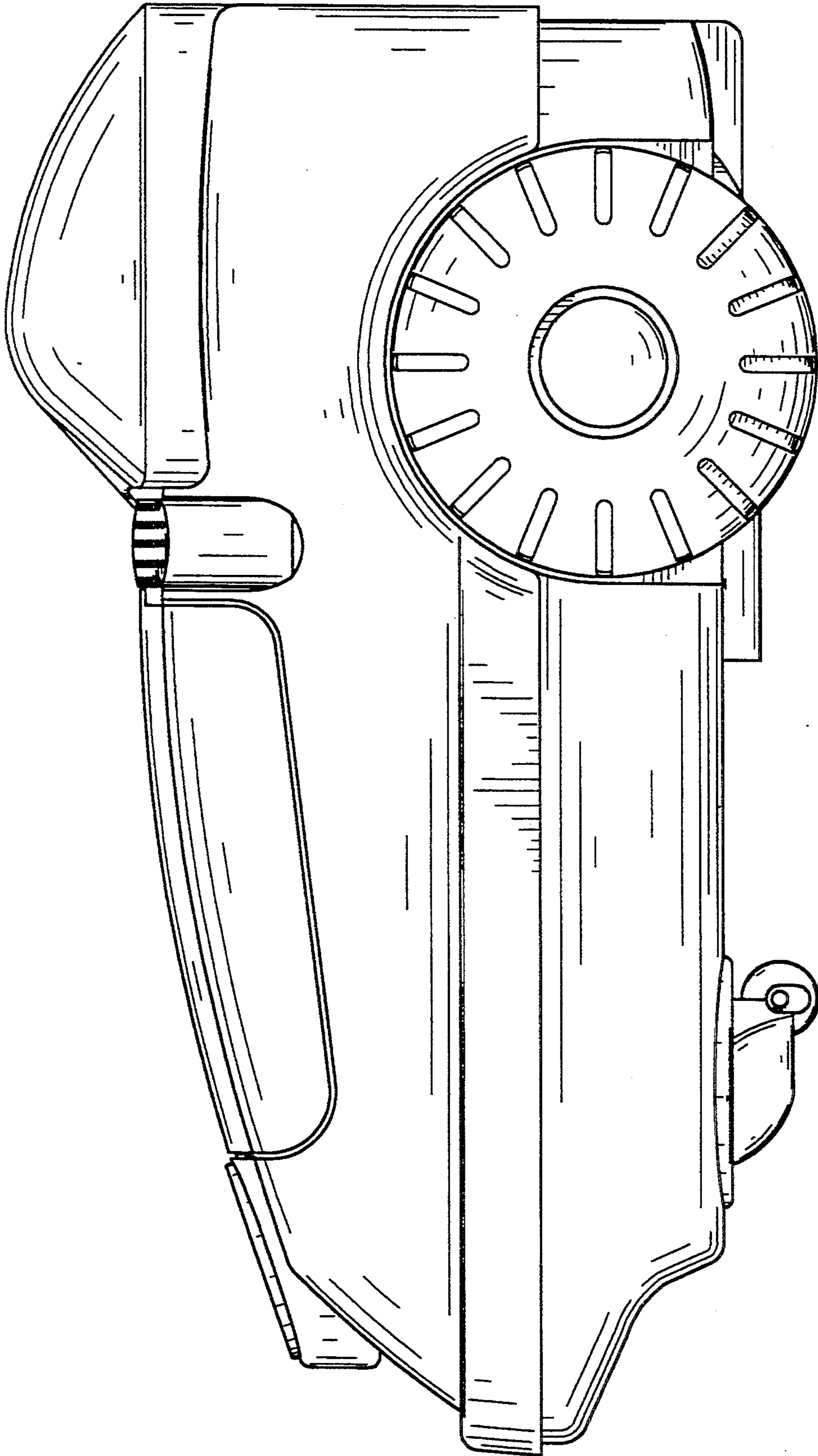


Fig.3

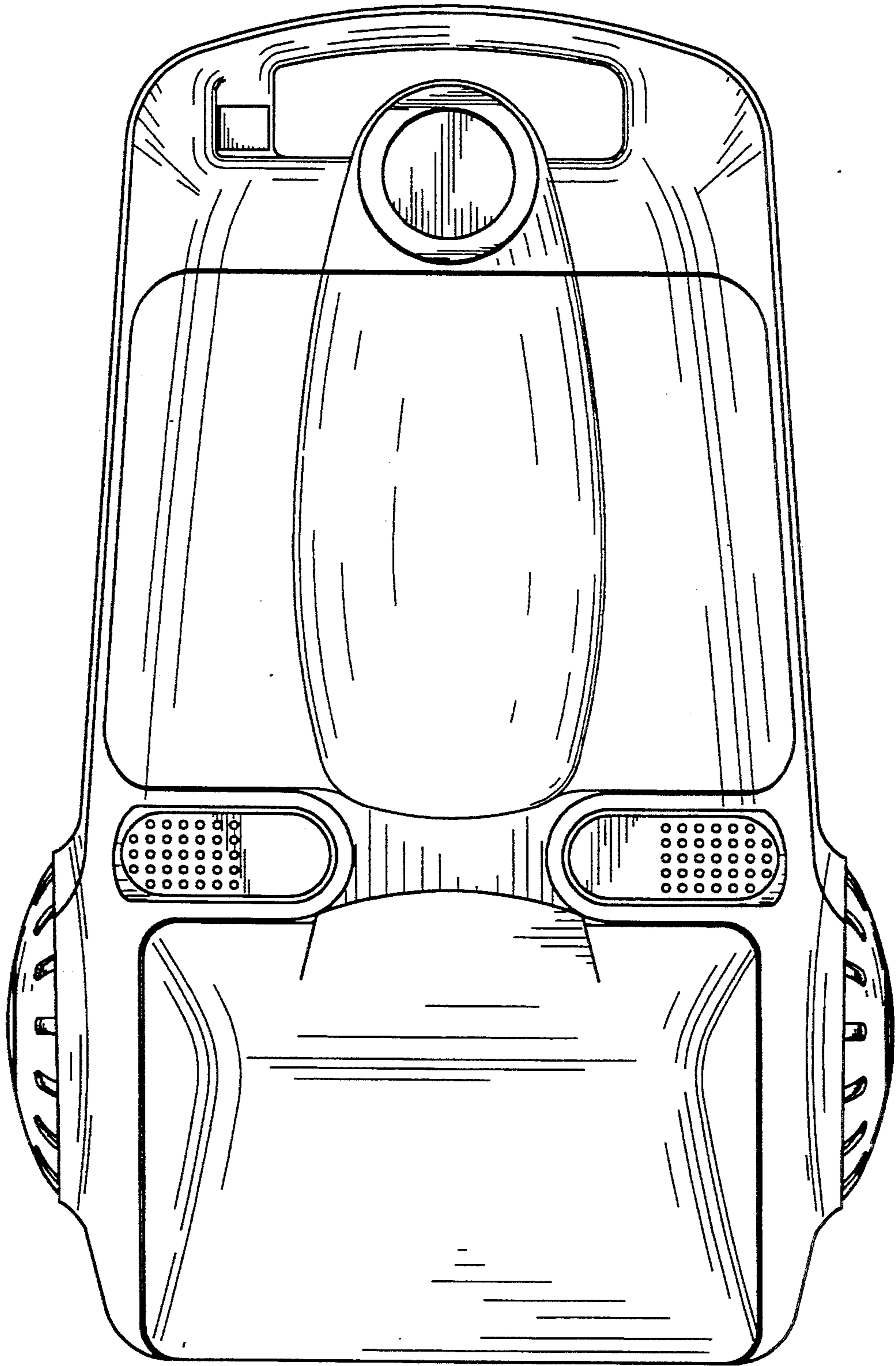


Fig.4

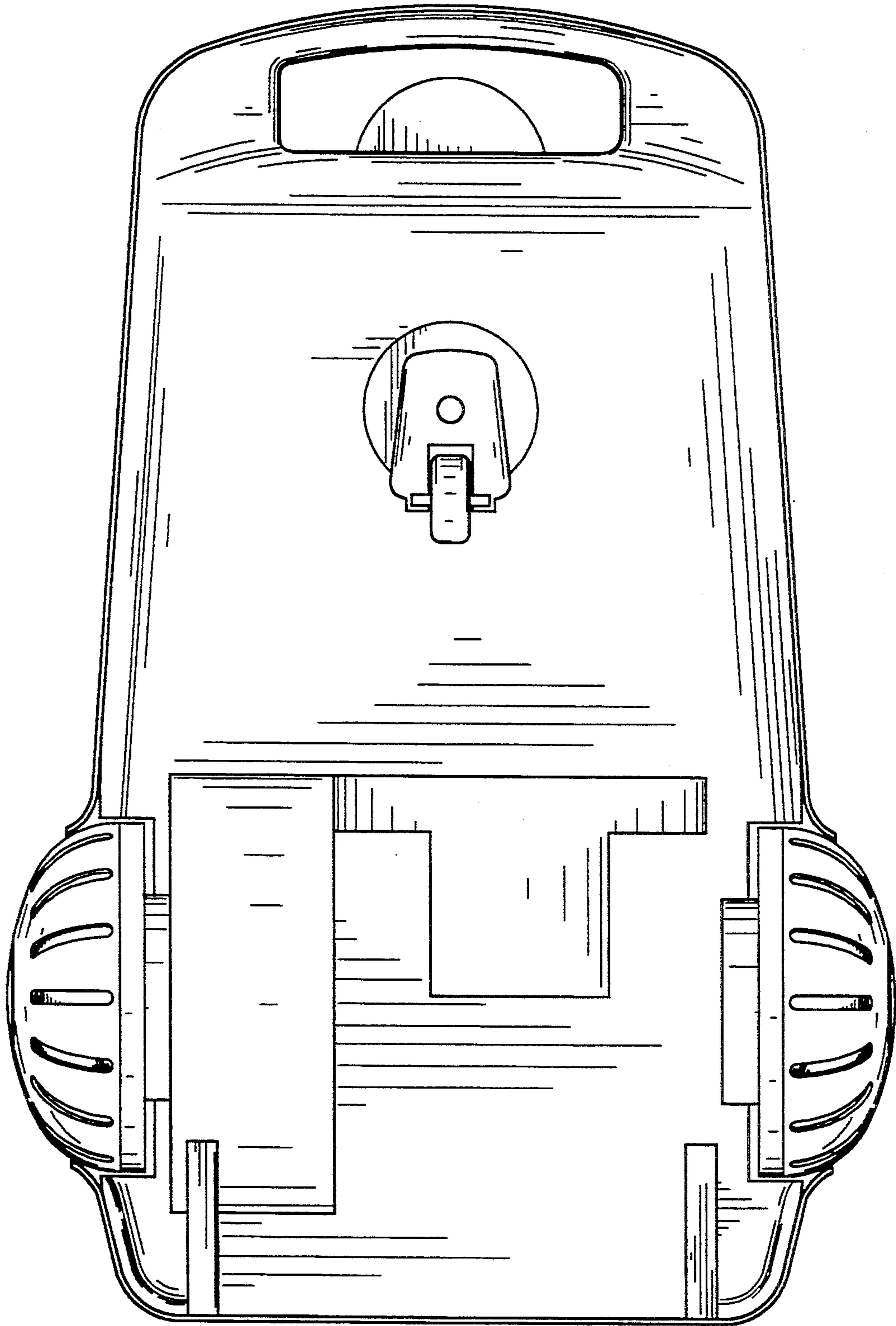


Fig.5

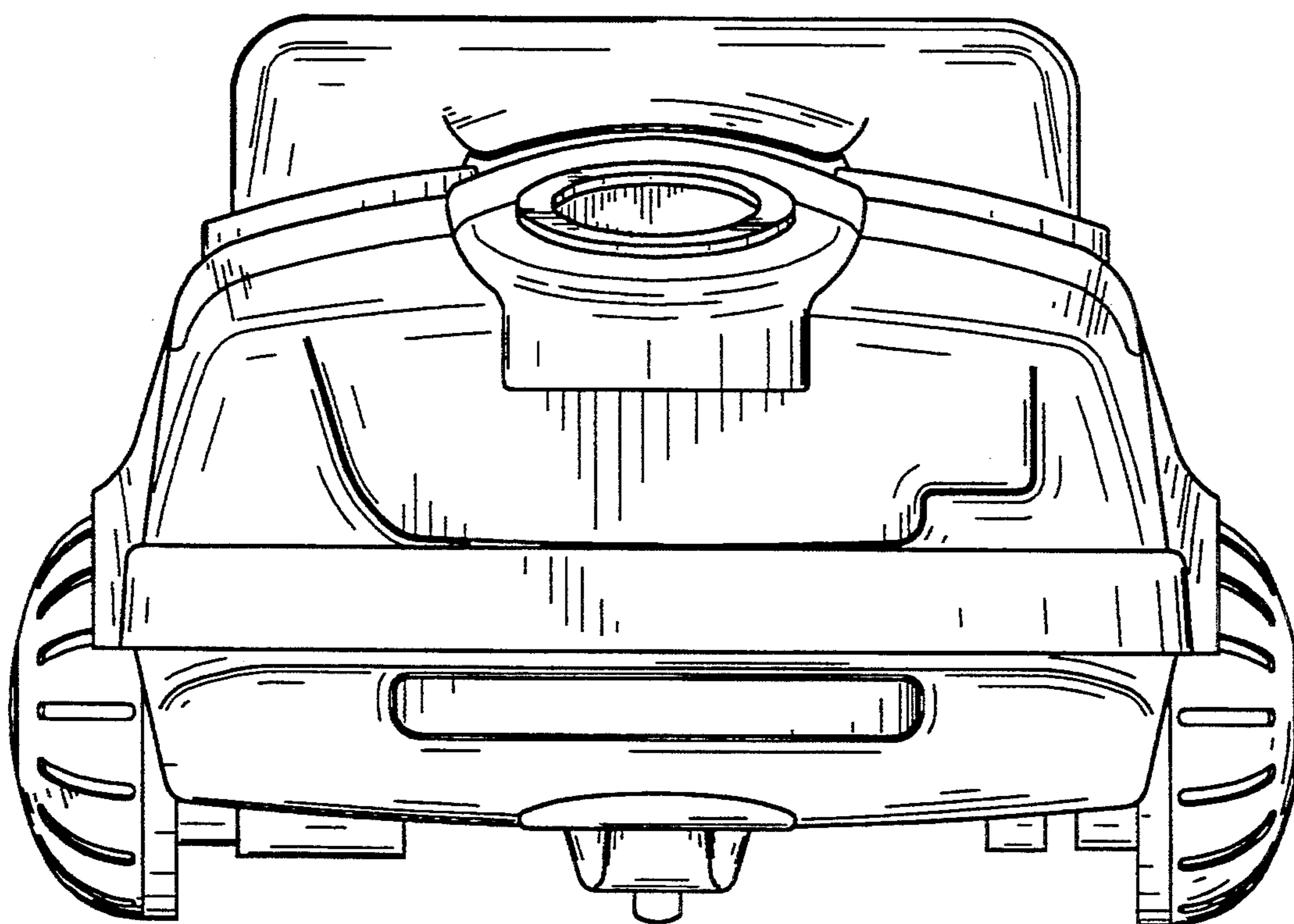


Fig.6

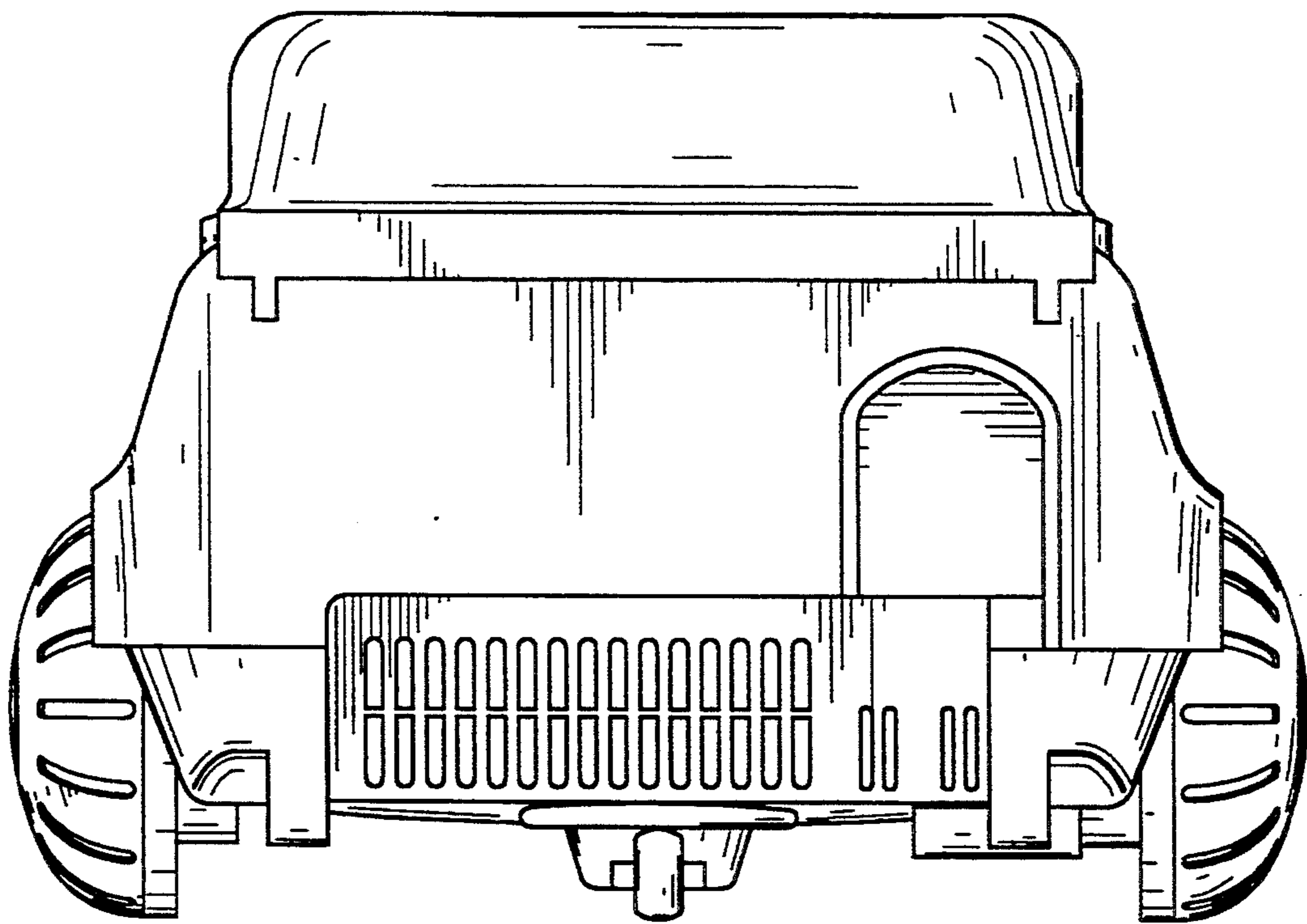


Fig.7