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(12) **United States Design Patent** (10) **Patent No.: US D1,069,290 S**  
**Warner et al.** (45) **Date of Patent: \*\* \*Apr. 1, 2025**

(54) **VACUUM CLEANER ROLLER**

FOREIGN PATENT DOCUMENTS

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CN 108114926 A 6/2018  
DE 19609087 A1 \* 9/1997 ..... A46B 13/008  
(Continued)

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OTHER PUBLICATIONS

Brush Roller, posted Apr. 1, 2021 [online], [retrieved Aug. 14, 2024]. Retrieved from internet, <https://www.amazon.com/dp/B09KBYWSP4> (Year: 2021).\*

(Continued)

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(\*) Notice: This patent is subject to a terminal disclaimer.

(\*\*) Term: **15 Years**

(57) **CLAIM**

(21) Appl. No.: **29/885,461**

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

(22) Filed: **Feb. 24, 2023**

(30) **Foreign Application Priority Data**

Aug. 31, 2022 (GB) ..... 6228565

(51) **LOC (15) CL.** ..... **15-05**

(52) **U.S. CL.**  
USPC ..... **D32/32**

(58) **Field of Classification Search**  
USPC ..... D15/199; D21/526, 578; D32/25, 26, D32/31, 32, 33

CPC ..... A47L 5/26; A47L 5/30; A47L 9/04; A47L 9/0461; A47L 9/0466; A47L 11/4094  
See application file for complete search history.

**DESCRIPTION**

The file of this patent contains at least one drawing executed in color. Copies of this patent with color drawings will be provided by the United States Patent and Trademark Office upon request and payment of the necessary fee.

FIG. 1 is a perspective view of a vacuum cleaner roller, illustrating our new design;  
FIG. 2 is a first side view thereof;  
FIG. 3 is a second side view thereof;  
FIG. 4 is a right side view thereof, shown in enlarged scale;  
FIG. 5 is a left side view thereof, shown in enlarged scale;  
FIG. 6 is a third side view thereof; and,  
FIG. 7 is a fourth side view thereof.

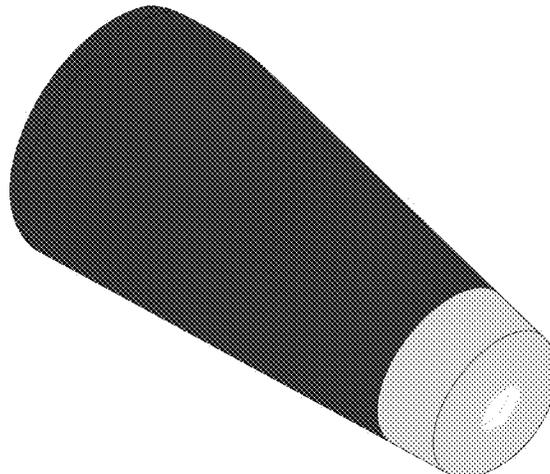
(56) **References Cited**

U.S. PATENT DOCUMENTS

500,415 A 6/1893 Neal  
1,209,721 A 12/1916 Kirby  
1,265,791 A 5/1918 Kirby

(Continued)

**1 Claim, 7 Drawing Sheets**  
**(7 of 7 Drawing Sheet(s) Filed in Color)**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2,134,396 A 10/1938 Campbell  
 2,255,271 A \* 9/1941 Rast ..... A47L 9/0693  
 15/396  
 3,289,239 A 12/1966 Diebold et al.  
 3,516,107 A 6/1970 Bayless et al.  
 4,312,542 A \* 1/1982 Schaefer ..... A47L 9/0477  
 72/62  
 5,619,768 A \* 4/1997 Brundula ..... A47L 9/0455  
 29/512  
 D922,013 S \* 6/2021 Supron ..... D32/31  
 D940,419 S \* 1/2022 Goncalves ..... D32/32  
 2012/0112861 A1\* 5/2012 Childe ..... H01F 7/0221  
 335/302

FOREIGN PATENT DOCUMENTS

DE 202013105222 U1 \* 1/2014 ..... A47L 9/0673  
 EP 1767133 A2 \* 3/2007 ..... A47L 9/009  
 EP 2872697 B1 11/2016

GB 1067851 A 5/1967  
 GB 1488852 A 10/1977  
 GB 1488853 A 10/1977  
 GB 2320179 A \* 6/1998 ..... A47L 9/0009  
 GB 2584445 A \* 12/2020 ..... A46B 13/006  
 GB 2584446 A \* 12/2020 ..... A46B 13/006  
 GB 2584521 A \* 12/2020 ..... A46B 13/006  
 GB 2604165 A \* 8/2022 ..... A47L 5/00  
 JP 62-207424 A 9/1987  
 JP 06-119447 A 4/1994  
 JP 2004081779 A \* 3/2004  
 KR 2010006513 U \* 6/2010  
 WO 2014/001170 A1 1/2014  
 WO WO-2020245561 A1 \* 12/2020 ..... A46B 13/006  
 WO WO-2021130465 A1 \* 7/2021 ..... A47L 11/4036

OTHER PUBLICATIONS

Brush Rolls, posted Jul. 13, 2022 [online], [retrieved Aug. 14, 2024]. Retrieved from internet, <https://www.amazon.com/dp/B0B6FF1N88> (Year: 2022).\*

\* cited by examiner

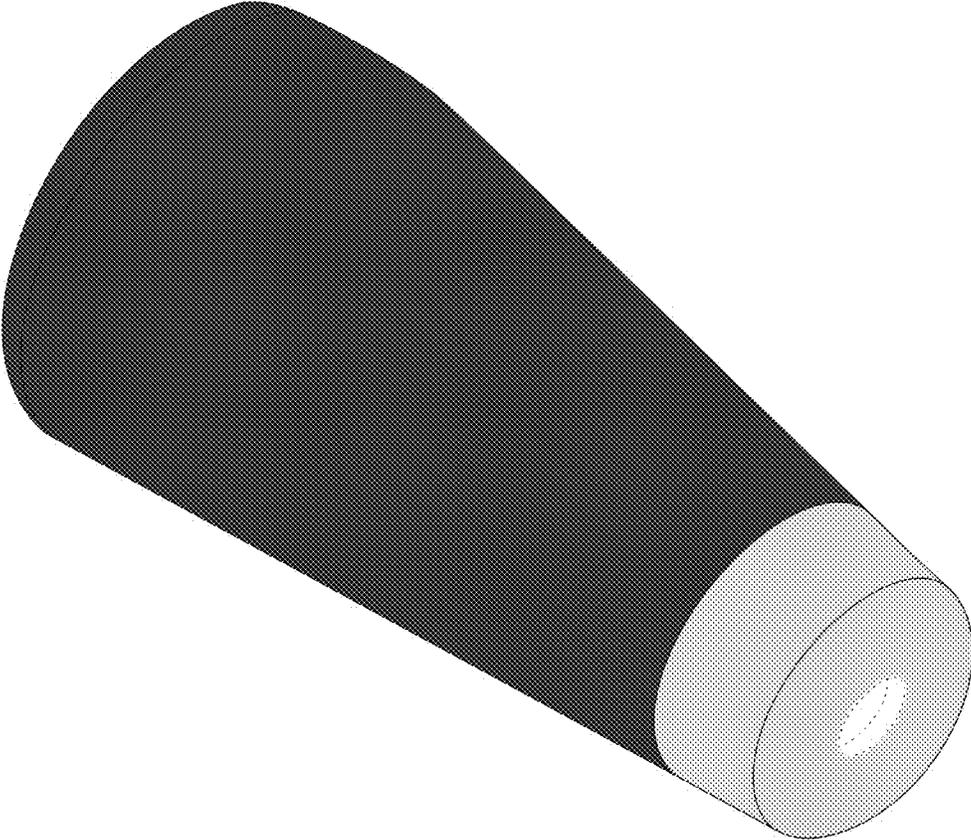


FIG. 1

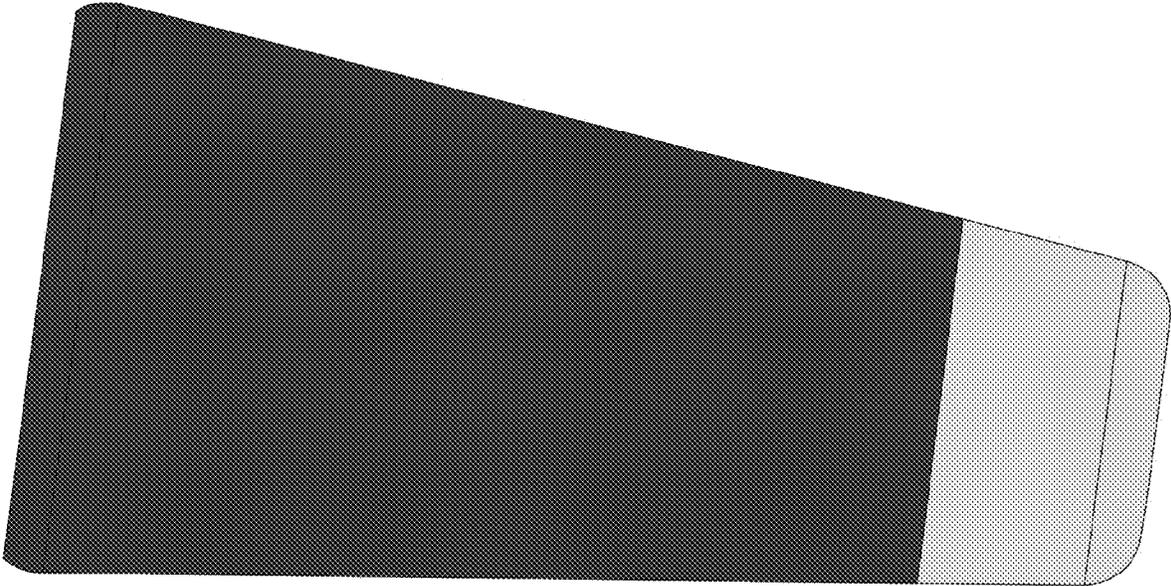


FIG. 2

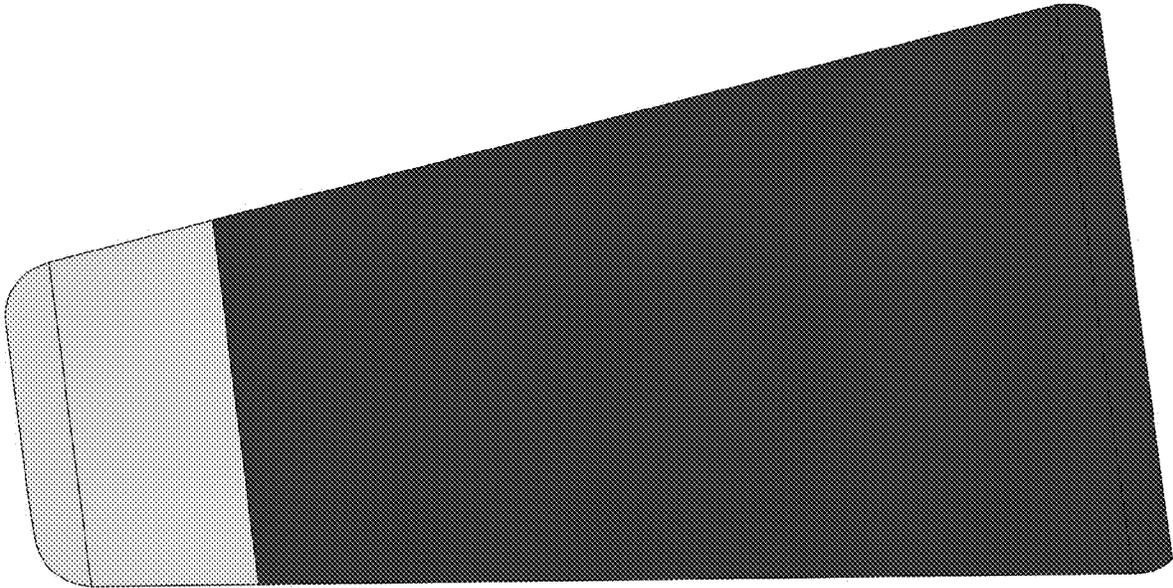


FIG. 3



FIG. 4

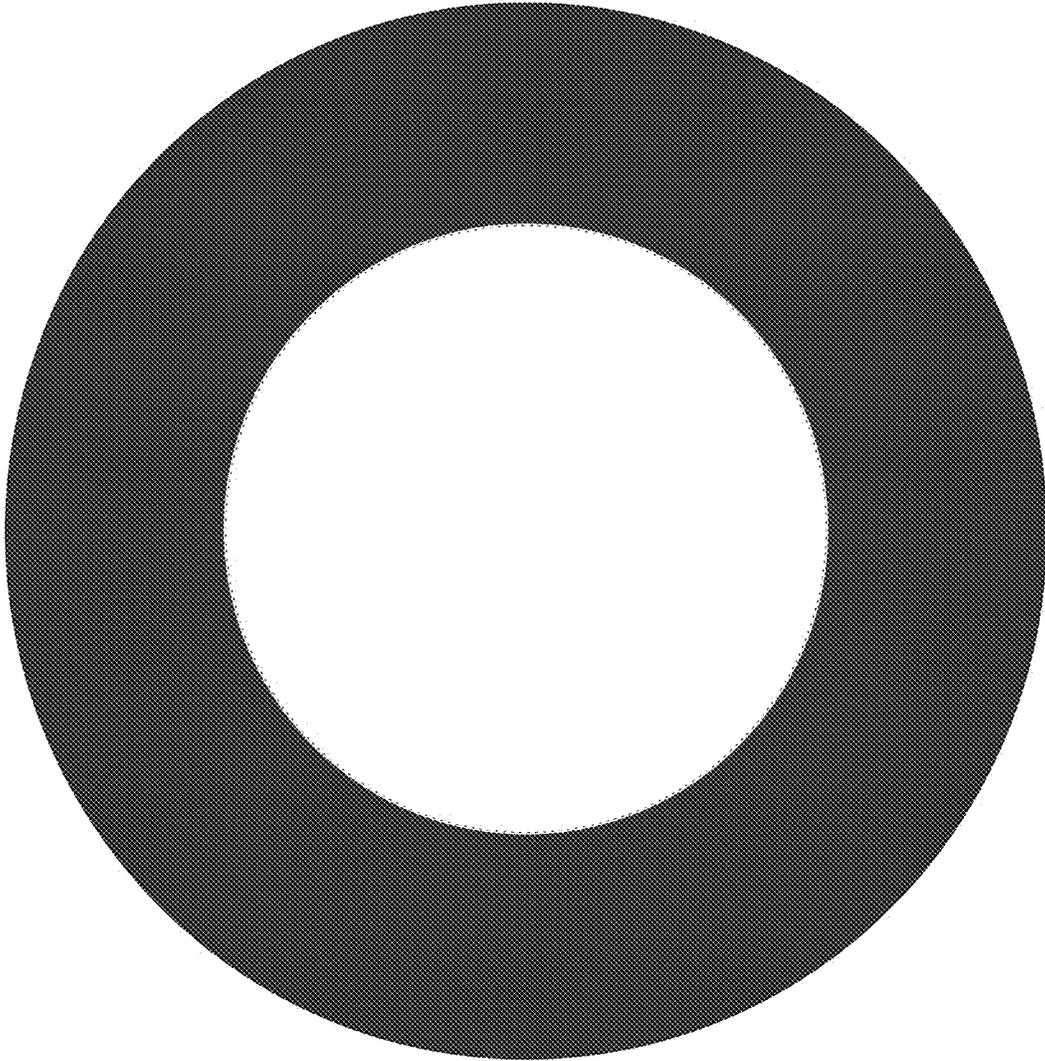


FIG. 5

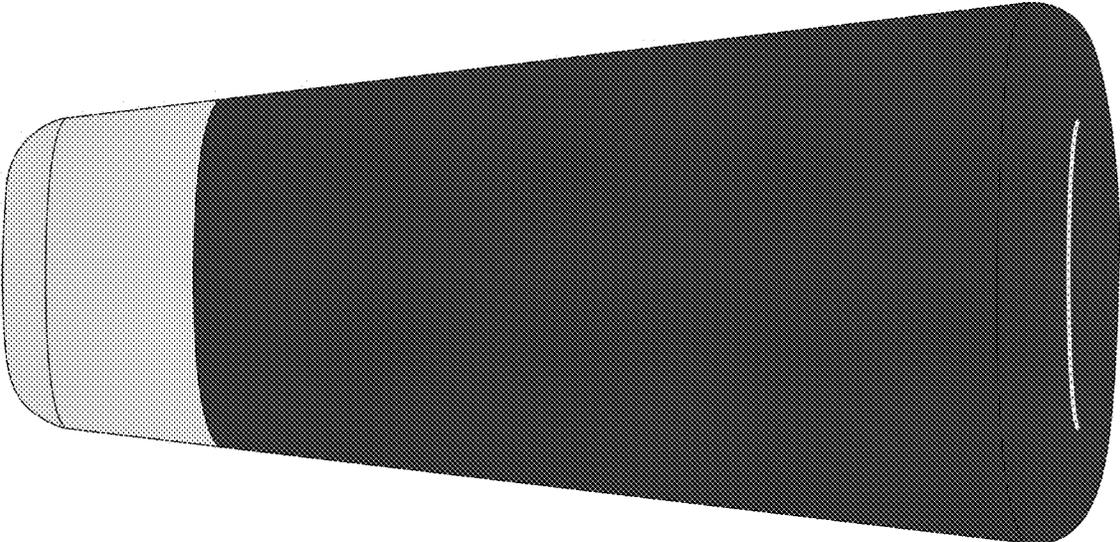


FIG. 6

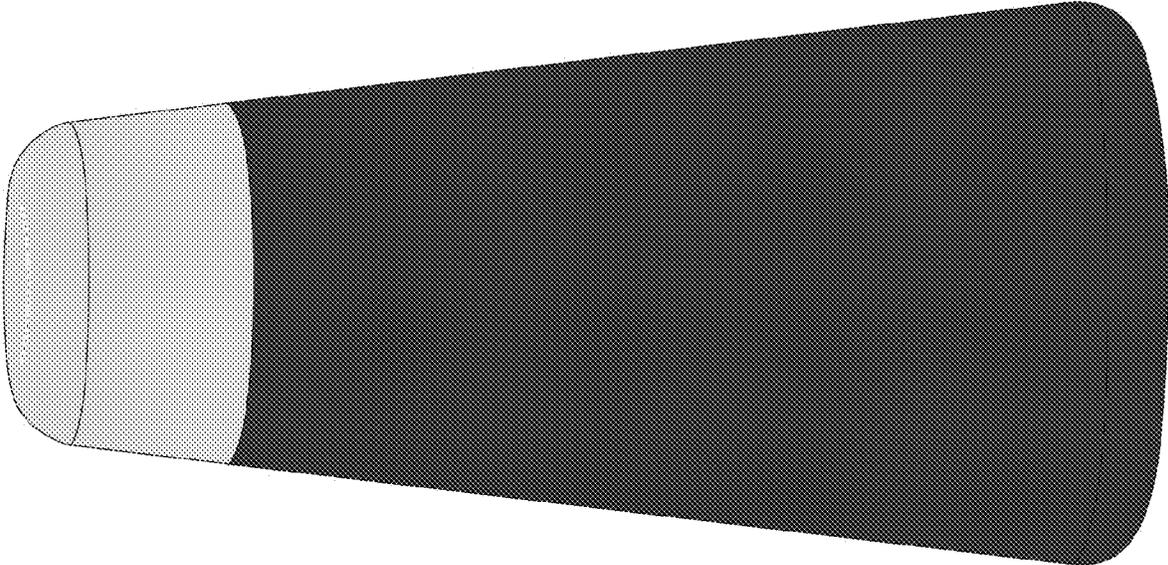


FIG. 7