

US00D387526S

United States Patent [19]

Berti et al.

[56]

Des. 387,526 Patent Number: [11] [45] Date of Patent: **Dec. 9, 1997

[54]	COMBINED WRINGER HAND GRIP, TUBULAR SHELL, AND COLLAR FOR A MOP		Primary Examiner—Susan J. Lucas Assistant Examiner—Cynthia E. Ran Attorney, Agent, or Firm—Marshal Murray & Borun	
[75]	Inventors:	Enzo Berti, Venice, Italy; Robert J. Libman, Champaign, Ill.	[57] CLAIM	
[73]	Assignee:	The Libman Company, Arcola, Ill.	The ornamental design for a combine tubular shell, and collar for a mop, as	
[**]	Term:	14 Years	DESCRIPTIO	
[21]	Appl. No.: 45,007		FIG. 1 is a top, front, and left-side combined wringer hand grip, tubular	
[22]	Filed:	Oct. 5, 1995	mop showing our new design; FIG. 2 is a front elevational view the	
[51]	LOC (6) Cl 04-01		elevational views being identical;	
[52]	U.S. Cl	D32/51 ; D32/40	FIG. 3 is a top plan view of the writer	
[58]	Field of S	earch	FIG. 4 is a top plan view of the tube	
	I	32/50, 51, 52; 15/115, 120.1, 120.2, 228,	FIG. 5 is a top plan view of the coll	
		229.1	FIG. 6 is an elevational view of the	
			hand grip.	

References Cited

U.S. PATENT DOCUMENTS

-		Young et al
·		Nakamura et al
4,575,893	3/1986	Rozier 15/171
5,060,338	10/1991	Yates et al 15/119.2

amirez all, O'Toole, Gerstein,

ned wringer handle grip, as shown and described.

NC

e perspective view of a ar shell, and collar for a

hereof, the rear and side

ringer hand grip;

bular shell;

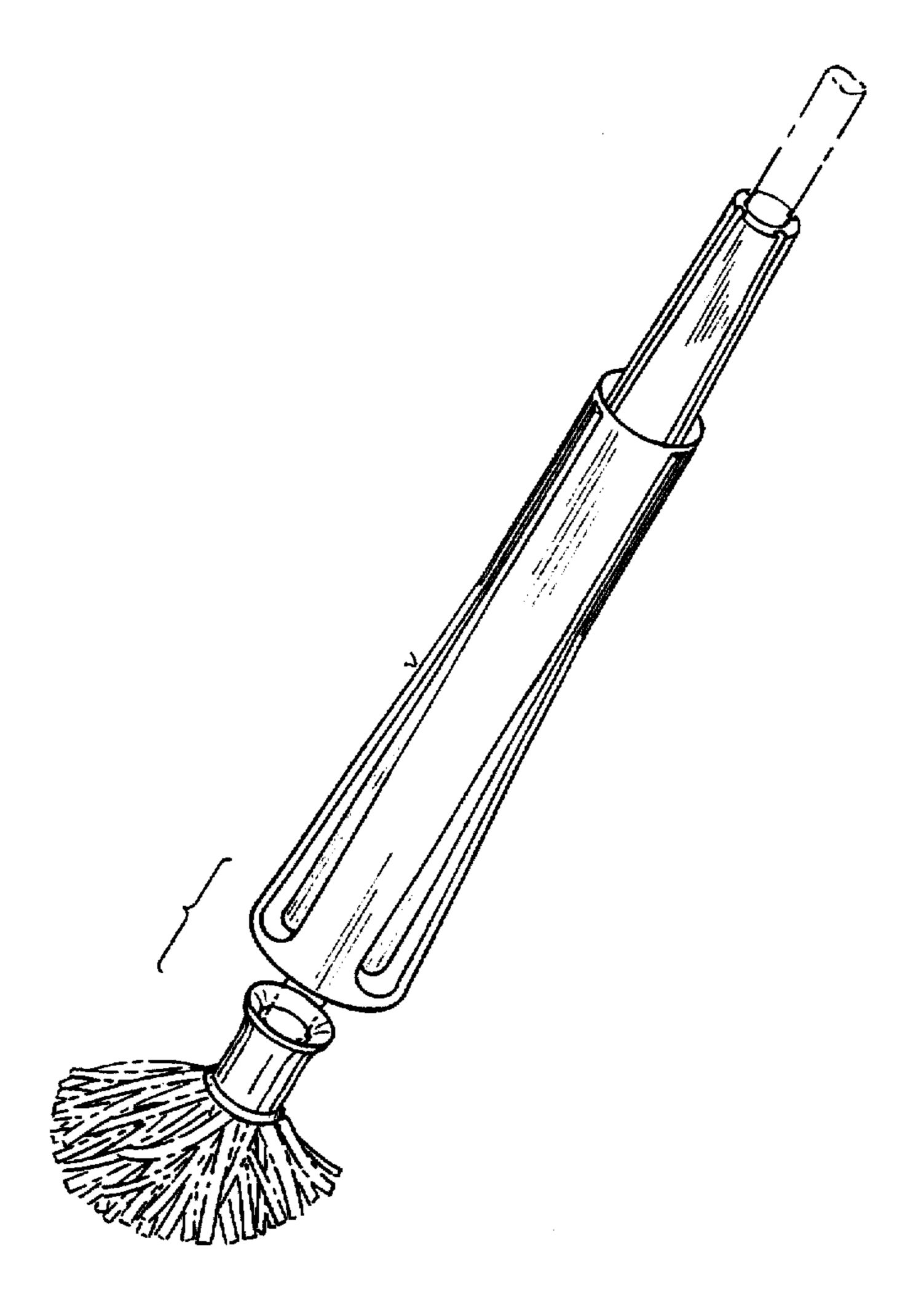
llar; and,

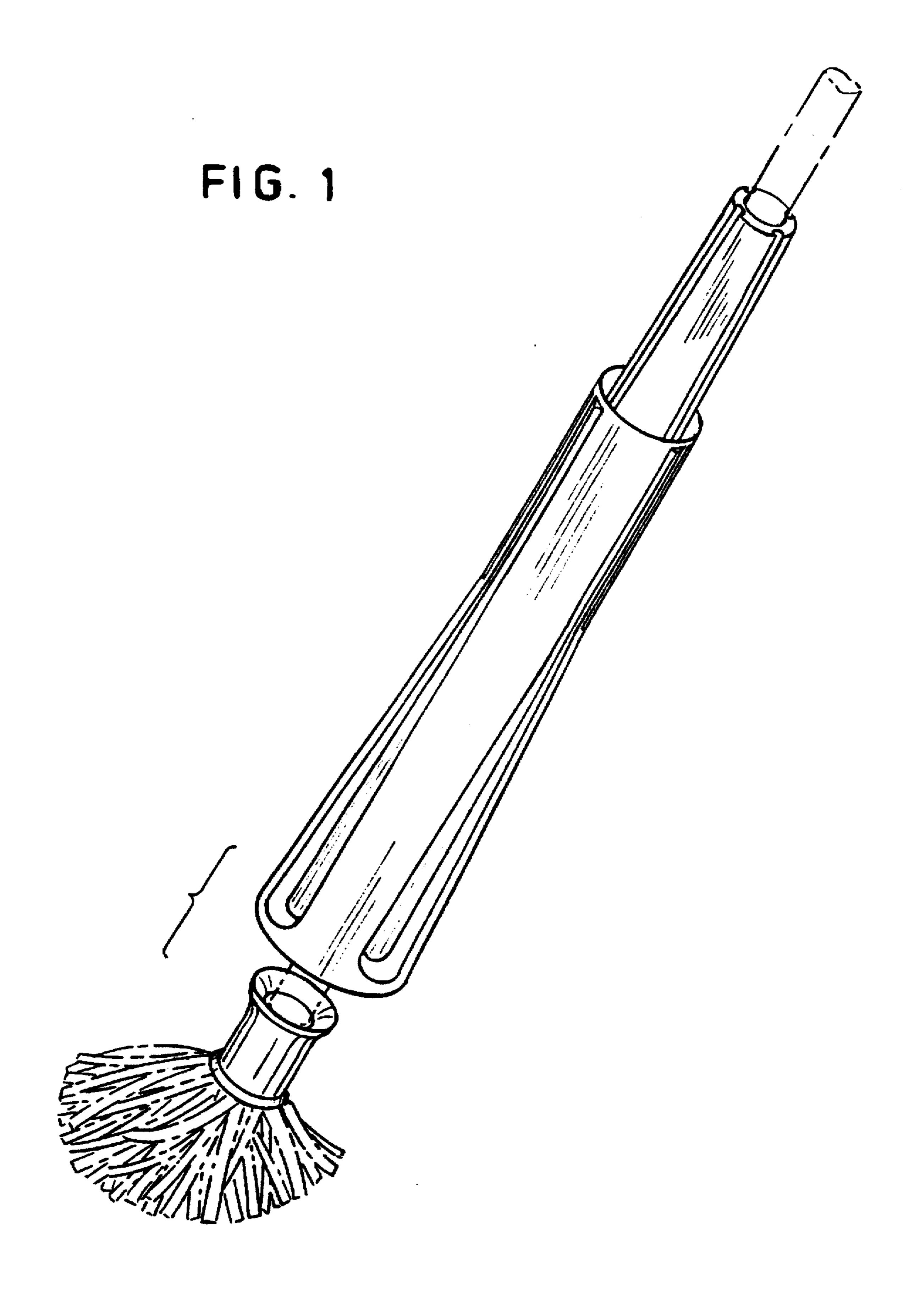
entirety of the wringer

The wringer hand grip, the tubular shell, and the collar are shown individually in FIGS. 3, 4, 5, and 6 for convenience of illustration.

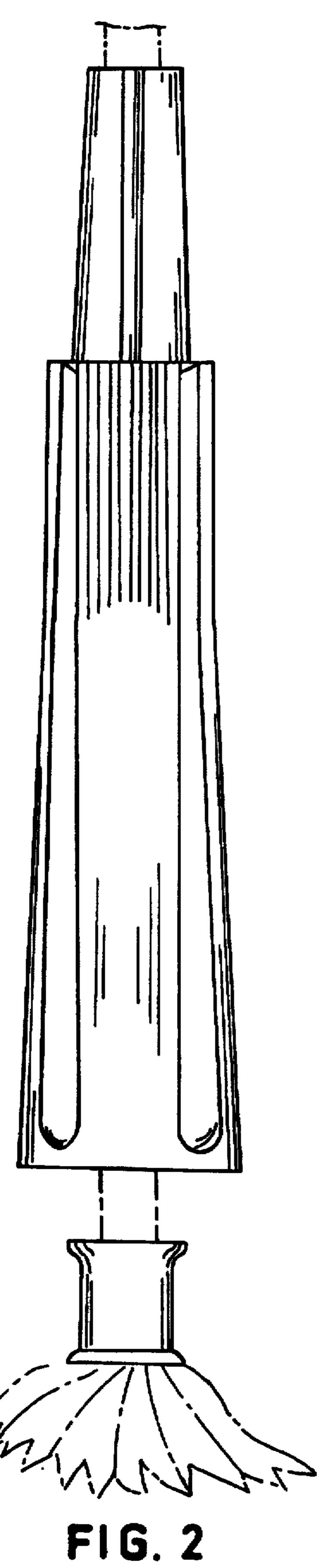
The handle and mop head are shown in broken lines for illustrative purposes only and form no part of the claimed design.

1 Claim, 2 Drawing Sheets





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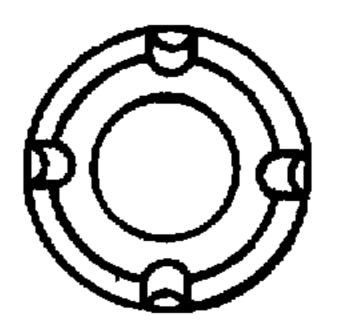
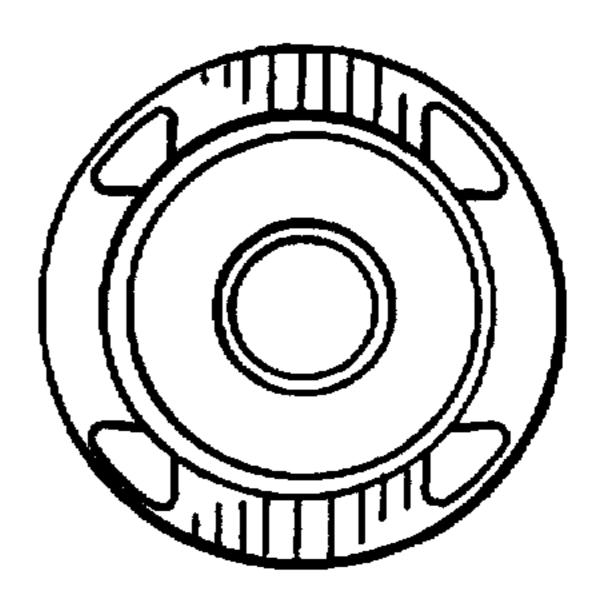
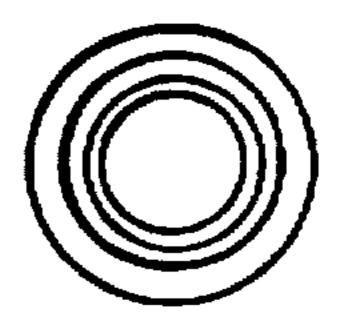


FIG. 3



F1G. 4



F16.5

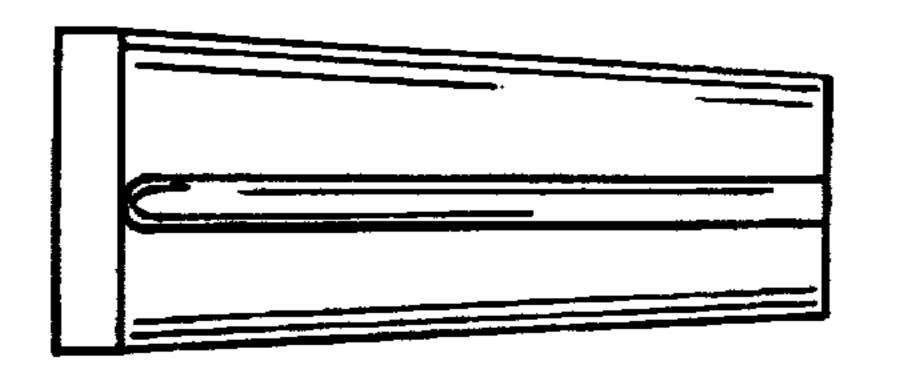


FIG. 6