

### US00D359217S

# United States Patent [19]

# Owens et al.

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[54]	CHUCI	ζ.					
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ř J			.11, 57.13; 173/170, 90, 91, 92, 93;				
		•	408/124, 125; 279/103, 123				
[56]		R	eferences Cited				
U.S. PATENT DOCUMENTS							
			Chaney D8/68				
	-		Fushiya et al D8/68				
	•		Sakamoto et al D8/68				
D	. 333,080		<del>*</del>				
	•		Savage.				
•	1,476,903	12/1923	McConnell .				
	,		Englund.				
•	1,784,002	12/1930	Englund.				
•	3,807,745	4/1974	Bent.				
	4,381,116						
4	4,695,065		Komatsu et al				
•	4,848,779		Wheeler et al				
•	4,951,955	8/1990	Sakamaki .				
	5,009,439		Sakamaki .				
	5,031,925						
	5,044,643						
	5,234,223	8/1993	Sakamaki .				
	FOR	EIGN I	PATENT DOCUMENTS				

#### FUREIGN PATENT DUCUMENTS

2606691 5/1988 France.

#### OTHER PUBLICATIONS

Jacobs (R) Manufacturing	Company	drawings:	No.
96-030413 dated Aug. 9, 19			
Jacobs ® Manufacturing	Company	drawings:	No.
96-030420 dated May 9, 19	90.		
Jabobs ® Manufacturing	Company	drawings:	No.
96-030643 dated Jul. 18, 19			
Jacobs ® Manufacturing	Company	drawings:	No.
96-030667 dated Sep. 24, 1			
Jacobs ® Manufacturing	Company	drawings:	No.
96-030677 dated Sep. 24 19	990.		

Jacobs ® Manufacturing Company	drawings:	No.
96-030678 dated Oct. 29, 1990.	<b>.</b>	~ ~
Jacobs ® Manufacturing Company	drawings:	No.
96-030679 dated Oct. 29, 1990.	_ •	• •
Jacobs ® Manufacturing Company	drawings:	No.
96-030684 dated Nov. 28, 1990.		• •
Jacobs ® Manufacturing Company	drawings:	No.
96-030715 dated Apr. 12, 1991.		
Jacobs ® Manufacturing Company	drawings:	No.
96-030732 dated Dec. 11, 1991.		
Jacobs ® Manufacturing Company	drawings:	No.
96-030736 dated Sep. 30, 1991.	_	
Jacobs ® Manufacturing Company	drawings:	No.
96-030742 dated Oct. 25, 1991.		
Jacobs ® Manufacturing Company	drawings:	No.
96-030748 dated Nov. 13, 1991.		
Jacobs ® Manufacturing Company	drawings:	No.
96-030752 dated Nov. 13, 1991.		
Jacobs ® Manufacturing Company	drawings:	No.
96-030758 dated Nov. 19, 1991.		
Jacobs ® Manufacturing Company	drawings:	No.
96-030772 dated Nov. 19, 1991.		
Jacobs ® Manufacturing Company	drawings:	No.
96-030775 dated Jan. 6, 1992.		
Jacobs (R) Manufacturing Company	drawings:	No.
96-030809 dated Mar. 12, 1992.		
Jacobs ® Manufacturing Company	drawings:	No.
96-030816 dated May 26, 1992.		
Jacobs (R) Manufacturing Company	drawings:	No.
96-031040 dated Jan. 14, 1993.		
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Primary Examiner—Alan P. Douglas		

Assistant Examiner—Jeffry H. Musgrove Attorney, Agent, or Firm-Dority & Manning

#### **CLAIM** [57]

The ornamental design for a chuck, as shown and described.

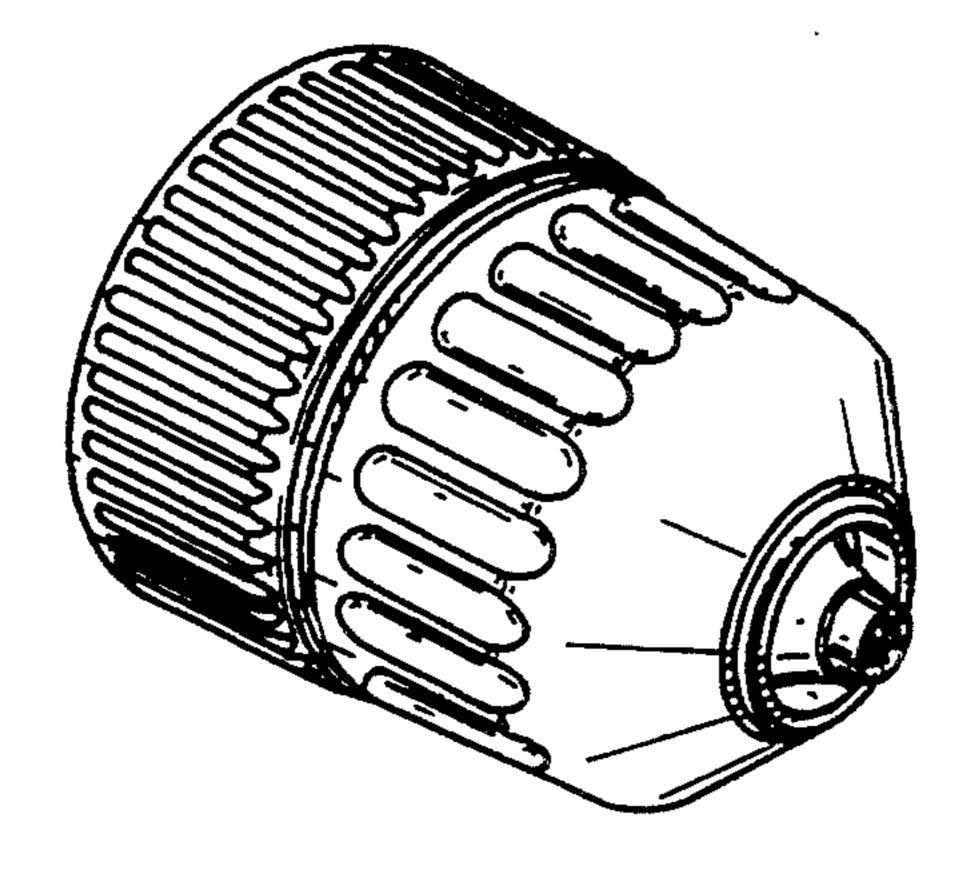
## DESCRIPTION

FIG. 1 is a perspective view of a chuck in accordance with an embodiment of the present invention;

FIG. 2 is a top view of the chuck illustrated in FIG. 1; FIG. 3 is a bottom view of an embodiment of the chuck illustrated in FIGS. 1 and 2;

FIG. 4 is a side view of the chuck illustrated in FIG. 3; FIG. 5 is a bottom view of another embodiment of the chuck illustrated in FIGS. 1 and 2; and,

FIG. 6 is a side view of the chuck illustrated in FIG. 5.



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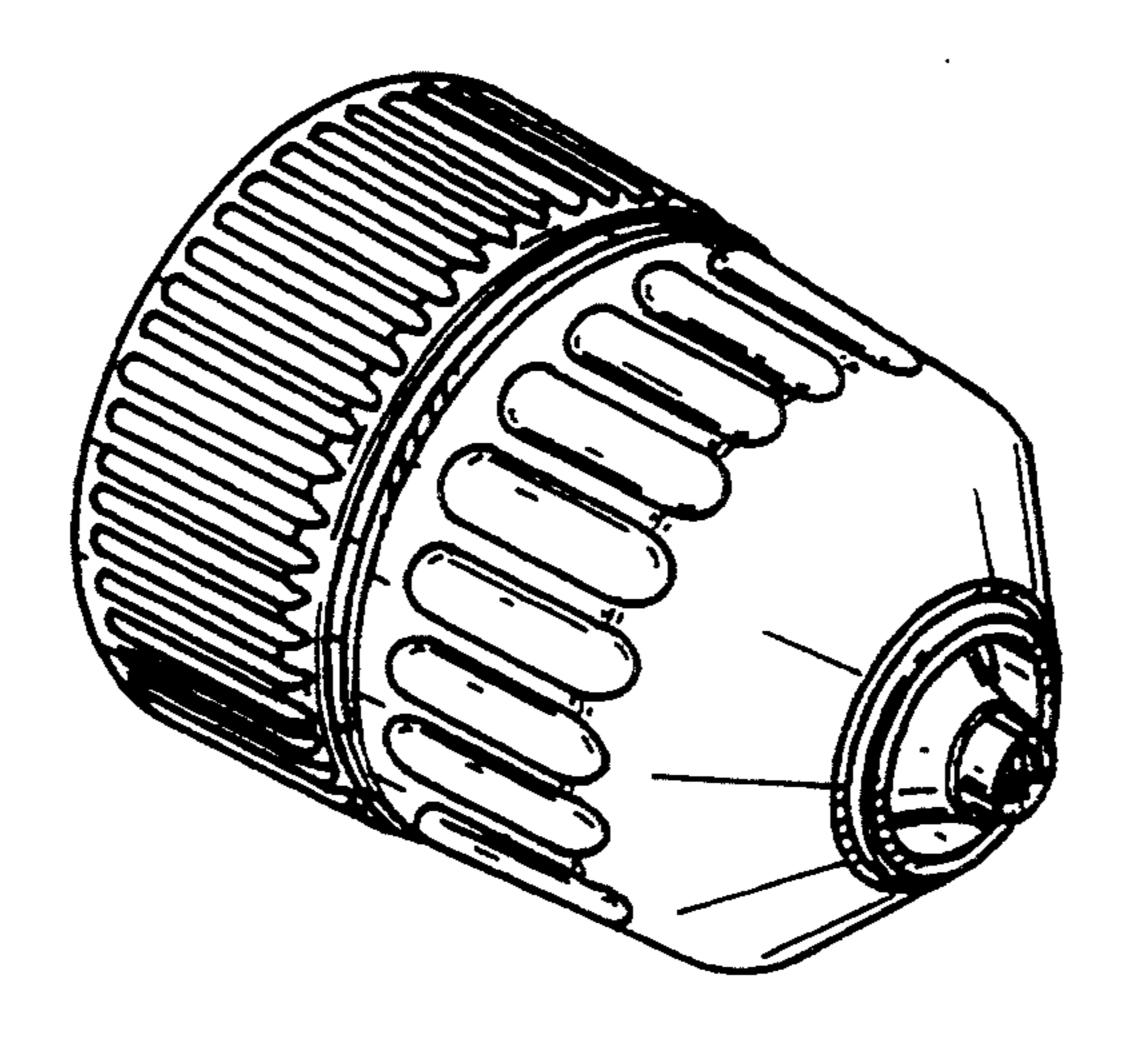


FIG. 1

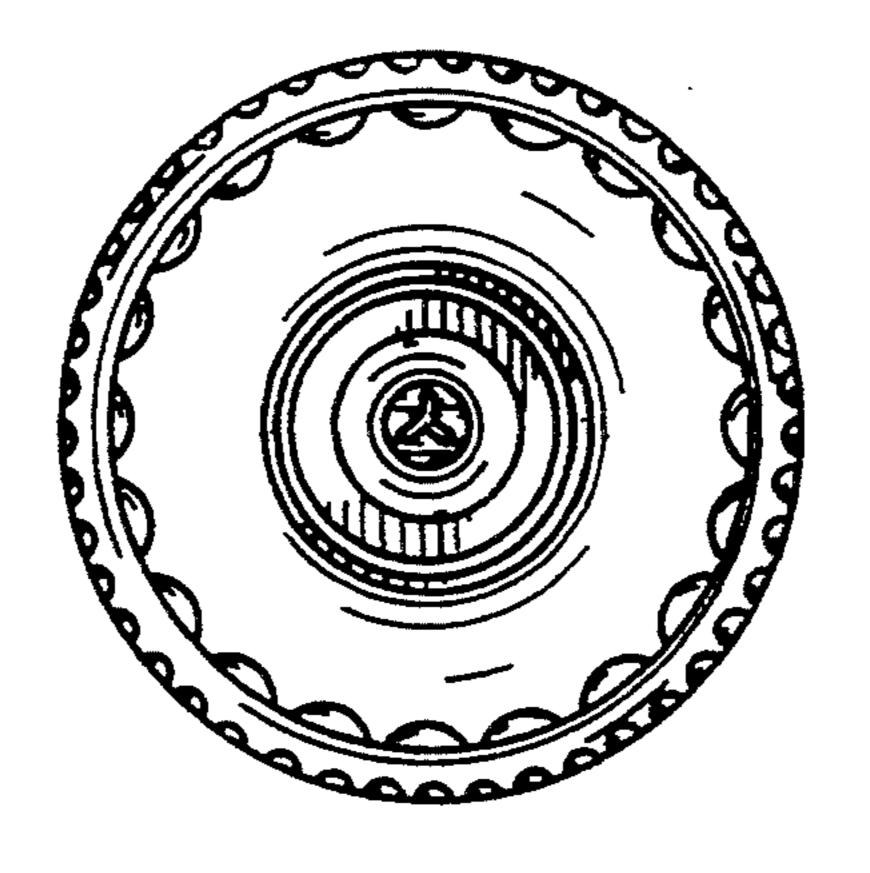


FIG. 2

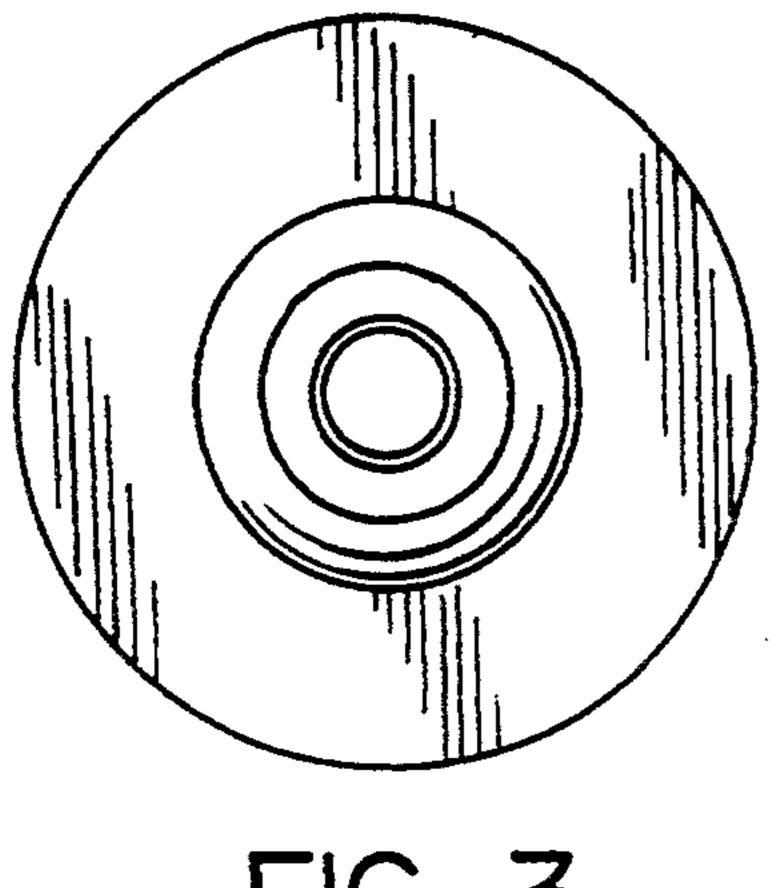


FIG. 3

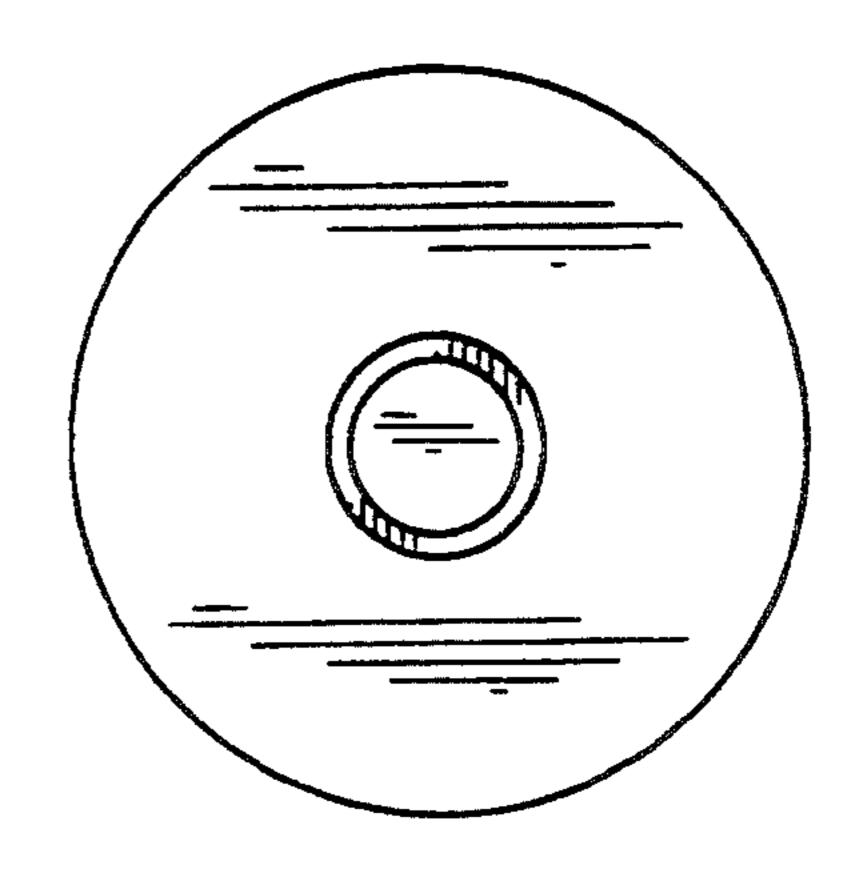


FIG. 5

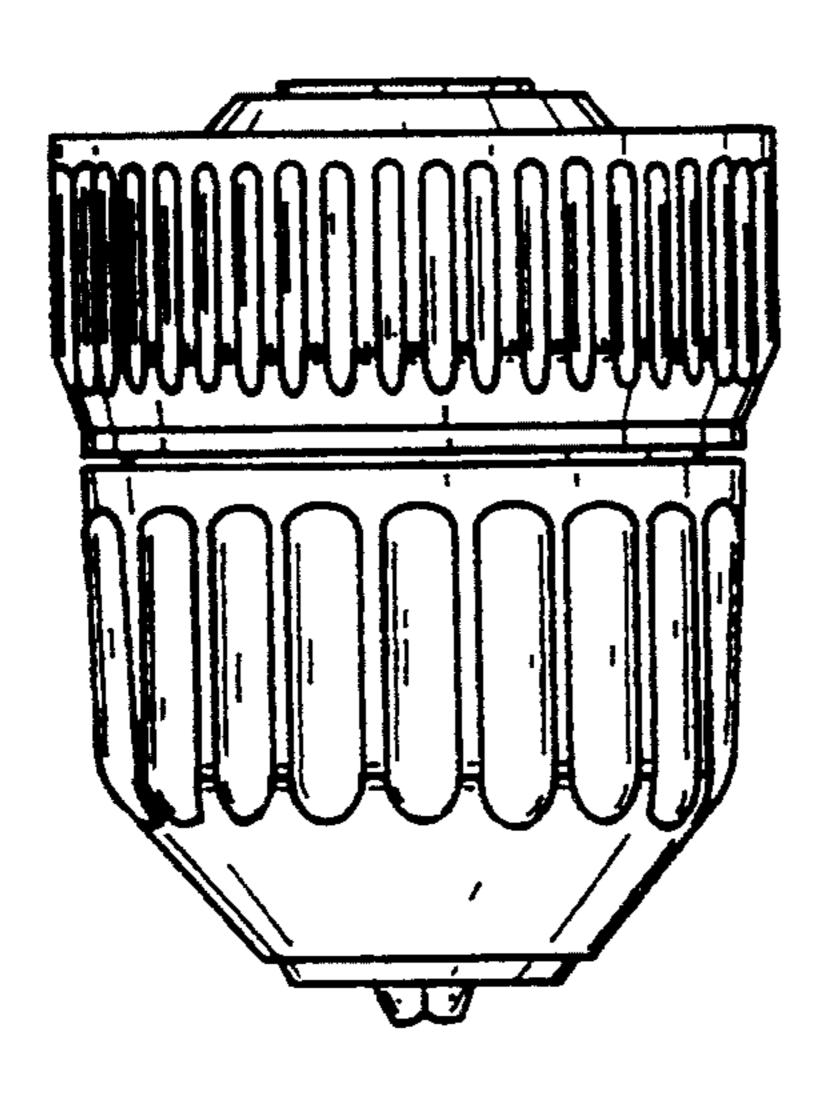


FIG. 4

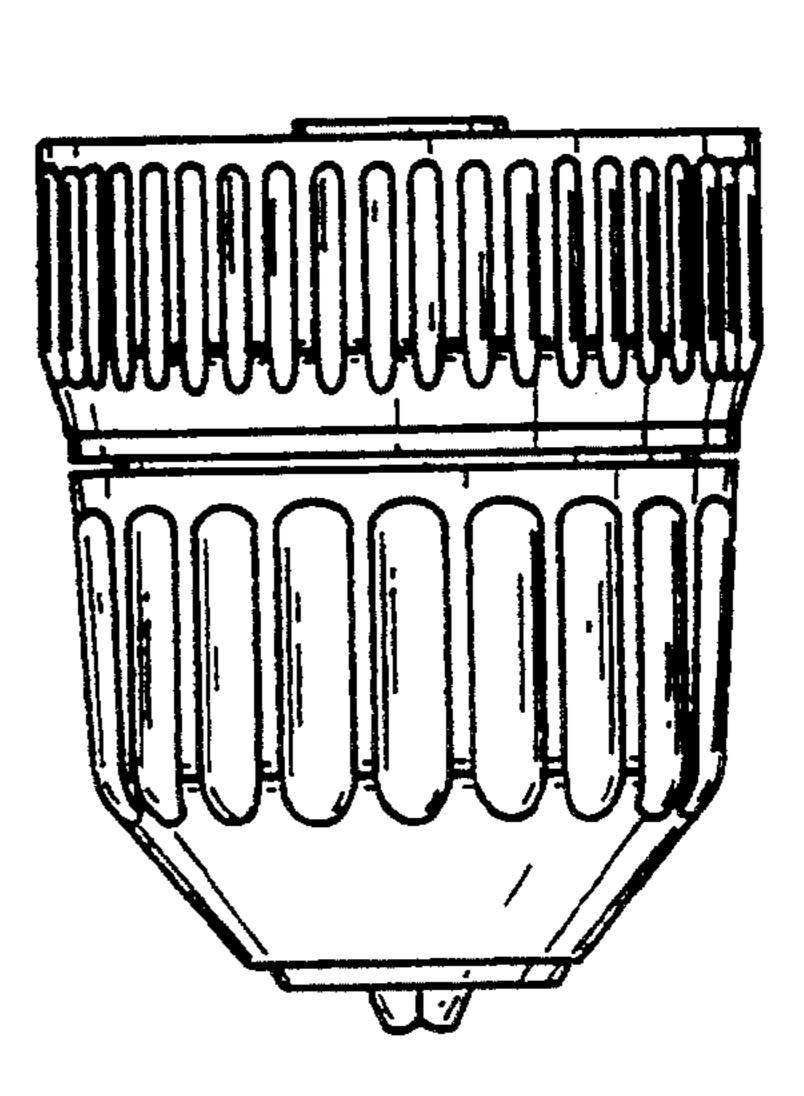


FIG. 6