



US00D594040S

(12) **United States Design Patent**  
**Cadwallader**

(10) **Patent No.:** **US D594,040 S**

(45) **Date of Patent:** **\*\* Jun. 9, 2009**

(54) **TURBO PUMP DISPERSION BLADE**

(76) Inventor: **Steven N Cadwallader**, P.O. Box 5155,  
Huntington, IN (US) 46750

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/278,197**

(22) Filed: **Mar. 21, 2007**

(51) **LOC (9) Cl.** ..... **15-09**

(52) **U.S. Cl.** ..... **D15/138**

(58) **Field of Classification Search** ..... D7/383,  
D7/694, 696; D8/20, 66, 70; D15/133, 138,  
D15/139; 30/307, 347, 355, 388, 389-391;  
83/663, 676, 835-838, 846-855; 125/13.01,  
125/15, 22

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D32,820	S	*	6/1900	Zwiebel	.....	D8/70
3,579,928	A		5/1971	Held		
3,730,038	A		5/1973	Farb		
D251,593	S	*	4/1979	McCreery	.....	D15/138
4,574,676	A		3/1986	Jansen-Herfeld		
4,794,835	A		1/1989	Fujiyoshi		
4,913,022	A		4/1990	Kuklinski		
D349,441	S	*	8/1994	Johnston	.....	D8/70
5,758,561	A		6/1998	Curtsinger et al.		
6,931,975	B2		8/2005	Haughton et al.		
2003/0029297	A1	*	2/2003	Haughton et al.	.....	83/853
2007/0261530	A1	*	11/2007	Earle et al.	.....	83/835

**OTHER PUBLICATIONS**

Quickblades HSX Series, [http://www.quickblades.net/forms/Quick\\_Blades\\_HSX\\_Series.pdf](http://www.quickblades.net/forms/Quick_Blades_HSX_Series.pdf), found Jul. 24, 2007.\*

\* cited by examiner

*Primary Examiner*—Sandra Snapp

*Assistant Examiner*—Patricia Palasik

(74) *Attorney, Agent, or Firm*—Michael I Kroll

(57) **CLAIM**

The ornamental design for a turbo pump dispersion blade, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a turbo pump dispersion blade showing my new design;

FIG. 2 is a rear elevational view of a turbo pump dispersion blade showing my new design;

FIG. 3 is a right side elevational view of a turbo pump dispersion blade showing my new design;

FIG. 4 is a left side elevational view of a turbo pump dispersion blade showing my new design;

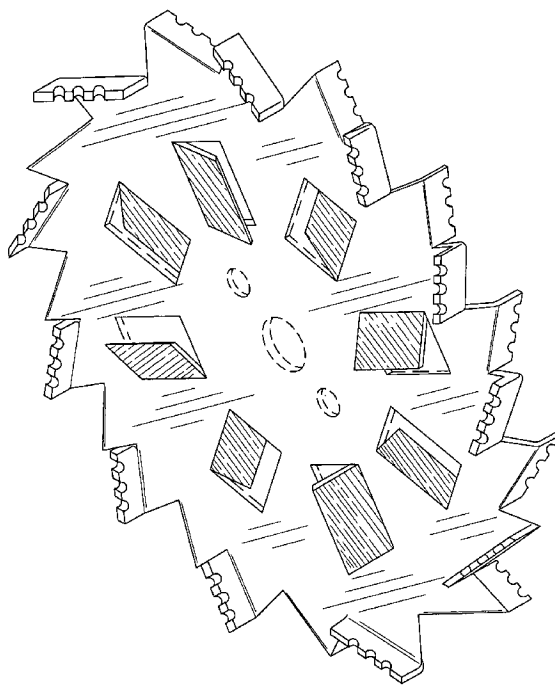
FIG. 5 is a top plan view of a turbo pump dispersion blade showing my new design; and,

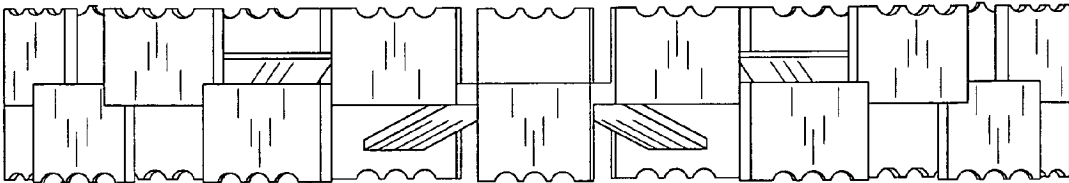
FIG. 6 is a bottom plan view of a turbo pump dispersion blade showing my new design; and,

FIG. 7 is a perspective view of a turbo pump dispersion blade showing my new design.

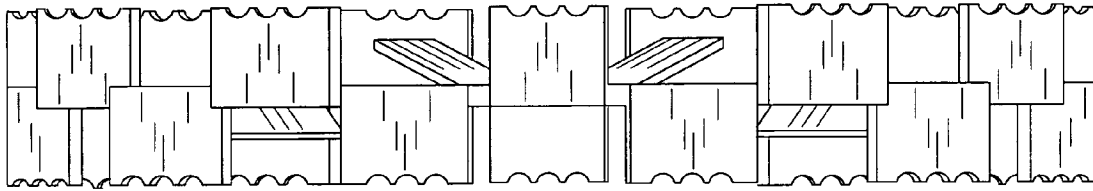
The broken lines in the drawings depict unclaimed environmental subject matter.

**1 Claim, 7 Drawing Sheets**

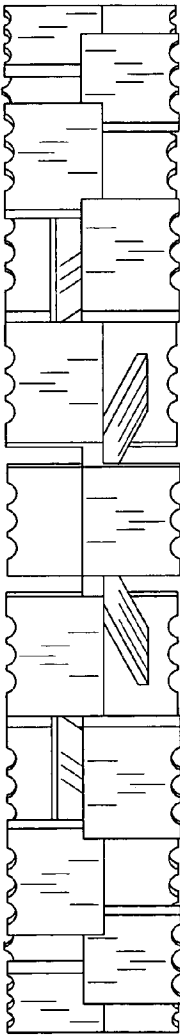




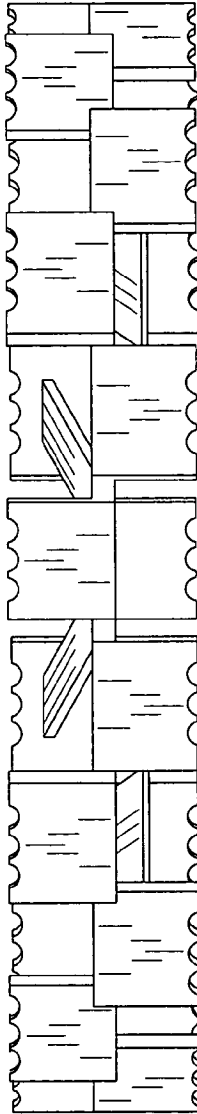
**FIG. 1**



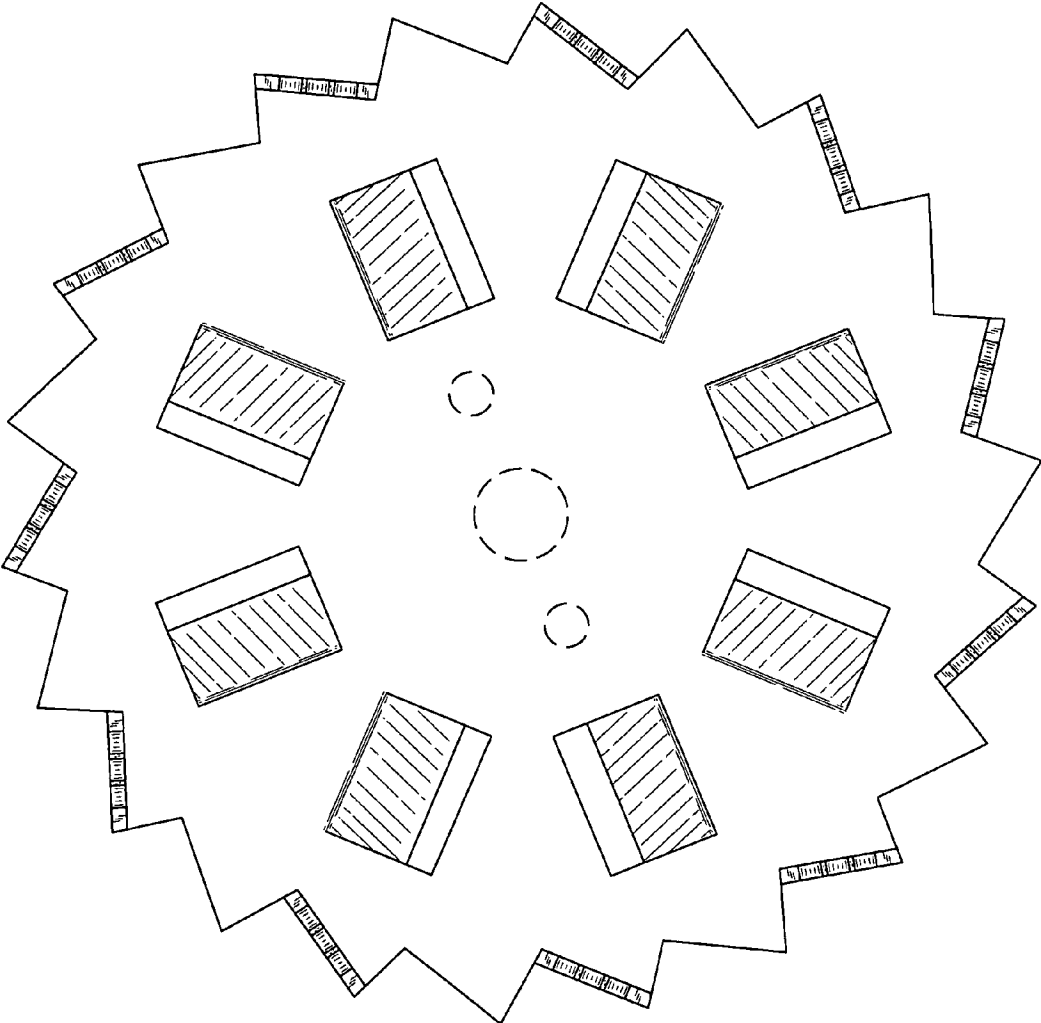
**FIG. 2**



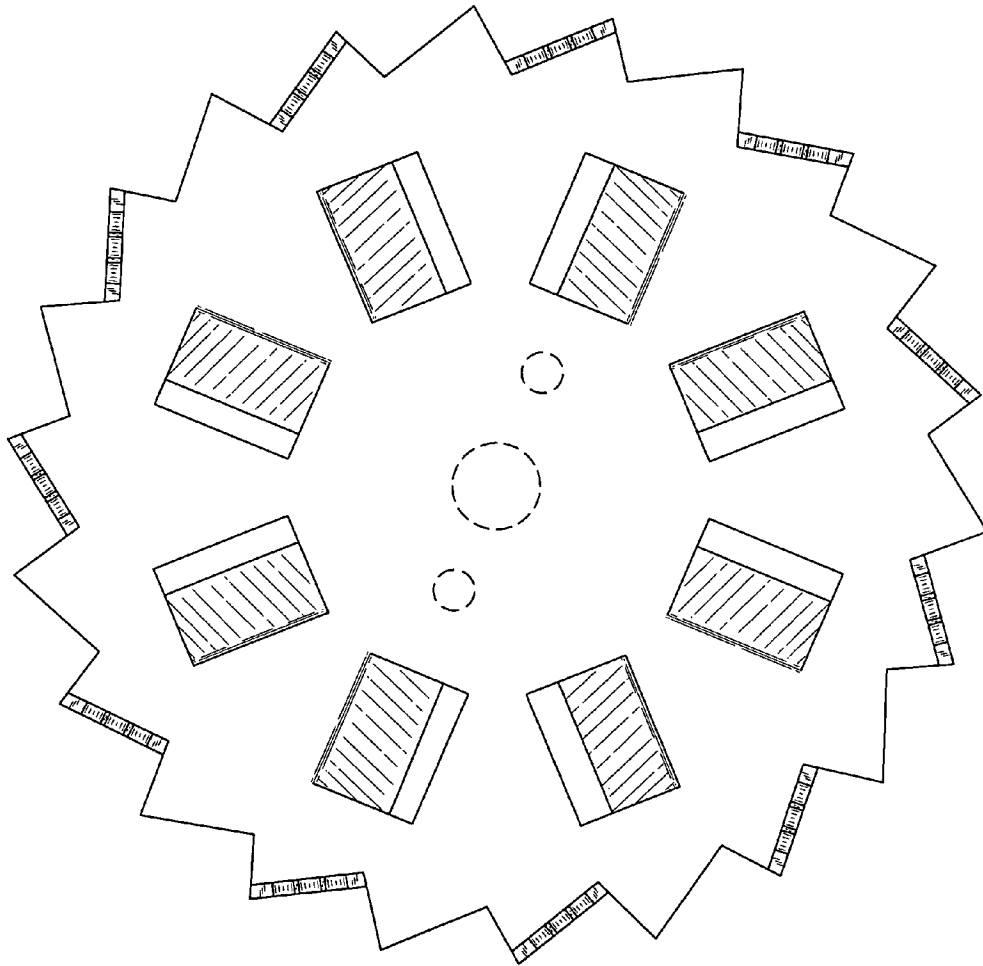
**FIG. 3**



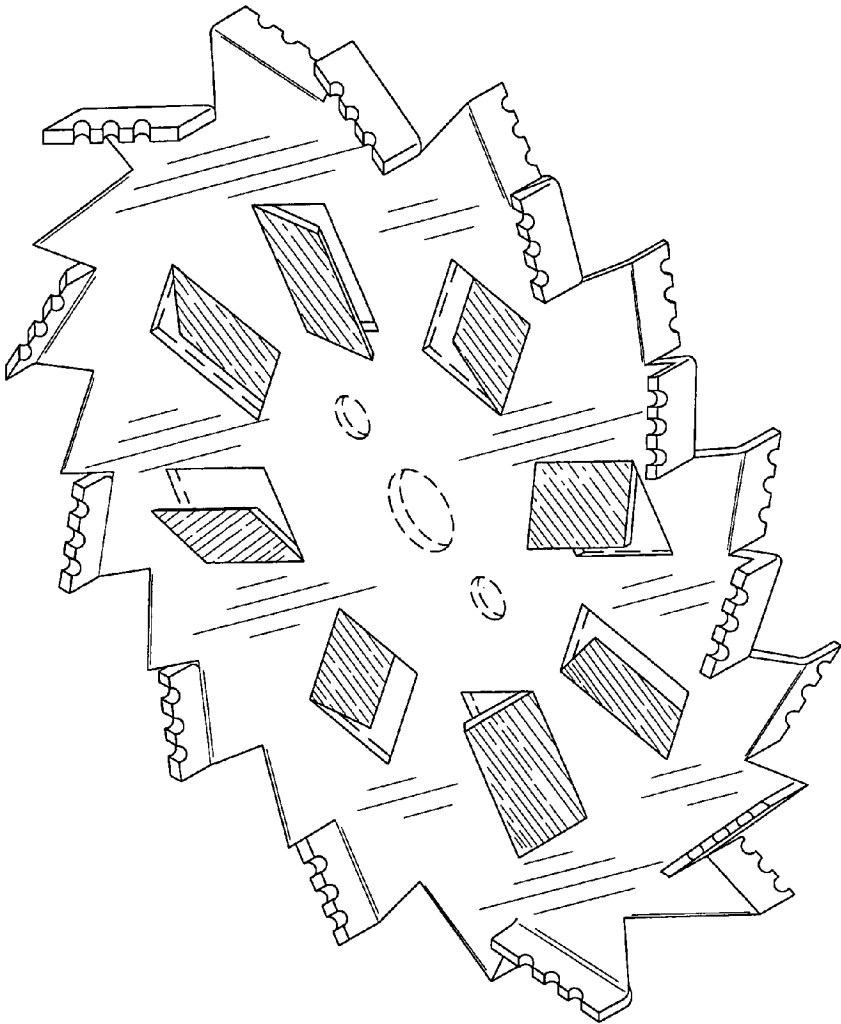
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**