

(12) United States Design Patent (10) Patent No.: US D548,333 S Gunaratnam et al. (45) Date of Patent: ** Aug. 7, 2007

- (54) PORT CAP FOR USE WITH MASK ASSEMBLY IN THE APPLICATION OF CONTINUOUS POSITIVE AIRWAY PRESSURE (CPAP)
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5,311,862	A		5/1994	Blasdell et al.	
5,375,593	A		12/1994	Press	
5,425,359	A	*	6/1995	Liou	128/206.11
5,429,683	A		7/1995	Le Mitouard	
5,474,063	A		12/1995	Riendeau	
5,542,128	A		8/1996	Lomas	
5,662,101	A		9/1997	Ogden et al.	
5,682,881	A	*	11/1997	Winthrop et al	128/207.18
5,687,715	A		11/1997	Landis et al.	
5,724,965	A		3/1998	Handke et al.	
5,865,174	A	*	2/1999	Kloeppel	128/204.23

(**) Term: 14 Years

(21) Appl. No.: 29/183,802

(22) Filed: Jun. 18, 2003

Related U.S. Application Data

(63) Continuation-in-part of application No. 10/162,234, filed on Jun. 5, 2002, which is a continuation of application No. 09/504,234, filed on Feb. 15, 2000, now Pat. No. 6,439,230, which is a continuation-in-part of application No. 29/115, 618, filed on Dec. 16, 1999, now Pat. No. Des. 443,355.

(30) Foreign Application Priority Data

	•	<i>r</i>	PQ 1040 1916/1999
(51)	LOC (8) Cl.		
(52)	U.S. Cl		D24/110.5
(58)	Field of Clas	ssification Search .	D24/110.1,
		D24/110.5; 128/207	.13, 207.18, 204.18,
			128/204 22

(Continued)

OTHER PUBLICATIONS

Brochure for "Ultra Mirage Mask—Mask Fitting Guide," Ref. No. 101412/2 00 04, 2000, 1 page. Brochure for "Ultra Mirage Mask—Ultra Convenient, Ultra Comfortable, Ultra Quiet," Ref. No. 101375/1 00 02, 2000, 4 pages.

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(57) **CLAIM**

The ornamental design for a port cap for use with mask assembly in the application of continuous positive airway pressure (CPAP), as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a port cap for use with a mask assembly in the application of CPAP processes according to an embodiment of our design;FIG. 2 is a front view thereof; and,FIG. 3 is a rear view thereof.

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

718,785	Α	1/1903	McNary
4,231,363	Α	11/1980	Grimes
4,807,617	Α	2/1989	Nesti
4,944,310	Α	7/1990	Sullivan
5,042,478	Α	8/1991	Kopala et al.
5,233,978	Α	8/1993	Callaway et al.
5,243,971	А	9/1993	Sullivan et al.

The dashed lines shown in FIGS. 1–3 disclose unclaimed subject matter, are for environmental purposes only, and thus form no part of the claimed design. The dotted lines shown in the Figures represent the borders between claimed subject matter and unclaimed subject matter and form no part of the claimed design.

1 Claim, 1 Drawing Sheet



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U.S. PATENT DOCUMENTS

5,918,598	А	7/1999	Belfer et al.
5,975,077	А	11/1999	Hofstetter et al.
D419,670	S	1/2000	Pollard

6,044,844 A 4/2000 Kwok et al.

6,196,223B13/2001Belfer et al.6,354,293B13/2002Madison6,439,230B18/2002Gunaratnam et al.6,478,026B111/2002Wood

* cited by examiner

U.S. Patent

Aug. 7, 2007









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