



US00D701957S

(12) **United States Design Patent**
Brunner et al.

(10) **Patent No.:** **US D701,957 S**

(45) **Date of Patent:** **** *Apr. 1, 2014**

(54) **NASAL DILATOR**

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

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

(21) Appl. No.: **29/432,211**

(22) Filed: **Sep. 14, 2012**

Related U.S. Application Data

(63) Continuation of application No. 29/398,050, filed on Jul. 26, 2011, now Pat. No. Des. 672,872, which is a continuation-in-part of application No. 29/352,646, filed on Dec. 23, 2009, now Pat. No. Des. 644,324.

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/135**

(58) **Field of Classification Search**
USPC D24/133, 135, 140, 189; D28/4;
D29/108; 606/191-199

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,533,499 A 7/1996 Johnson
5,533,503 A 7/1996 Doubek et al.
5,546,929 A 8/1996 Muchin
5,611,333 A 3/1997 Johnson
D379,513 S * 5/1997 Ierulli D24/135

5,653,224 A 8/1997 Johnson
D422,358 S * 4/2000 Lundy et al. D24/135
D422,702 S * 4/2000 Lundy et al. D24/135
D422,703 S * 4/2000 Lundy et al. D24/135
6,065,470 A 5/2000 Van Cromvoirt et al.
D427,370 S * 6/2000 Kalafsky et al. D28/4
D429,332 S * 8/2000 Ierulli D24/135
D430,295 S * 8/2000 Ierulli D24/135
6,098,616 A 8/2000 Lundy, Jr. et al.
D432,652 S * 10/2000 Ierulli D24/135

(Continued)

FOREIGN PATENT DOCUMENTS

CH 137168-0001 * 8/2010
CH 137168-0002 * 8/2010

(Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 29/352,627, filed Dec. 23, 2009, Brogden et al.

(Continued)

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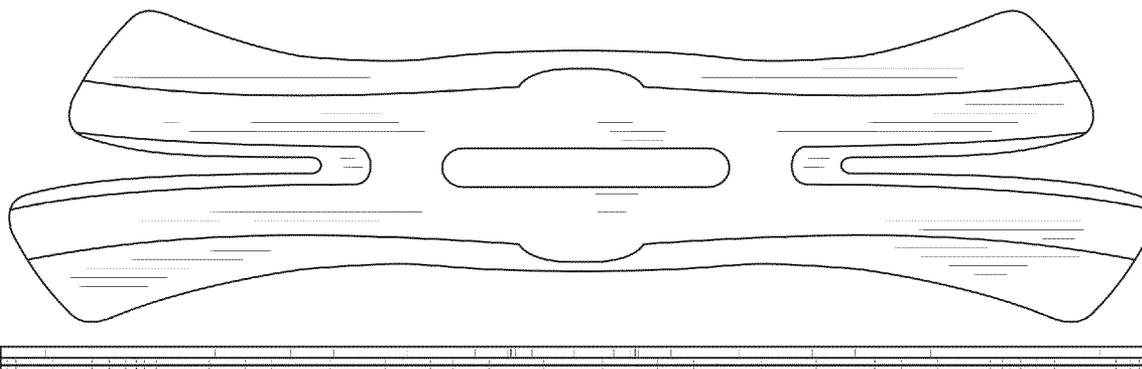
(57) **CLAIM**

The ornamental design for a nasal dilator, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a nasal dilator showing our new design;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a first side elevational view thereof;
FIG. 5 is a second side elevational view thereof; and,
FIG. 6 is an end elevational view thereof, both ends being the same.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D437,641	S	*	2/2001	Ierulli	.....	D24/135
D441,081	S	*	4/2001	Mueller	.....	D24/189
6,318,362	B1		11/2001	Johnson		
6,453,901	B1		9/2002	Ierulli		
6,631,714	B2		10/2003	Von Duyke et al.		
D490,897	S	*	6/2004	Ruch	.....	D24/135
7,067,710	B1		6/2006	Beaudry		
D639,762	S	*	6/2011	Brogden et al.	.....	D24/135
D644,324	S	*	8/2011	Brunner et al.	.....	D24/135
D644,325	S	*	8/2011	Brunner et al.	.....	D24/135
D651,710	S	*	1/2012	Brogden et al.	.....	D24/135
D667,543	S	*	9/2012	Ierulli	.....	D24/135
D671,643	S	*	11/2012	Ierulli	.....	D24/135
D672,461	S	*	12/2012	Brogden et al.	.....	D24/135
D672,872	S	*	12/2012	Brunner et al.	.....	D24/135
D673,270	S	*	12/2012	Brunner et al.	.....	D24/135
2001/0032645	A1		10/2001	Cronk et al.		
2007/0255309	A1		11/2007	Guyuron et al.		
2008/0058858	A1		3/2008	Smith		
2008/0184995	A1		8/2008	Ierulli et al.		
2008/0257341	A1		10/2008	Ierulli		
2009/0234383	A1		9/2009	Ierulli		

FOREIGN PATENT DOCUMENTS

CH	137168-0003	*	8/2010
CH	137168-0004	*	8/2010
EM	001220826-0001	*	8/2010
EM	001220826-0002	*	8/2010
EM	001220826-0003	*	8/2010
EM	001220826-0004	*	8/2010
EP	0842646		5/1998
JP	D1418796	*	7/2011
JP	D1419051	*	7/2011
JP	D1419052	*	7/2011
JP	D1419053	*	7/2011
WO	WO99/22678		5/1999
WO	WO2005/020845		2/2009

OTHER PUBLICATIONS

U.S. Appl. No. 29/352,630, filed Dec. 23, 2009, Brogden et al.
 U.S. Appl. No. 29/352,649, filed Dec. 23, 2009, Brogden et al.

* cited by examiner

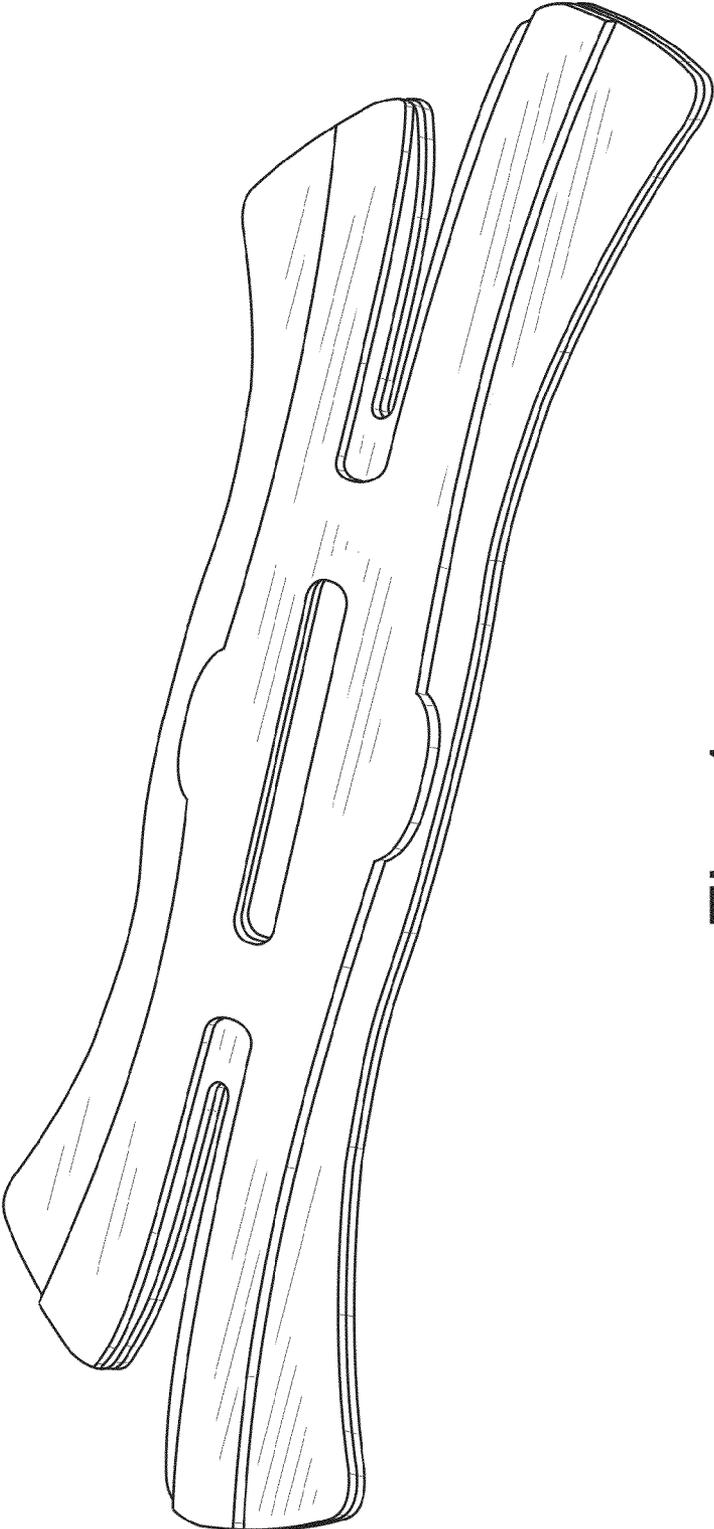


Fig. 1

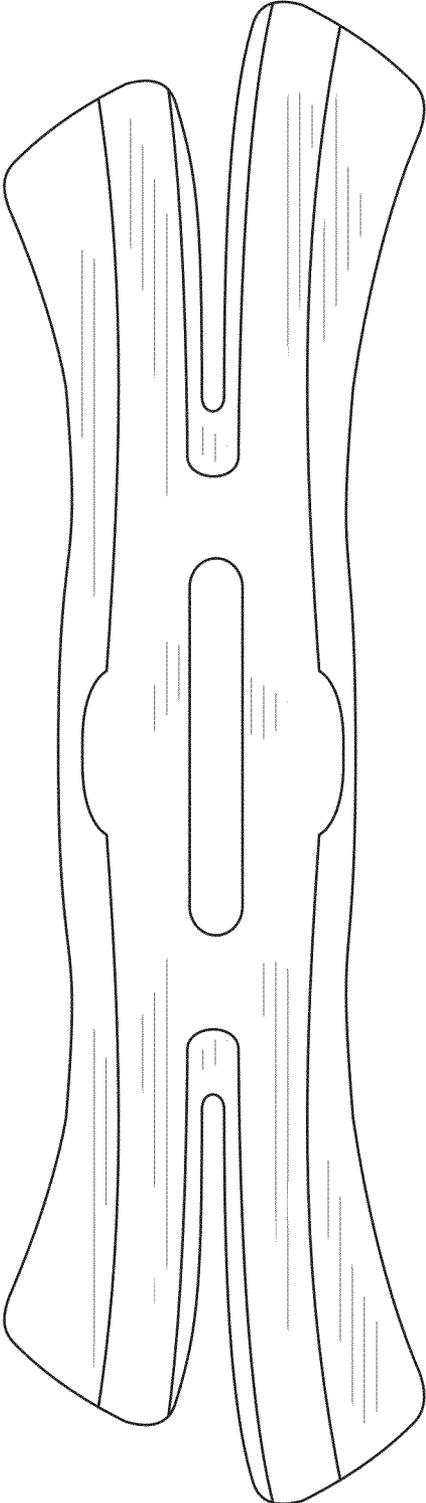


Fig. 2

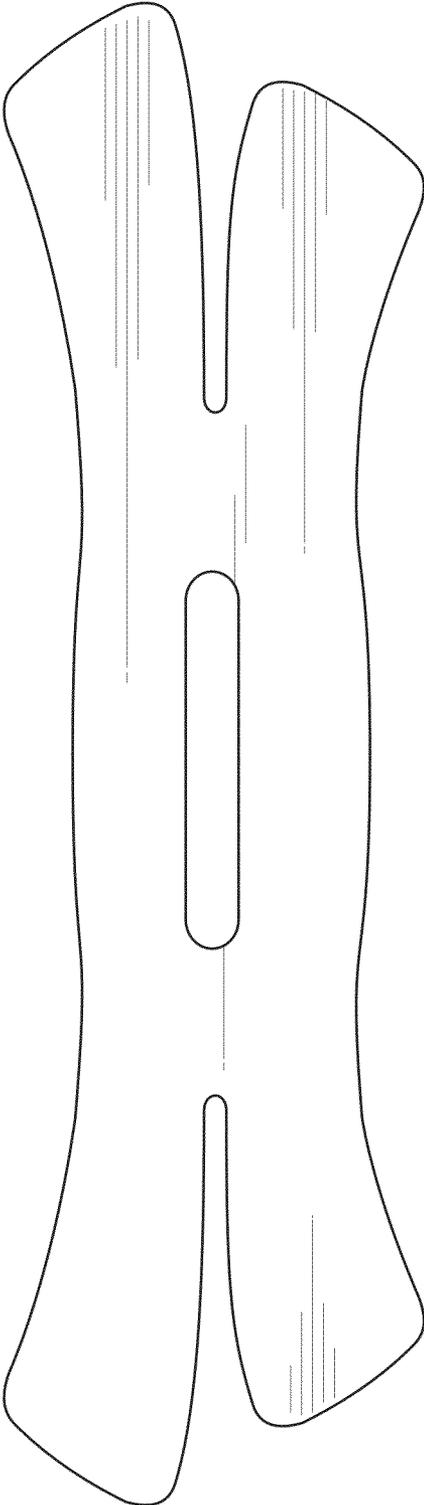


Fig. 3



Fig. 4

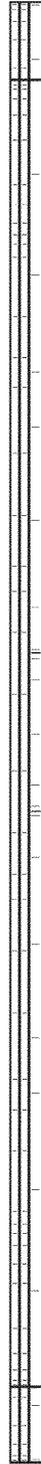


Fig. 5



Fig. 6