



US00D677197S

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

(10) **Patent No.:** **US D677,197 S**  
(45) **Date of Patent:** **\*\* Mar. 5, 2013**

(54) **ROOF BOW**  
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(\*\*) Term: **14 Years**  
(21) Appl. No.: **29/419,721**  
(22) Filed: **May 1, 2012**

**Related U.S. Application Data**

(60) Continuation of application No. 29/406,600, filed on Nov. 16, 2011, now Pat. No. Des. 661,622, which is a division of application No. 29/390,732, filed on Apr. 28, 2011, now Pat. No. Des. 657,719, which is a continuation of application No. 29/376,982, filed on Oct. 15, 2010, now Pat. No. Des. 650,723.

(51) **LOC (9) Cl.** ..... **12-10**  
(52) **U.S. Cl.** ..... **D12/106**  
(58) **Field of Classification Search** ..... D12/19,  
D12/129, 101-106; D21/425, 435; D34/21-26,  
D34/12, 16; 280/204, 205, 63, 475, 482,  
280/647;  
296/168, 180, 180.2, 10, 61, 100.01-100.08,  
296/210  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,093,657 A 4/1914 Sisson  
1,910,397 A 5/1933 Lewis  
1,947,682 A 2/1934 Swan  
2,138,084 A 11/1938 Bare  
2,205,640 A 6/1940 Wendt  
2,342,916 A 2/1944 Blaski  
2,368,405 A 1/1945 Black  
2,500,021 A 3/1950 Black  
2,645,521 A 7/1953 Judson  
2,697,990 A 12/1954 Parsons et al.  
3,022,106 A 2/1962 Black  
3,035,161 A 5/1962 Kalt

3,205,002 A 9/1965 Seng  
RE25,914 E 11/1965 Richter  
3,226,153 A 12/1965 Haid  
3,700,277 A 10/1972 Montean, Jr.  
3,741,561 A 6/1973 Reidenbach  
3,921,320 A 11/1975 McWilliams  
3,962,015 A 6/1976 Heimann  
4,072,337 A 2/1978 Barker  
4,089,148 A 5/1978 Oehmsen et al.  
4,173,857 A 11/1979 Kosaka  
4,623,189 A 11/1986 Stead  
4,639,033 A 1/1987 Wheatley et al.  
4,660,882 A 4/1987 Hensiek  
4,854,633 A 8/1989 Kraft et al.  
4,887,406 A 12/1989 Saia  
4,902,065 A 2/1990 Thralls  
5,000,507 A 3/1991 Baxter  
5,423,587 A 6/1995 Ingram  
5,429,408 A 7/1995 Henning et al.  
5,443,295 A 8/1995 Moberly  
5,540,016 A 7/1996 Clausen  
5,655,347 A \* 8/1997 Mahieu ..... 52/639  
5,681,076 A 10/1997 Yoshii  
5,706,752 A 1/1998 Menne, Jr. et al.  
5,727,272 A \* 3/1998 Peter ..... 14/6

(Continued)

**OTHER PUBLICATIONS**

Photograph of Bowed Rafter for Royal Cargo Trailer, purportedly published Jul. 2006.

(Continued)

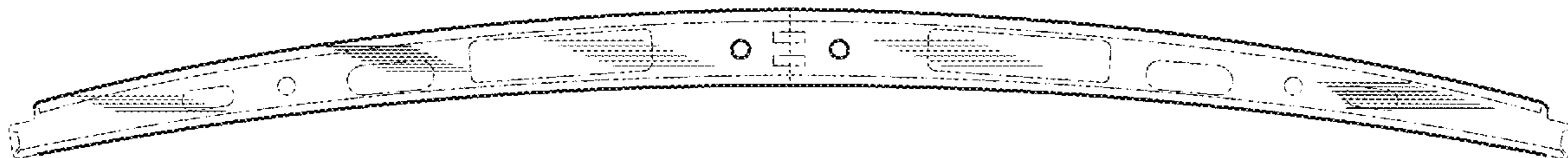
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(57) **CLAIM**  
The ornamental design for a roof bow, as shown and described.

**DESCRIPTION**

FIG. 1 is a front plan view of a roof bow showing my new design;  
FIG. 2 is an end view of a roof bow;  
FIG. 3 is a perspective view of a roof bow; and,  
FIG. 4 is a top view of a roof bow.  
In the drawings, the broken lines depict portions of the roof bow that form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



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## U.S. PATENT DOCUMENTS

5,769,486 A 6/1998 Novoa et al.  
5,860,547 A 1/1999 Cozzolino et al.  
6,073,993 A 6/2000 Iwatsuki et al.  
6,135,532 A 10/2000 Martin  
6,173,547 B1 1/2001 Lipson  
6,224,126 B1 5/2001 Martin et al.  
6,349,521 B1 2/2002 McKeon et al.  
6,360,491 B1 3/2002 Ullman  
6,494,525 B1 12/2002 Blank  
6,502,895 B2 1/2003 Taylor  
6,505,883 B1 1/2003 Ehrlich  
6,550,843 B2 4/2003 Patelczyk  
6,588,824 B2 7/2003 Neubrand  
D489,650 S 5/2004 Garceau  
6,842,920 B1 1/2005 Branch, III  
6,983,984 B2 1/2006 Garceau  
7,062,812 B1 6/2006 Morris  
7,134,711 B1 11/2006 Yoder  
7,171,788 B2 2/2007 Bronner  
7,210,727 B2 5/2007 Stephenson et al.  
7,261,366 B2 8/2007 Garceau  
D603,103 S 10/2009 Ferrara et al.

D608,261 S 1/2010 Furuhata et al.  
D633,421 S \* 3/2011 Peltola et al. .... D12/181  
8,042,863 B2 10/2011 Nydam  
8,065,762 B1 11/2011 Ewing  
2001/0042993 A1 11/2001 Patelczyk  
2002/0116892 A1 8/2002 Baranian  
2003/0188499 A1 10/2003 Bronner  
2006/0101717 A1\* 5/2006 Marocco ..... 49/74.1  
2006/0249977 A1 11/2006 Stephenson et al.  
2007/0063533 A1 3/2007 Zehnder et al.  
2007/0261319 A1 11/2007 Fitzpatrick  
2007/0261341 A1 11/2007 Lockwood et al.  
2008/0093031 A1 4/2008 Alberti  
2009/0206636 A1 8/2009 Nydam  
2010/0281632 A1 11/2010 Meheen  
2012/0091747 A1 4/2012 Garceau et al.

## OTHER PUBLICATIONS

Roof Bow-High Arch Drawing & Photographs, purportedly redrawn  
Sep. 12, 1988 (3 pages).

\* cited by examiner

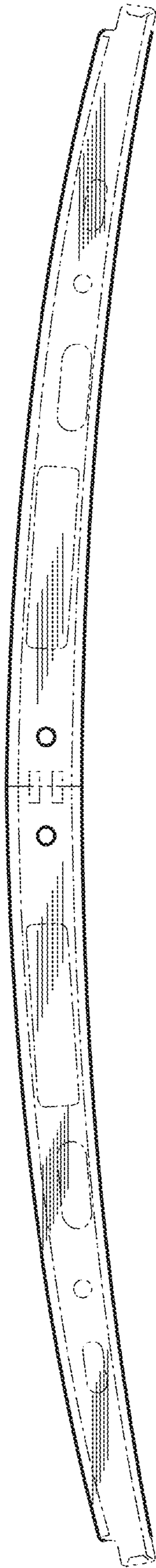


FIG. 1

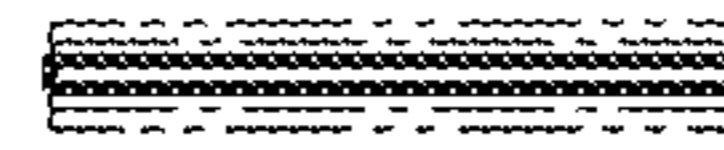


FIG. 2

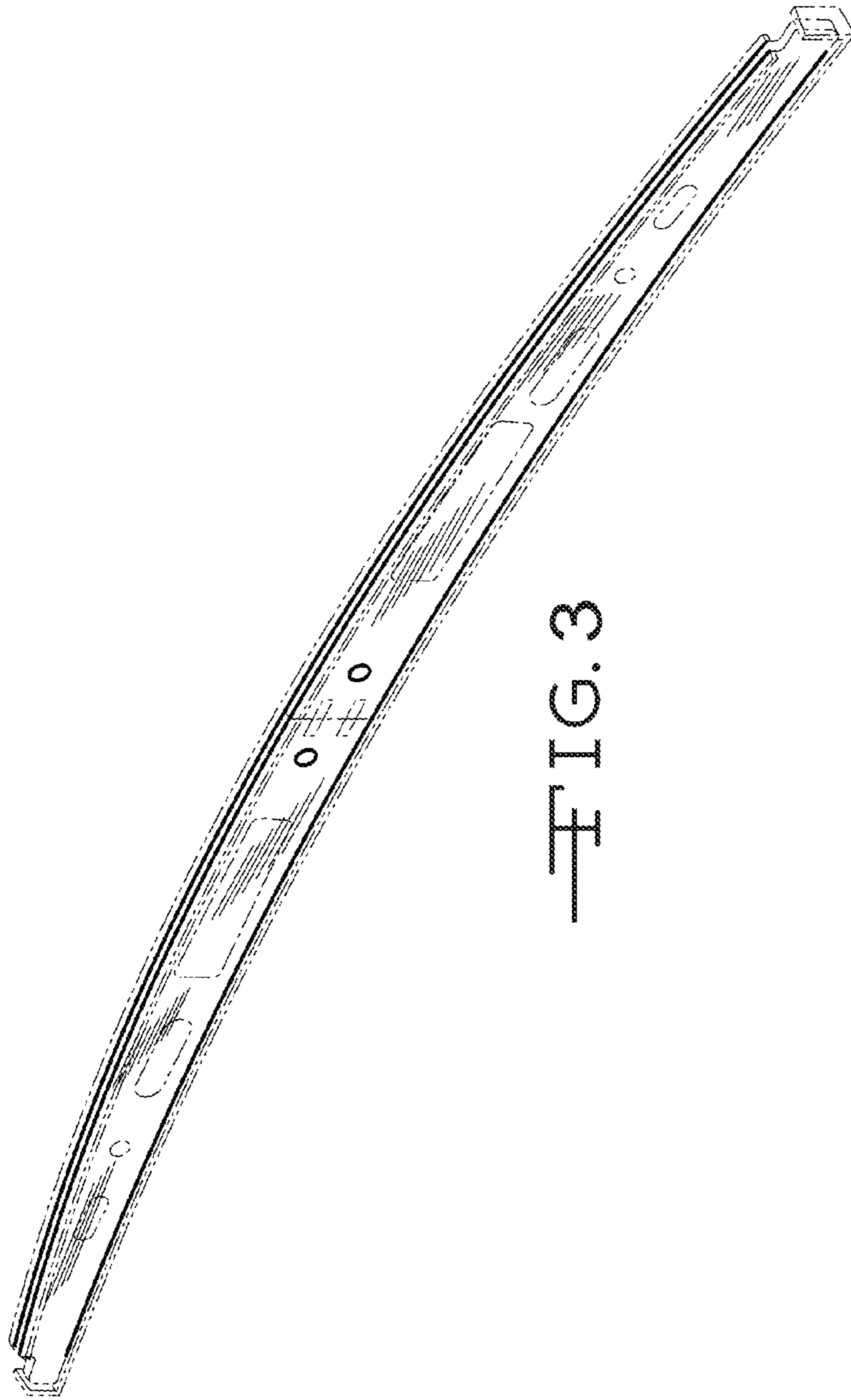


FIG. 3



FIG. 4