



US009140279B2

(12) **United States Patent**
Frias

(10) **Patent No.:** **US 9,140,279 B2**
(45) **Date of Patent:** **Sep. 22, 2015**

(54) **MAGNETIC MOUNT**

(56) **References Cited**

(71) Applicant: **Samuel Dale Frias**, Lake Elsinore, CA (US)

U.S. PATENT DOCUMENTS

(72) Inventor: **Samuel Dale Frias**, Lake Elsinore, CA (US)

346,452 A	8/1886	Baker	
876,912 A	1/1908	Pike	
1,295,868 A	3/1919	Dodds	
1,410,004 A	3/1922	Dodds	
1,811,736 A	6/1931	Bezel	
1,864,080 A	6/1932	Madge	
2,429,103 A	10/1947	Mitchell	
2,521,885 A *	9/1950	Vasquez	292/251.5
2,631,048 A	3/1953	Palmer	
2,880,830 A	4/1959	Rohe	
2,979,335 A *	4/1961	Pruitt	473/285
2,991,816 A	7/1961	Harbison	
3,009,746 A	11/1961	Haushalter	
3,058,765 A	10/1962	Thomas	
3,111,736 A *	11/1963	Budreck	24/303
3,177,916 A	4/1965	Rosan	
3,181,850 A	5/1965	Bajer	
3,245,165 A *	4/1966	Podoloff	40/591
3,258,285 A *	6/1966	Smith	292/251.5
3,262,480 A	7/1966	Storch	
3,265,107 A	8/1966	Glicksman	

(73) Assignee: **The Young Engineers, Inc.**, Lake Forest, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **13/626,262**

(22) Filed: **Sep. 25, 2012**

(65) **Prior Publication Data**

US 2014/0084119 A1 Mar. 27, 2014

(51) **Int. Cl.**

F16B 5/01 (2006.01)
F16B 5/02 (2006.01)
F16B 3/00 (2006.01)
F16B 11/00 (2006.01)
F16B 1/00 (2006.01)

(52) **U.S. Cl.**

CPC **F16B 5/01** (2013.01); **F16B 5/0208** (2013.01); **F16B 3/005** (2013.01); **F16B 11/006** (2013.01); **F16B 2001/0035** (2013.01); **Y10S 428/90** (2013.01); **Y10T 403/56** (2015.01)

(58) **Field of Classification Search**

CPC F16B 5/01
USPC 248/205.3, 205.4, 206.5, 309.4, 467, 248/537, 683; 24/303; 244/118.5, 118.1, 244/129.1, 131

See application file for complete search history.

(Continued)

FOREIGN PATENT DOCUMENTS

DE 1 500 949 1/1970
DE 10117562 A1 * 10/2002

(Continued)

OTHER PUBLICATIONS

Woodpeckers, Steel Cup Magnet, www.woodpeck.com/steelcupmagnet.html, Jul. 13, 2006.*

Primary Examiner — Jonathan Liu

Assistant Examiner — Chiedu Chibogu

(74) Attorney, Agent, or Firm — Joseph E. Mueth

(57) **ABSTRACT**

A panel insert comprising an external body having an open end, said body having a central bore, a magnet received in said bore and having a smooth surface facing said open end of the body, said magnet being affixed to said body.

2 Claims, 6 Drawing Sheets

