



US00D846375S

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

(10) **Patent No.:** **US D846,375 S**
(45) **Date of Patent:** **** Apr. 23, 2019**

(54) **GRIPPING ASSIST DEVICE**
(71) Applicant: **Constance Amarel**, Lompoc, CA (US)
(72) Inventor: **Constance Amarel**, Lompoc, CA (US)
(**) Term: **15 Years**
(21) Appl. No.: **29/581,942**
(22) Filed: **Oct. 24, 2016**
(51) **LOC (11) Cl.** **08-08**
(52) **U.S. Cl.**
USPC **D8/394**; D19/99
(58) **Field of Classification Search**
USPC D8/16, 394, 395; D9/434, 443;
D11/78.1; D17/20, 99; D19/32, 34, 65,
D19/86, 75, 77, 90, 91, 99, 100;
D24/133, 142; D21/385, 392-396
CPC G10D 3/16; G10D 3/00; G10D 3/103;
G10D 3/163; F16B 1/0014; F16B 5/06;
F16B 21/075; F16B 21/073; F16B
21/076; F16B 5/0614; Y10T 24/44026;
Y10T 24/44641; Y10T 24/309; Y10T
24/30; A45C 1/06
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
3,747,242 A 7/1973 Heimann
4,651,614 A * 3/1987 Cavallo G10D 3/163
84/322
5,253,562 A * 10/1993 Kline G10D 3/163
84/322
5,992,887 A * 11/1999 Maruchi B42D 9/005
24/67.9
D445,842 S * 7/2001 Scerri D21/392
6,342,661 B1 * 1/2002 Flamm G10D 3/163
84/320
6,484,365 B1 * 11/2002 Thompson B60J 3/0204
224/312

D492,351 S * 6/2004 Sato D19/34
D504,704 S * 5/2005 Hansen D19/99
D566,539 S * 4/2008 Hicks D8/395
D586,629 S * 2/2009 Reynolds D7/686
D652,907 S * 1/2012 Andrews D23/393
D689,949 S * 9/2013 Valls D20/43
D707,545 S * 6/2014 Schopf D8/394
D747,181 S * 1/2016 Hikoyama D8/394
D756,644 S * 5/2016 Murphy, Jr. D3/266
D763,066 S * 8/2016 Sugimoto D8/382
2010/0139138 A1 6/2010 Miadich
2011/0011906 A1* 1/2011 Musgrave A45F 5/02
224/269
2012/0248756 A1 10/2012 Still
2012/0266360 A1 10/2012 McElrath
2013/0049348 A1 2/2013 Lemna
2013/0170938 A1 7/2013 Lowden
2014/0034227 A1 2/2014 Segui

(Continued)

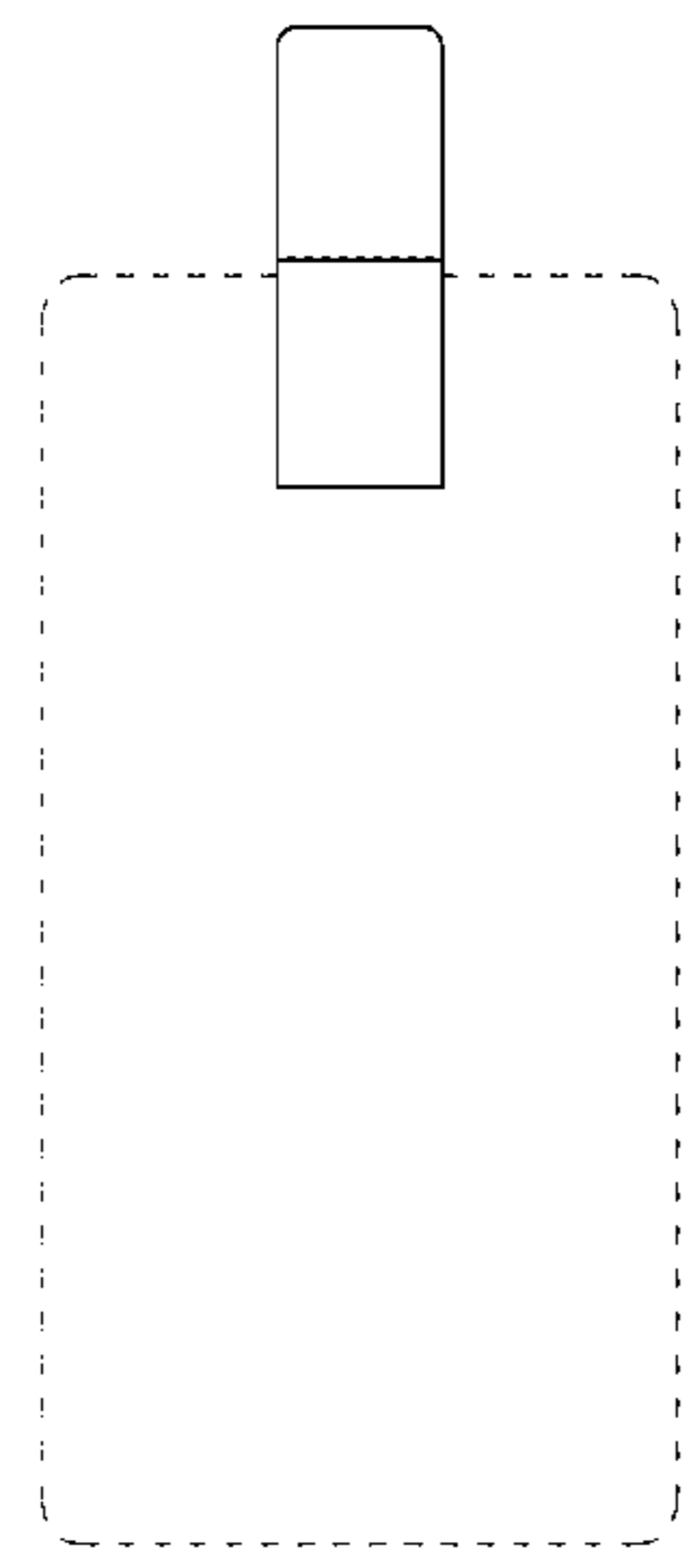
Primary Examiner — Daniel D Bui
Assistant Examiner — Andrew Kerr

(57) **CLAIM**
The ornamental design for a gripping assist device, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view showing the gripping assist device embodying the new design;
FIG. 2 is a magnified right side view thereof;
FIG. 3 is a magnified bottom plan view thereof; and,
FIG. 4 is a magnified top plan view thereof.
The rear elevation view is a mirror image of the front elevation view shown in FIG. 1. The magnified left side view of the design is a mirror image of the magnified right side view shown in FIG. 2.
The broken lines showing portions of the gripping assist device are for the purpose of illustrating environmental structure only and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2014/0345759 A1 11/2014 Salyer
2015/0050114 A1 2/2015 Conroy

* cited by examiner

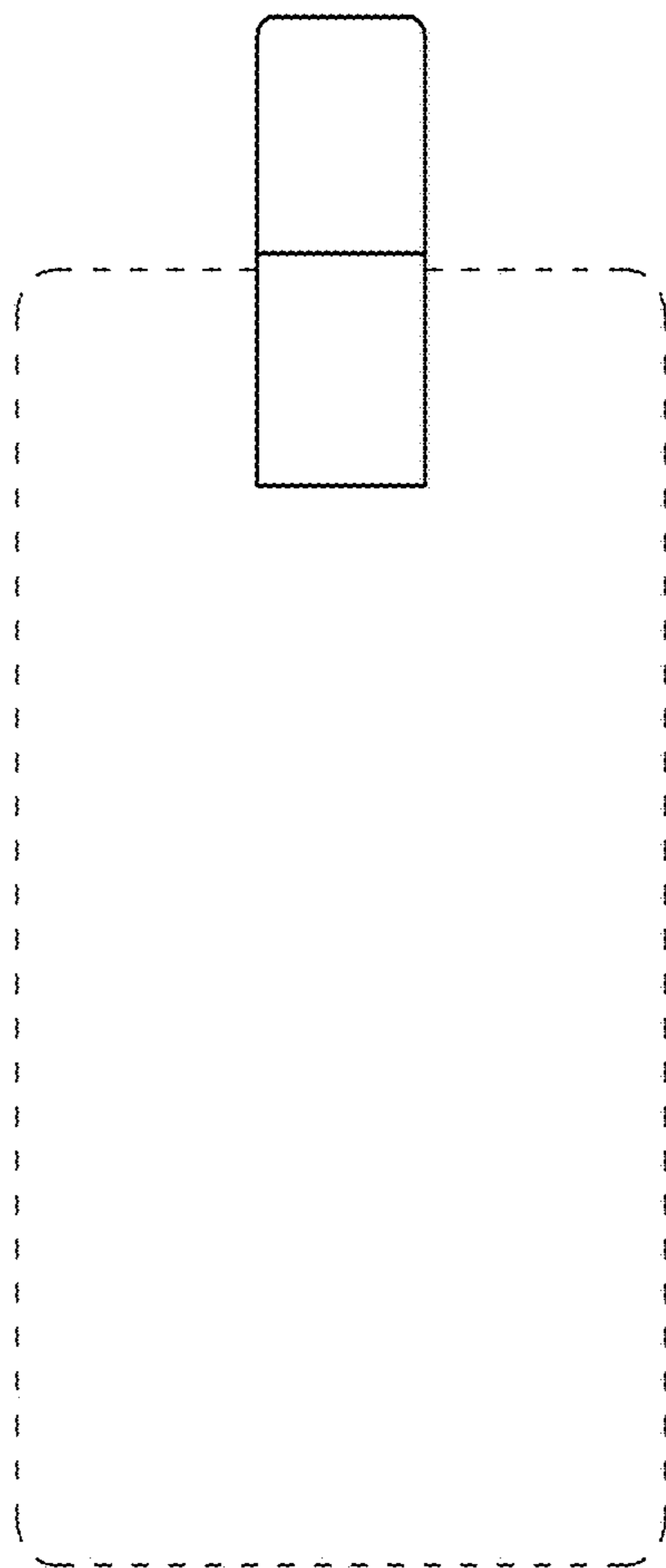


FIG. 1



FIG. 2



FIG. 3



FIG. 4