



US00D833643S

(12) **United States Design Patent** (10) **Patent No.:** **US D833,643 S**
Foley et al. (45) **Date of Patent:** **** Nov. 13, 2018**

(54) **INTEGRATED LADDER TRAY HOOK**

3,476,211 A 11/1969 Cormier
3,481,026 A 12/1969 Lindesmith et al.
3,692,143 A 9/1972 Kümmerlin et al.

(71) Applicant: **Tricam Industries, Inc.**, Eden Prairie,
MN (US)

(Continued)

(72) Inventors: **Joseph P. Foley**, St. Paul, MN (US);
Benjamin P. Williams, Chaska, MN
(US)

FOREIGN PATENT DOCUMENTS

DE 195 39 157 A1 4/1997
EP 0 324 885 7/1989
NL 1002235 C1 8/1997

(73) Assignee: **Tricam Industries, Inc.**, Eden Prairie,
MN (US)

OTHER PUBLICATIONS

Brochure, "Step Stools—Ladders 2001," Cosco, Inc. (2001), 12
pages.

(Continued)

(**) Term: **15 Years**

(21) Appl. No.: **29/609,951**

(22) Filed: **Jul. 7, 2017**

Primary Examiner — Cynthia Ramirez

Assistant Examiner — Gino Colan

(51) **LOC (11) Cl.** **25-04**

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

(74) *Attorney, Agent, or Firm* — Patterson Thuen-
Pedersen, P.A.

USPC **D25/68**

(58) **Field of Classification Search**

(57)

CLAIM

USPC D25/62–65, 68, 69; 182/107, 120, 129,
182/108, 173, 214, 230; 248/211, 225.21
CPC E06C 7/14; E06C 7/48; E06C 7/46; E06C
1/397; E06C 7/188; E06C 7/00; E06C
7/182

We claim the ornamental design for an integrated ladder tray
hook, as shown and described.

DESCRIPTION

See application file for complete search history.

FIG. 1 is a perspective view of an integrated ladder tray hook
according to the invention.

FIG. 2 is a top view of the integrated ladder tray hook
according to the invention.

FIG. 3 is a front view of the integrated ladder tray hook
according to the invention.

FIG. 4 is a bottom view of the integrated ladder tray hook
according to the invention.

FIG. 5 is a left side view of the integrated ladder tray hook
according to the invention; and,

FIG. 6 is a right side view of the integrated ladder tray hook
according to the invention.

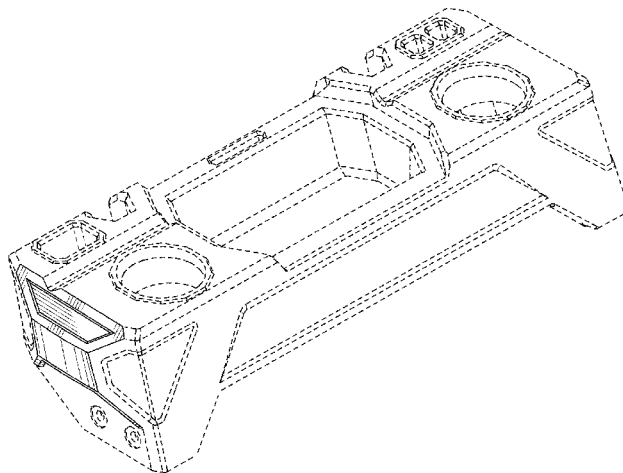
The broken lines shown in the drawings are for the purpose
of illustrating environment and form no part of the claimed
design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

317,024 A 5/1885 Schumann
445,453 A 1/1891 Nowland
453,193 A 6/1891 Kinser
1,942,210 A 1/1934 Harting
1,973,774 A 9/1934 Pflugradt
2,144,440 A 1/1939 Gaffers
2,186,119 A 1/1940 Moen
2,650,014 A 8/1953 Harrison
3,002,582 A 10/1961 Marcellis
3,318,413 A 5/1967 Werner et al.
3,327,385 A 6/1967 Shaver

1 Claim, 3 Drawing Sheets

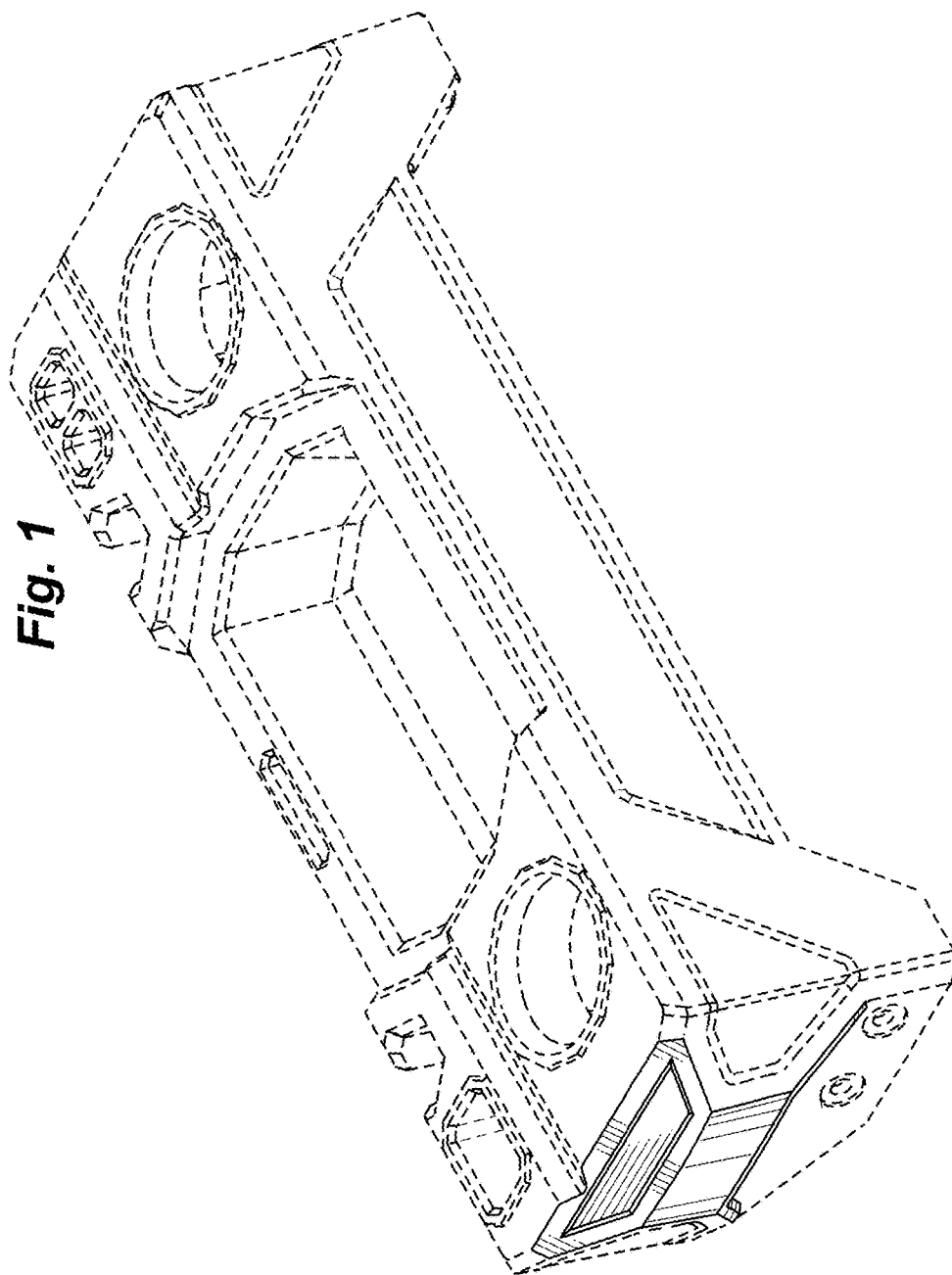


(56)	References Cited			6,401,862 B1 *	6/2002	Caron	E06C 7/14 182/120
	U.S. PATENT DOCUMENTS			6,502,664 B1 *	1/2003	Peaker, Sr.	E06C 7/14 182/129
3,811,151 A	5/1974	Kuemmerlin	6,533,882 B1	3/2003	Woodside		
3,849,834 A	11/1974	Mayer	D484,251 S *	12/2003	Pruett	D25/68	
4,027,741 A	6/1977	Derrick	6,857,503 B2	2/2005	Simpson et al.		
4,031,981 A	6/1977	Spencer	6,866,117 B2	3/2005	Moss		
4,060,150 A	11/1977	Hughes	7,047,597 B2	5/2006	Lee		
4,061,203 A	12/1977	Spencer et al.	7,063,187 B1 *	6/2006	Lavigne	E06C 1/39 182/129	
D248,777 S	8/1978	Spencer et al.					
RE30,020 E	6/1979	Spencer et al.	7,108,103 B2	9/2006	Meeker		
4,182,431 A	1/1980	Wing	D554,771 S	11/2007	Skubic et al.		
4,210,224 A	7/1980	Kummerlin et al.	7,364,017 B2	4/2008	Moss et al.		
4,216,844 A	8/1980	Klafs	7,861,826 B2	1/2011	Meyers et al.		
4,298,093 A	11/1981	Wing	D710,031 S	7/2014	Simpson et al.		
4,371,055 A	2/1983	Ashton et al.	8,919,497 B2	12/2014	Rund		
4,376,470 A	3/1983	Ashton	8,997,931 B2	4/2015	Parker et al.		
4,407,045 A	10/1983	Boothe	D735,354 S *	7/2015	Fadear	D25/68	
4,469,193 A	9/1984	Rumsey, Jr.	9,359,819 B1 *	6/2016	Valadez	E06C 7/14	
4,470,045 A	9/1984	Anderson	9,404,305 B1	8/2016	Messick		
4,474,264 A	10/1984	Krause	9,416,591 B2	8/2016	Kieffer et al.		
4,483,415 A	11/1984	Disston et al.	9,580,959 B2	2/2017	Kieffer et al.		
4,502,566 A	3/1985	Wing	2002/0017431 A1	2/2002	Gibson et al.		
4,540,306 A	9/1985	Wang	2002/0166727 A1	11/2002	Cramer et al.		
4,566,150 A	1/1986	Boothe	2003/0188923 A1	10/2003	Moss		
4,597,687 A	7/1986	Colas	2004/0000449 A1	1/2004	Meeker		
4,602,889 A	7/1986	Mu-Shan	2004/0007424 A1	1/2004	Simpson		
4,656,721 A	4/1987	Werner	2004/0108164 A1 *	6/2004	Pruett	E06C 7/14 182/129	
4,666,327 A	5/1987	Su					
4,666,328 A	5/1987	Ryu	2007/0181369 A1	8/2007	Gibson et al.		
4,697,305 A	10/1987	Boothe	2011/0024234 A1	2/2011	Lin		
4,698,896 A	10/1987	Osterwald et al.	2011/0272923 A1	11/2011	Chen		
4,770,559 A	9/1988	Yoo	2012/0181109 A1	7/2012	Rund		
4,774,503 A	9/1988	Bussard	2014/0224585 A1	8/2014	Russell et al.		
4,824,278 A	4/1989	Chang	2015/0159434 A1	6/2015	Leng		
4,859,109 A	8/1989	Targetti	2015/0233181 A1	8/2015	Walsh		
4,890,950 A	1/1990	Yoo					
D309,502 S	7/1990	Wing et al.					
4,947,959 A	8/1990	Yuen					
4,951,780 A	8/1990	Kim					
4,967,879 A	11/1990	Klafs et al.					
4,974,701 A	12/1990	Parise					
5,002,153 A	3/1991	Yuen					
5,026,198 A	6/1991	Lin					
5,074,377 A	12/1991	Krause					
5,163,532 A	11/1992	McCarty					
5,228,535 A	7/1993	McCarty					
5,279,387 A	1/1994	Swiderski et al.					
5,353,892 A	10/1994	Lu					
5,359,812 A	11/1994	Mayfield					
5,366,051 A	11/1994	Bartnicki et al.					
5,419,084 A	5/1995	Sankey et al.					
5,487,207 A	1/1996	Rey					
5,515,942 A	5/1996	Woodfield					
5,620,272 A	4/1997	Sheng					
5,775,460 A	7/1998	Stone					
5,954,157 A	9/1999	Grimes et al.					
5,966,777 A	10/1999	Jantschek					
5,992,566 A	11/1999	Yeh					
6,032,759 A	3/2000	Yeh					
6,141,909 A	11/2000	Hanson					
6,220,389 B1	4/2001	Krause					
6,269,909 B1	8/2001	Grimes et al.					
6,298,605 B1	10/2001	Delefosse et al.					
6,343,406 B1	2/2002	Yeh					
6,347,687 B1	2/2002	Alim					
6,390,238 B1	5/2002	Gibson et al.					

OTHER PUBLICATIONS

Brochure re: The Little Giant, prior to Mar. 2017, 2 pages.
 Brochure, "Ladders," Tricam Industries, prior to Mar. 2017, pp. 1-4.
 Fact Sheet, "Prostep Multi-Folding Ladder, Type I," Tricam Industries, No. 001-1 (Mar. 94), 2 pages.
 Brochure, "Jaws/Climbing systems for professionals and do-it-yourselfers," Featherlite Industries (1996).
 Spec sheet, "Fiberglass VersaLadder™", Versa Products Inc., prior to Mar. 2017.
 Brochure, "VersaLadder™, The Original, Amazing, Multi-purpose, Heavy-duty, Folding Ladder!" Versa Products Inc., prior to Mar. 2017.
 Brochure, "VersaLadder™" (Jun. 1993).
 Brochure, "Unless your ladder looks like this . . . and does this . . ." Wing Enterprises, Inc., prior to Mar. 2017.
 Operating and Safety Instructions, "Little Giant Ladder Systems, Type IA," Wing Enterprises, Inc. (Aug. 1990), 30 pages.
 Brochure, "Ladders," Keller Ladders, Inc. (1999), 4 pages.
 Keller™ 2000/2001 Product Catalog, p. 8 (2000).
 Brochure, Krause (1997), 6 pages.
 Brochure, "The Little Giant Ladder System® Fiberglass," Wing Enterprises, prior to Mar. 2017.
 Brochure, "Columbia & Blue Ribbon 1999 Ladders," Columbia Ladders/Blue Ribbon Ladders (1999), 4 pages.

* cited by examiner



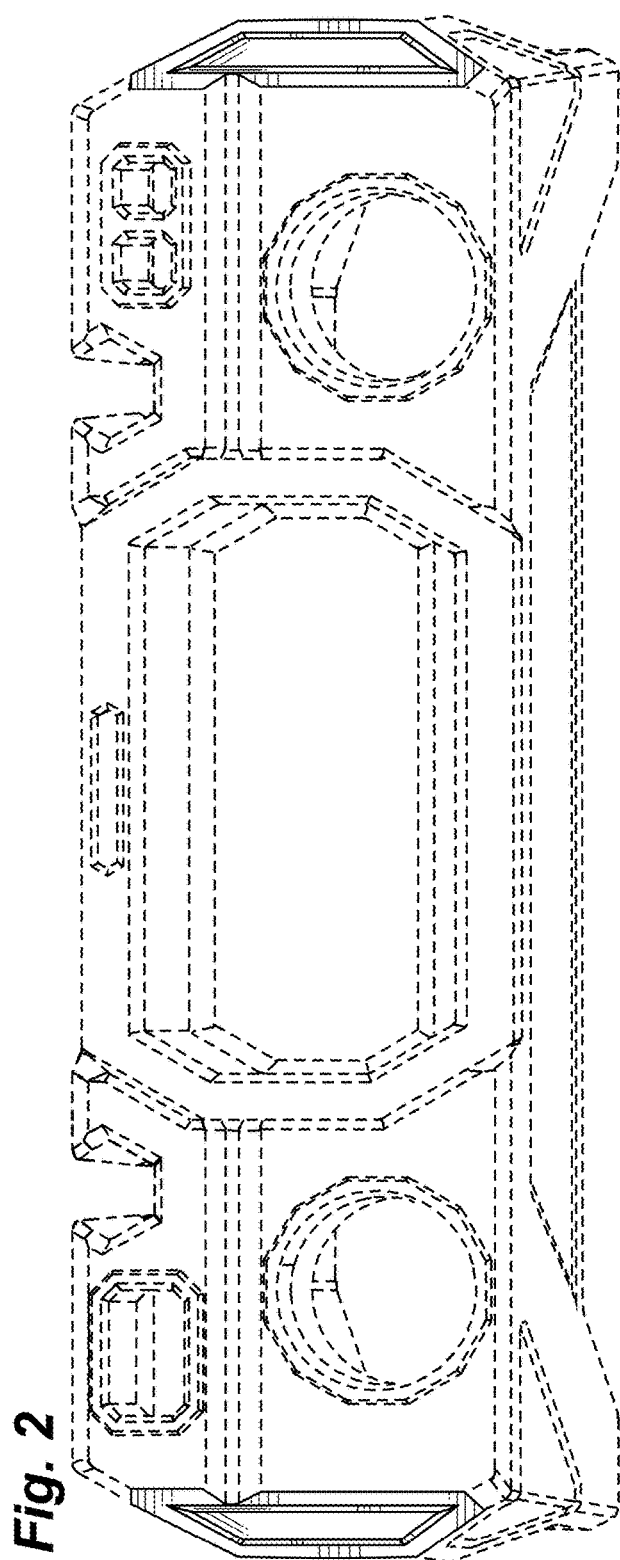
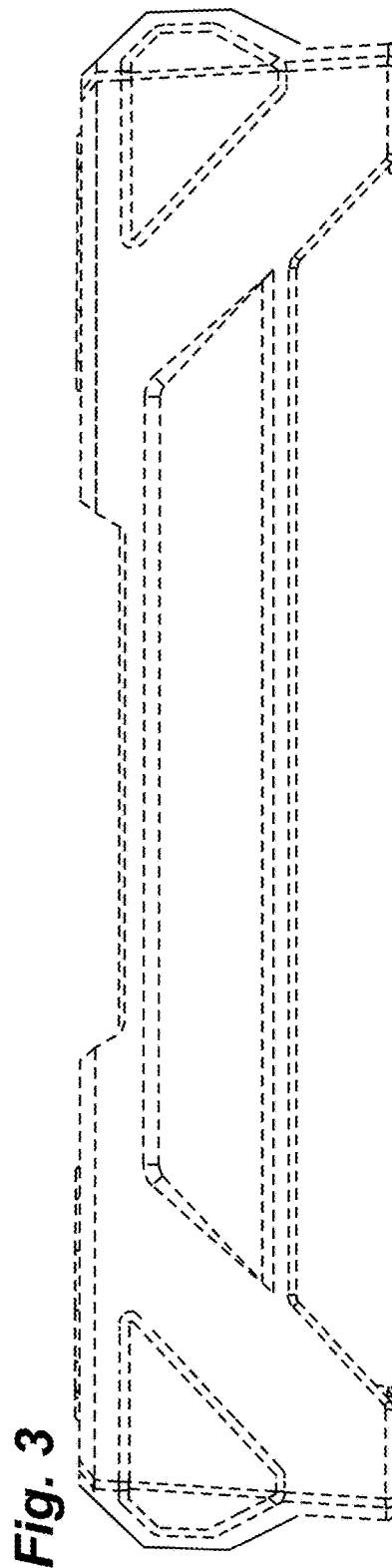


Fig. 4

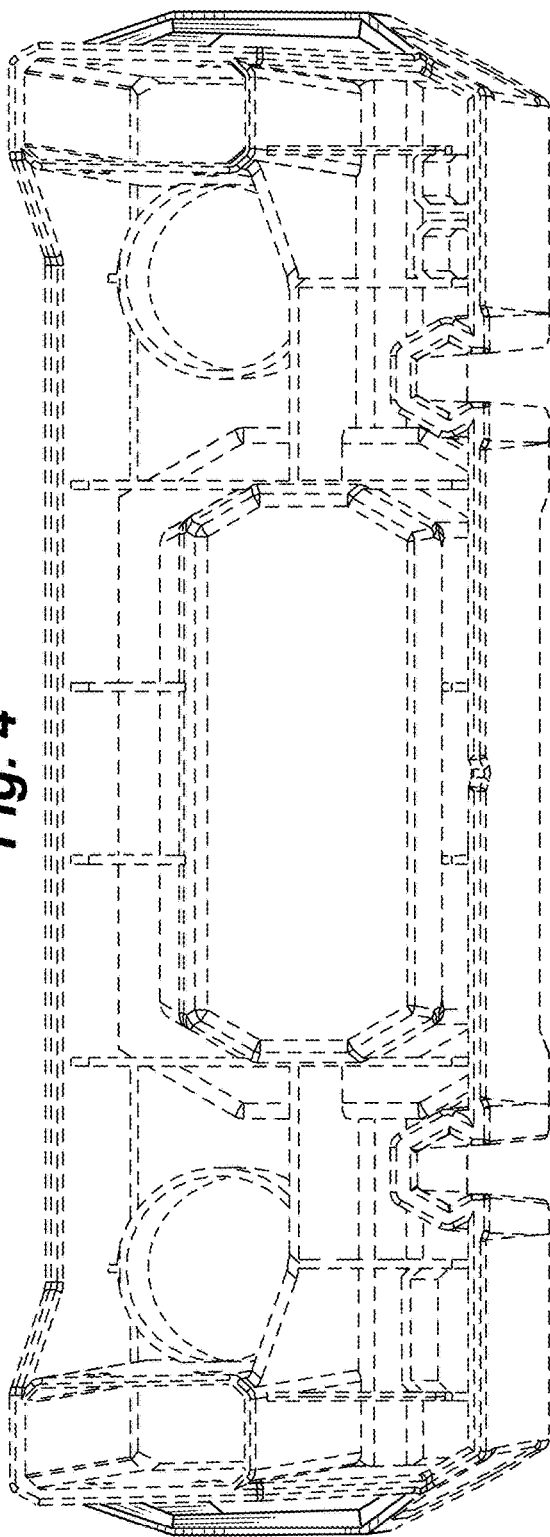


Fig. 6

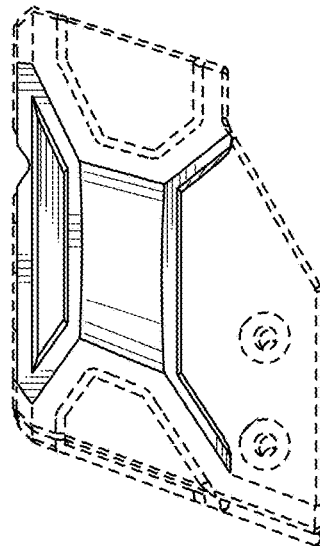


Fig. 5

