



US00D846037S

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

(10) **Patent No.:** **US D846,037 S**

(45) **Date of Patent:** **** *Apr. 16, 2019**

(54) **MECHANICAL CONNECTION UNIT**

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

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

(21) Appl. No.: **29/562,151**

(22) Filed: **Apr. 22, 2016**

(51) **LOC (11) Cl.** **21-01**

(52) **U.S. Cl.**
USPC **D21/504**

(58) **Field of Classification Search**
USPC D21/333, 373, 386, 389, 404, 468, 470, D21/471, 475, 478, 479, 484-505; 446/69, 85, 102-128; D3/304, 314; D24/101; D25/113, 118
CPC A63H 33/04; A63H 33/06; A63H 33/062; A63H 33/08; A63H 33/084; A63H 33/088; A63F 9/0826; A63F 9/0842; A63F 9/0846; A63F 2003/00813
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,621,178	A *	3/1927	Strub	.....	A63H 33/04 446/85
2,216,915	A *	10/1940	Johnson	.....	A63F 9/12 273/157 R
4,121,831	A *	10/1978	Greene	.....	A63F 9/12 273/160
4,133,538	A *	1/1979	Ambrose	.....	A63F 3/00 273/157 R
4,197,669	A *	4/1980	Hynes	.....	A63H 33/084 446/125
4,310,994	A *	1/1982	Gephardt	.....	E04B 2/12 52/608

4,317,654	A *	3/1982	Wahl	.....	G09B 23/04 434/211
4,323,244	A *	4/1982	Busing	.....	A63F 9/12 156/73.1
4,323,245	A *	4/1982	Beaman	.....	A63F 9/1288 273/157
4,522,404	A *	6/1985	Di Gregorio	.....	A63H 33/04 273/157 R
4,676,507	A *	6/1987	Patterson	.....	A63F 9/12 273/160
4,753,622	A *	6/1988	Nakama	.....	E04B 2/12 446/85
D304,215	S *	10/1989	Knudsen	.....	D21/504
D313,437	S *	1/1991	Andersen	.....	D21/495
5,169,352	A *	12/1992	Petersen	A63H 33/04 446/117
D335,156	S *	4/1993	Knudsen	D21/504

(Continued)

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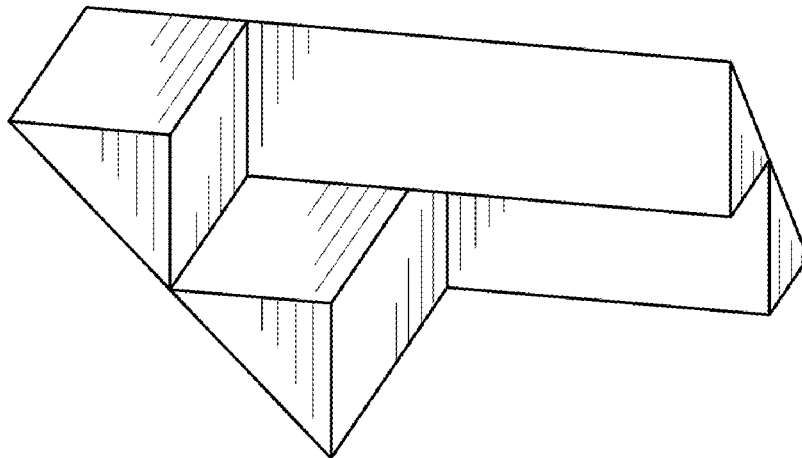
(57) **CLAIM**

The ornamental design for a mechanical connection unit, as shown and described.

DESCRIPTION

FIG. 1 is a top right perspective view of a mechanical connection unit according to my design; FIG. 2 is an upper front perspective view thereof; FIG. 3 is an upper right perspective view thereof; FIG. 4 is a left top perspective view thereof; FIG. 5 is an upper left perspective view thereof; FIG. 6 is an upper rear perspective view thereof; FIG. 7 is a top plan view thereof; FIG. 8 is a front elevation view thereof; FIG. 9 is a right elevation view thereof; FIG. 10 is a bottom plan view thereof; FIG. 11 is a left elevation view thereof; and, FIG. 12 is a rear elevation view thereof.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D335,162 S * 4/1993 Knudsen D21/505
5,221,223 A * 6/1993 Kao A63H 33/06
446/124
6,186,856 B1 * 2/2001 Chen A63H 33/04
446/117
7,063,587 B1 * 6/2006 Lin A63H 33/086
273/156
D641,053 S * 7/2011 Sidenius D21/494
D641,055 S * 7/2011 Andersen D21/484
D739,896 S * 9/2015 Peker D21/479
D784,709 S * 4/2017 Katav D11/131
9,662,593 B2 * 5/2017 Eisenberg A63H 33/06
9,737,826 B2 * 8/2017 Cheng A63H 33/086

* cited by examiner

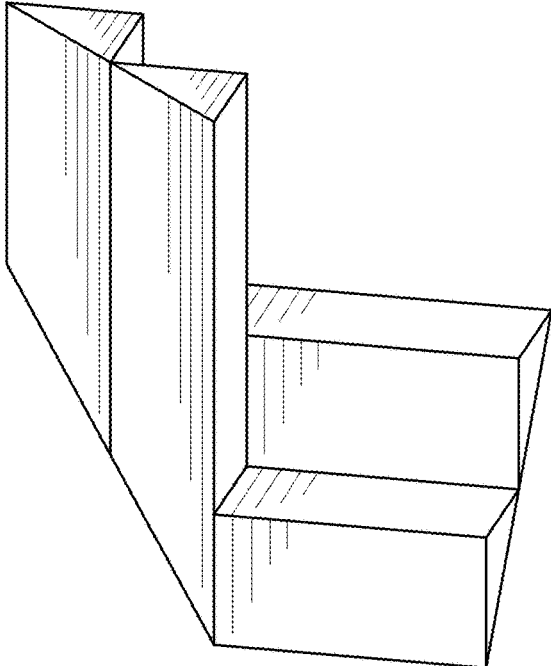


Fig. 1

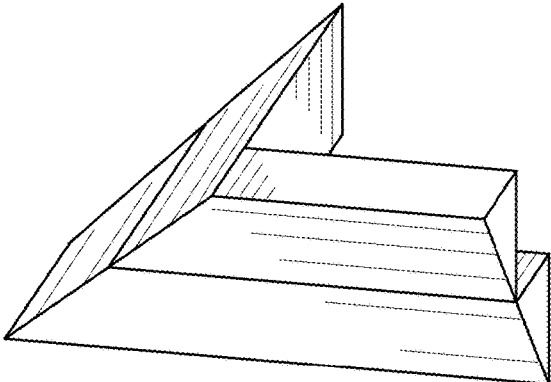


Fig. 2

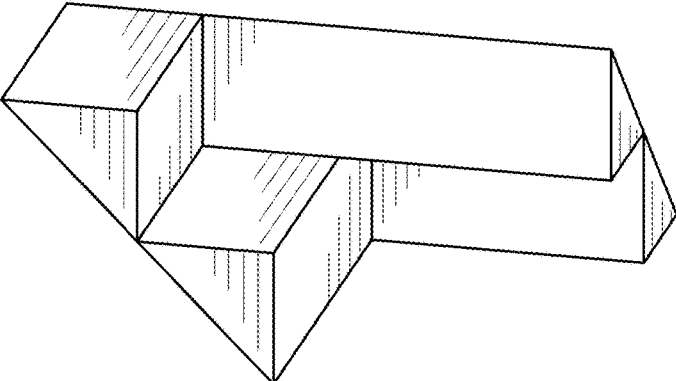


Fig. 3

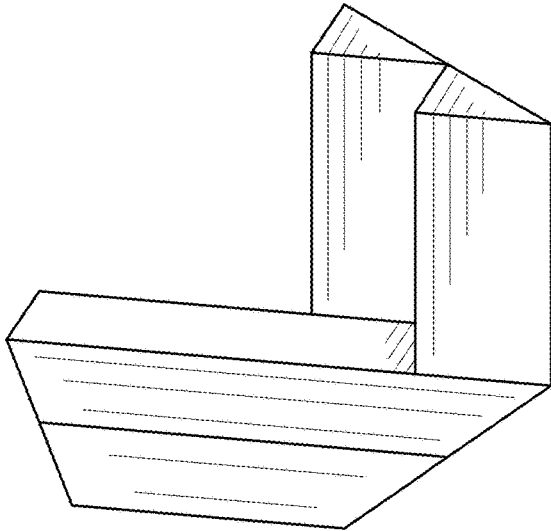


Fig. 4

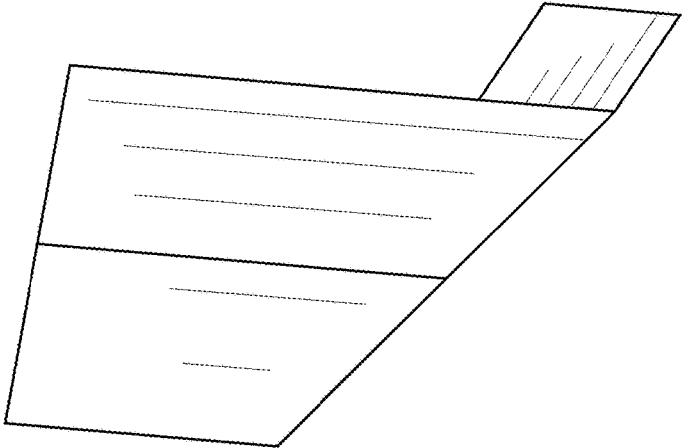


Fig. 5

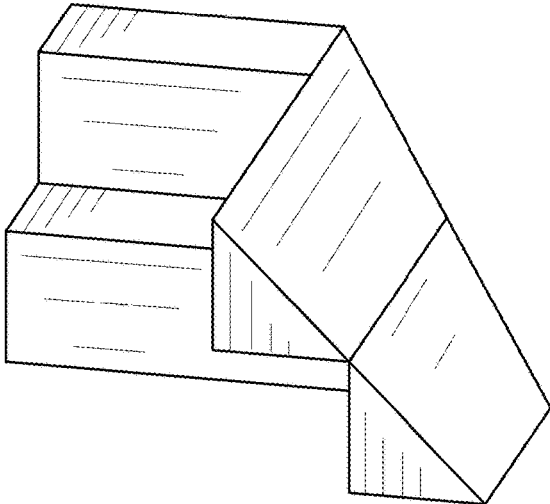


Fig. 6

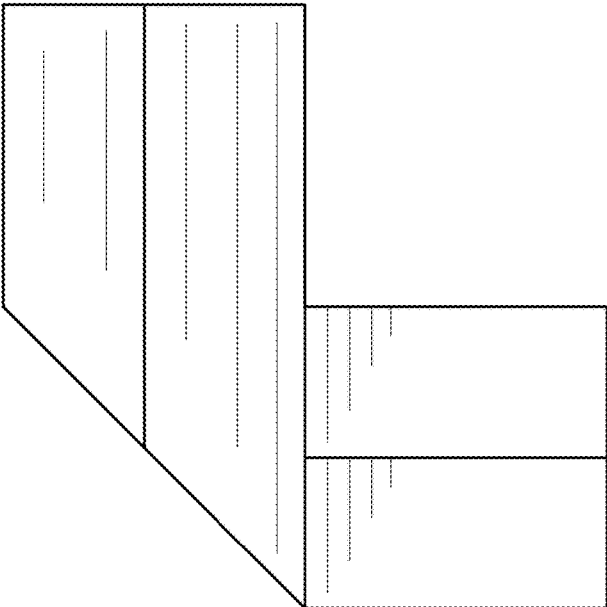


Fig. 7

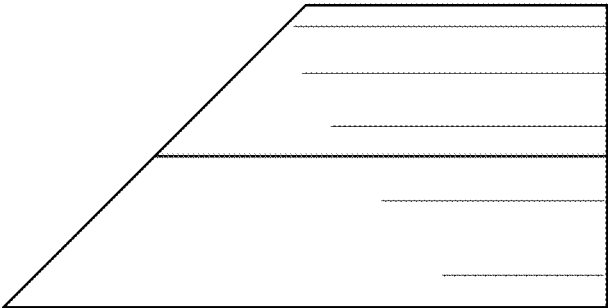


Fig. 8

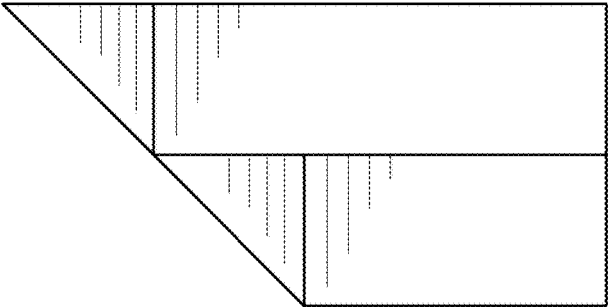


Fig. 9

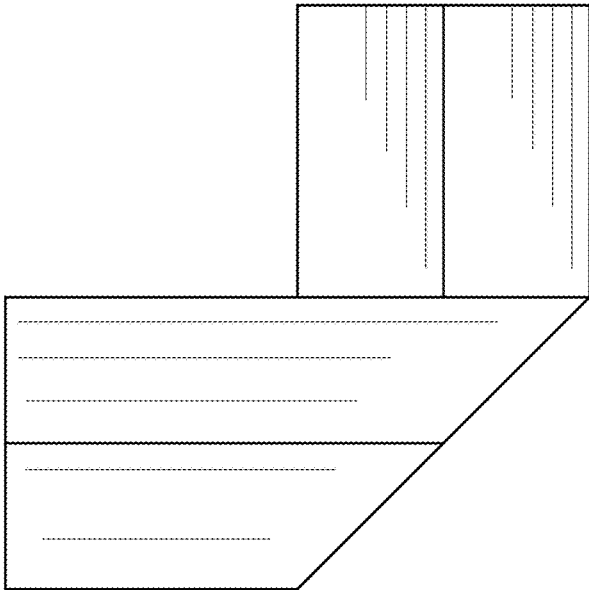


Fig. 10

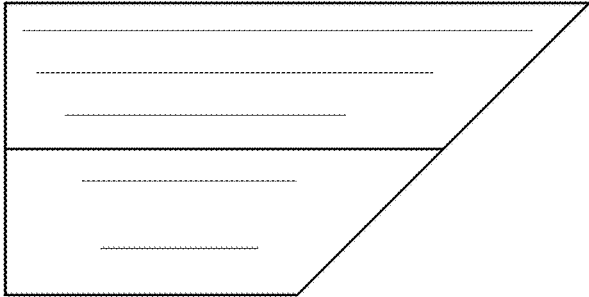


Fig. 11

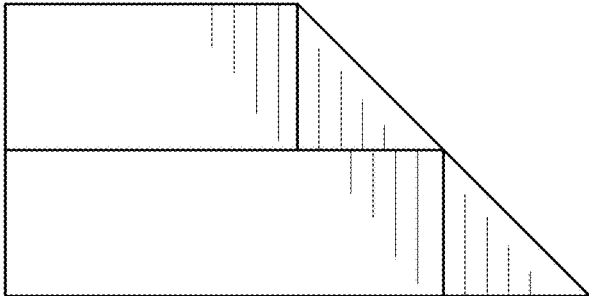


Fig. 12