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(12) **United States Design Patent** (10) Patent No.: **US D792,757 S**  
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(54) **DECK BOARD FASTENER**

- (71) Applicant: **SIMPSON STRONG-TIE COMPANY INC.**, Pleasanton, CA (US)
- (72) Inventors: **Gueary Andrew Brigham**, Hendersonville, TN (US); **Jeremy Scott Park**, Bethpage, TN (US)

- (73) Assignee: **SIMPSON STRONG-TIE COMPANY INC.**, Pleasanton, CA (US)

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(52) U.S. Cl.

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(58) **Field of Classification Search**

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D8/394, 499  
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See application file for complete search history.

(56) **References Cited**

## U.S. PATENT DOCUMENTS

186,463 A	1/1877	Dickenson
466,995 A	1/1892	Abramson
651,884 A	6/1900	Platz
695,722 A	3/1902	Heilmann
1,184,080 A	5/1916	DiArcy

1,241,885 A	10/1917	Roeder
1,714,738 A	5/1929	Elmendorf
1,723,306 A	8/1929	Sipe
1,990,001 A	2/1935	Rutten
2,201,129 A	5/1940	Weiland
2,332,081 A	10/1943	Hunt et al.
2,337,156 A	12/1943	Elmendorf

(Continued)

## FOREIGN PATENT DOCUMENTS

CA	2287104 A1	1/2001
CH	278212	10/1951

(Continued)

Primary Examiner — Sandra Snapp

Assistant Examiner — Ieisha Price

(74) Attorney, Agent, or Firm — Shartsis Friese LLP;  
Cecily Anne O'Regan

(57) **CLAIM**

The ornamental design for a deck board fastener, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a deck board fastener without the clip engaged;

FIG. 2 is a top perspective view of a deck board fastener with the clip engaged;

FIG. 3 is a bottom perspective view of a deck board fastener of FIG. 2;

FIG. 4 is a top plan view of a deck board fastener deck bed fastener of FIG. 2;

FIG. 5 is a bottom plan view of a deck board fastener of FIG. 2;

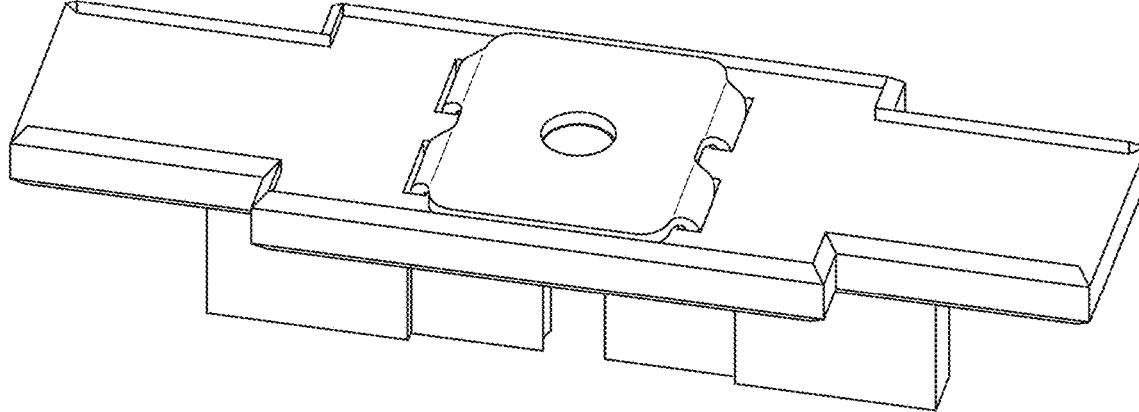
FIG. 6 is a left side view of a deck board fastener of FIG. 2;

FIG. 7 is a right side view of a deck board fastener of FIG. 2;

FIG. 8 is a front view of a deck board fastener of FIG. 2; and,

FIG. 9 is a back view of a deck board fastener of FIG. 2.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited****U.S. PATENT DOCUMENTS**

2,362,252 A	11/1944	Ellinwood	6,298,533 B1	10/2001	Nishimura et al.
2,398,603 A	4/1946	Soderberg	6,314,699 B1	11/2001	West
2,406,387 A	8/1946	Lank	D451,785 S	12/2001	Chaney et al.
2,526,116 A	10/1950	Browne	6,363,677 B1	4/2002	Chen et al.
3,045,294 A	7/1962	Livezey, Jr.	6,367,224 B1	4/2002	Leek
3,152,628 A	10/1964	Strain et al.	6,402,415 B1	6/2002	Eberle, III
3,293,106 A	12/1966	Cocco et al.	D461,116 S	8/2002	Aoki
3,319,983 A	5/1967	Jules	6,440,525 B1	8/2002	Kessler et al.
3,458,618 A	7/1969	Burns et al.	D462,255 S	9/2002	Aoki
3,619,963 A	11/1971	Omholt	D464,873 S	10/2002	Nemoto
3,705,002 A	12/1972	Varlonga	6,460,306 B1	10/2002	Nelson
3,845,860 A	11/1974	Ladouceur et al.	6,470,641 B1	10/2002	Faure
3,890,753 A	6/1975	Johansen	6,471,434 B2	10/2002	Chin et al.
3,899,116 A	8/1975	Mims	6,484,467 B2	11/2002	Crout
3,973,151 A	8/1976	Bowcott	D470,039 S	2/2003	Pelc
4,033,083 A	7/1977	Fritz et al.	6,651,398 B2	11/2003	Gregori
4,075,924 A	2/1978	McSherry et al.	6,651,400 B1	11/2003	Murphy
4,106,962 A	8/1978	Adams et al.	6,652,208 B2	11/2003	Gillis
4,124,050 A	11/1978	Ackerman	D484,779 S	1/2004	Shibuya
4,154,172 A	5/1979	Curtis	D485,160 S	1/2004	Pelc
D253,865 S	1/1980	Hagglund	6,711,864 B2	3/2004	Erwin
4,181,061 A	1/1980	McSherry	D488,373 S	4/2004	Eberle
D270,516 S	9/1983	Achille	6,810,633 B2	11/2004	Harris
D272,043 S	1/1984	Cowdroy	6,851,884 B2	2/2005	Eberle
4,449,346 A	5/1984	Tremblay	6,871,467 B2	3/2005	Hafner
4,454,699 A	6/1984	Strobl	D504,609 S	5/2005	Ferguson
4,497,148 A	2/1985	Lopez	D515,910 S	2/2006	Gates et al.
4,527,375 A	7/1985	Braginetz	6,997,659 B2	2/2006	Vrana et al.
4,599,841 A	7/1986	Haid	7,052,200 B2	5/2006	Harris
4,641,988 A	2/1987	Ganner	D547,168 S	7/2007	Churchill
D291,057 S	7/1987	Shiraishi	D547,169 S	7/2007	Harris
4,682,458 A	7/1987	Sparrow	D554,976 S	11/2007	Hutter, III
4,704,057 A	11/1987	McSherry	D556,017 S	11/2007	Gembala et al.
4,716,704 A	1/1988	Murr	D562,122 S	2/2008	Leman et al.
4,736,507 A	4/1988	Berecz et al.	7,299,598 B2	11/2007	Pacione
D295,496 S	5/1988	Burke et al.	7,383,663 B2	6/2008	Eberle, III
4,925,141 A	5/1990	Classen	D573,454 S	7/2008	Martel et al.
5,004,027 A	4/1991	Legler et al.	7,398,623 B2	7/2008	Grohman
5,056,286 A	10/1991	Bokor	7,409,803 B2	8/2008	Ladouceur et al.
5,071,280 A	12/1991	Turner	7,427,180 B2	9/2008	Hotchkiss, III
5,160,211 A	11/1992	Gilb	D589,334 S	3/2009	Kosidlo et al.
D331,470 S	12/1992	Mitchell et al.	7,496,993 B2	3/2009	Aichmann
5,182,891 A	2/1993	Slocum	D591,055 B2	10/2009	Hafner
5,243,804 A	9/1993	Therrien et al.	7,516,586 B2	4/2009	Riccitelli
5,245,808 A	9/1993	Grunewald et al.	7,578,105 B2	8/2009	Eberle
5,250,058 A	10/1993	Miller et al.	D600,105 S	9/2009	Harris
5,251,996 A	10/1993	Hiller et al.	D601,881 S	10/2009	Heindl
5,351,392 A	10/1994	Wing et al.	7,600,353 B2	10/2009	Tezak et al.
5,359,954 A	11/1994	Kordelin	7,603,814 B1	10/2009	Hartmann et al.
D354,432 S	1/1995	Starman	D604,599 S	11/2009	Prichard, Jr. et al.
5,377,732 A	1/1995	Fujii et al.	D610,440 S	2/2010	Prichard, Jr. et al.
5,394,667 A	3/1995	Nystrom	7,615,847 S	5/2010	Tezak et al.
5,419,649 A	5/1995	Gilb	D621,245 S	8/2010	Heindl
5,458,433 A	10/1995	Stastny	D621,246 S	8/2010	Heindl
5,480,117 A	1/1996	Fleming	D622,131 S	8/2010	Tezak et al.
5,499,440 A	3/1996	Satoh et al.	D622,579 S	8/2010	Heindl
5,529,428 A	6/1996	Bischof	7,805,902 B2	10/2010	Martel
5,564,248 A	10/1996	Callies	7,874,113 B2	1/2011	Eberle
5,603,580 A	2/1997	Leek et al.	7,984,599 B2	7/2011	Snell et al.
5,619,834 A	4/1997	Chen	8,011,153 B2	9/2011	Orchard
D380,667 S	7/1997	Kanamori et al.	8,066,464 B1	11/2011	Van Dyke
D382,466 S	8/1997	Hirose	D658,044 S	4/2012	Cheng
5,660,016 A	8/1997	Erwin et al.	8,161,702 B2	4/2012	Eberle
5,704,181 A	1/1998	Fisher et al.	8,191,327 B2	6/2012	Griffiths et al.
D392,877 S	3/1998	Eguchi	D664,836 S	8/2012	Kikuchi
5,730,544 A	3/1998	Dils et al.	D665,657 S	8/2012	Pelc
5,743,672 A	4/1998	Cline	8,256,614 B1	9/2012	Wadsworth
5,746,535 A	5/1998	Kohler	8,287,206 B2	10/2012	Eberle
D396,406 S	7/1998	Eguchi	8,291,666 B1	10/2012	Garrison
D410,194 S	5/1999	Hilton et al.	D671,394 S	11/2012	Derry
D413,508 S	9/1999	Shibao	8,393,125 B2	3/2013	Martel
6,012,256 A	1/2000	Aschheim	8,464,488 B2	6/2013	Pelc
6,032,431 A	3/2000	Sugiyama	8,544,229 B2	10/2013	Kilgore et al.
D427,050 S	6/2000	Bryan	8,555,570 B2	10/2013	Martel
D435,433 S	12/2000	Miller et al.	8,615,958 B2	12/2013	Kilgore et al.
			D697,390 S	1/2014	Petry
			8,672,600 B2	3/2014	Reznar et al.

(56)	References Cited						
U.S. PATENT DOCUMENTS							
D708,936 S	7/2014	Bridgewater et al.	2014/0058958 A1	2/2014	Billings		
8,806,829 B2	8/2014	Pelc et al.	2014/0174025 A1	6/2014	Kinnunen et al.		
D713,242 S	9/2014	Magan	2014/0186109 A1	7/2014	Wadsworth		
9,003,624 B2	4/2015	Wadsworth	2014/0294535 A1	10/2014	Waterman et al.		
D731,874 S	6/2015	Lin	2015/0202678 A1	7/2015	Wadsworth		
D732,925 S	6/2015	Lin	2015/0275951 A1	10/2015	Shadwell et al.		
D738,194 S	9/2015	Baldoni et al.	2015/0354204 A1*	12/2015	Kinnunen .....	E04F 15/02044	248/228.5
D740,113 S	10/2015	Olenick					
9,200,456 B2	12/2015	Murphy					
D751,369 S	3/2016	Baldoni et al.					
9,369,936 B2	6/2016	Chin et al.					
D769,109 S *	10/2016	Kaiser .....	D8/382	DE	301456141 S	2/2011	
D774,385 S *	12/2016	Kaiser .....	D8/382	DE	302533206 S	8/2013	
2002/0059766 A1	5/2002	Gregori		CN	302813045	5/2014	
2002/0121064 A1*	9/2002	Erwin .....	E01C 5/22	DE	372483	3/1923	
			52/586.1	EP	4036338 A1	6/1991	
2003/0123924 A1	7/2003	Eberle		FR	863317 A2	9/1998	
2004/0020152 A1*	2/2004	Harris, Sr. .....	E04B 5/12	FR	1217468	12/1959	
			52/582.1	FR	1556252	12/1968	
2004/0045244 A1*	3/2004	Hafner .....	E04B 5/12	FR	2647837 A1	12/1990	
			52/489.1	GB	1350754	4/1974	
2004/0182034 A1	9/2004	Eberle, III		GB	1567008 A	5/1980	
2004/0184878 A1	9/2004	Eberle, III		JP	2124672 A	2/1984	
2005/0063771 A1	3/2005	Harris		JP	4371657 A	12/1992	
2005/0252156 A1	11/2005	Martel et al.		JP	7189451 A	7/1995	
2006/0107612 A1	5/2006	Pelc		WO	9409280	4/1994	
2006/0147672 A1	7/2006	Ruiz		WO	00/28170 A1	5/2000	
2006/0283122 A1	12/2006	Burgess et al.		WO	03016727 A	2/2003	
2007/0066096 A1	3/2007	Gillis et al.		WO	2004072405 A1	8/2004	
2007/0289249 A1	12/2007	Martel		WO	2005103509 A1	11/2005	
2008/0222993 A1	9/2008	Prichard et al.		WO	2005121569 A1	12/2005	
2008/0240886 A1	10/2008	Martel et al.		WO	2008070285 A1	6/2008	
2008/0279654 A1	11/2008	Deschamps		WO	2009099664 A1	8/2009	
2009/0019805 A1	1/2009	Zanelli		WO	2010071930 A1	7/2010	
2009/0217495 A1	9/2009	Tipps et al.		WO	2011045992 A1	4/2011	
2010/0180532 A1	7/2010	Martel		WO	2011163653 A2	12/2011	
2011/0123290 A1	5/2011	Wadsworth		WO	2013007878 A1	1/2013	
2012/0110944 A1	5/2012	Hess		WO	2013076585 A2	5/2013	
2013/0022392 A1	1/2013	Eberle, III		WO	D0805220003	9/2013	
2013/0104493 A1	5/2013	Orchard		WO	2014058958 A1	4/2014	
2013/0340377 A1	12/2013	Shadwell		WO	2014128340 A1	8/2014	
				WO	2014179838 A1	11/2014	
				WO	D085122001	12/2014	
FOREIGN PATENT DOCUMENTS							

\* cited by examiner

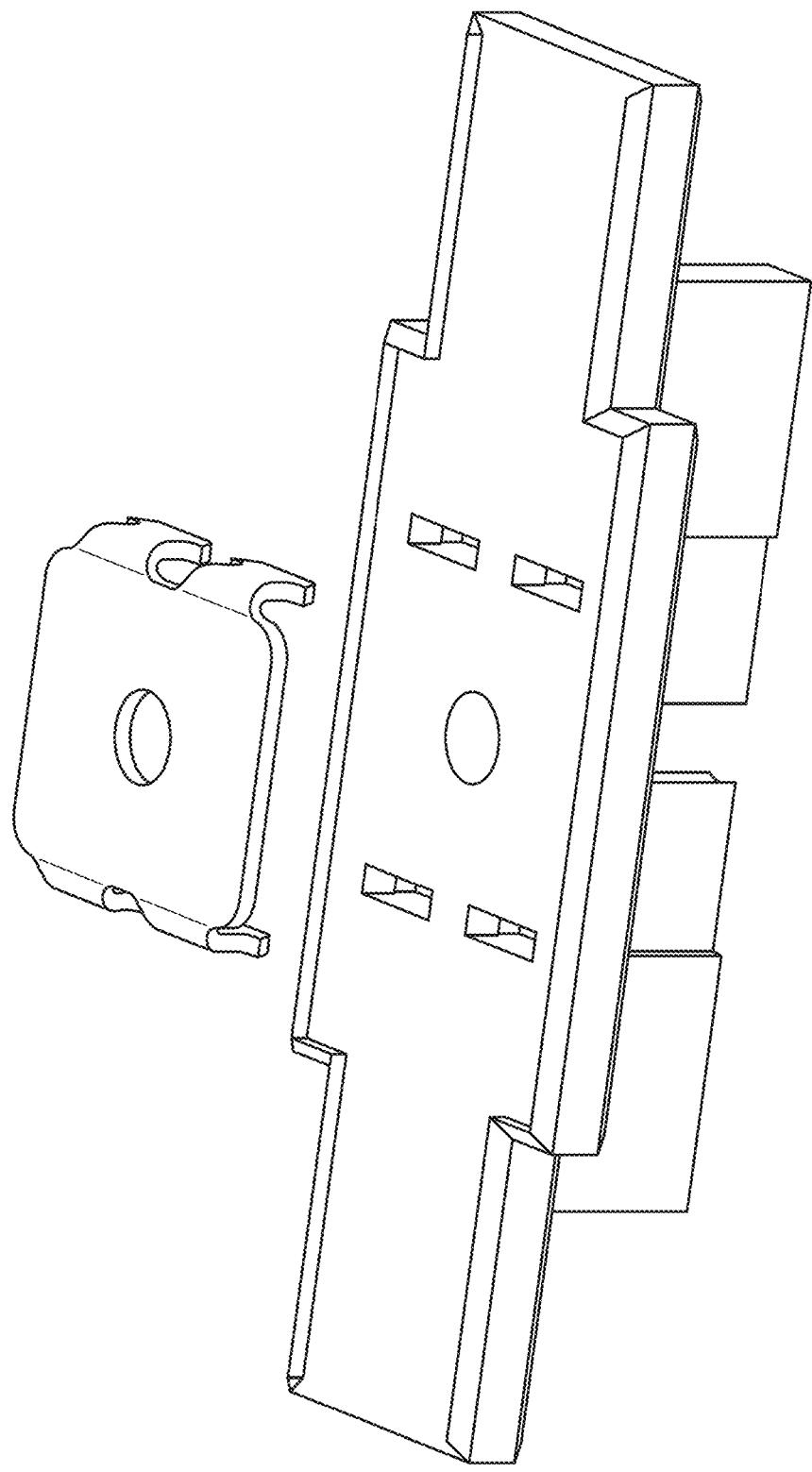
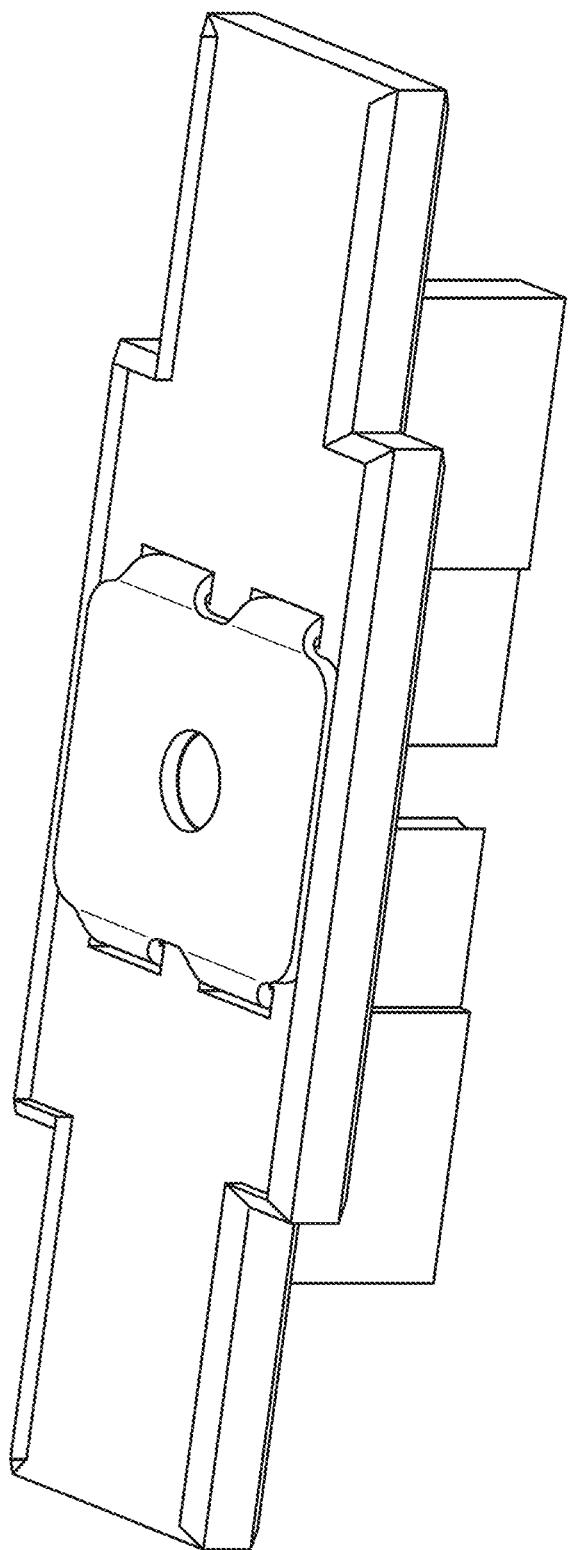
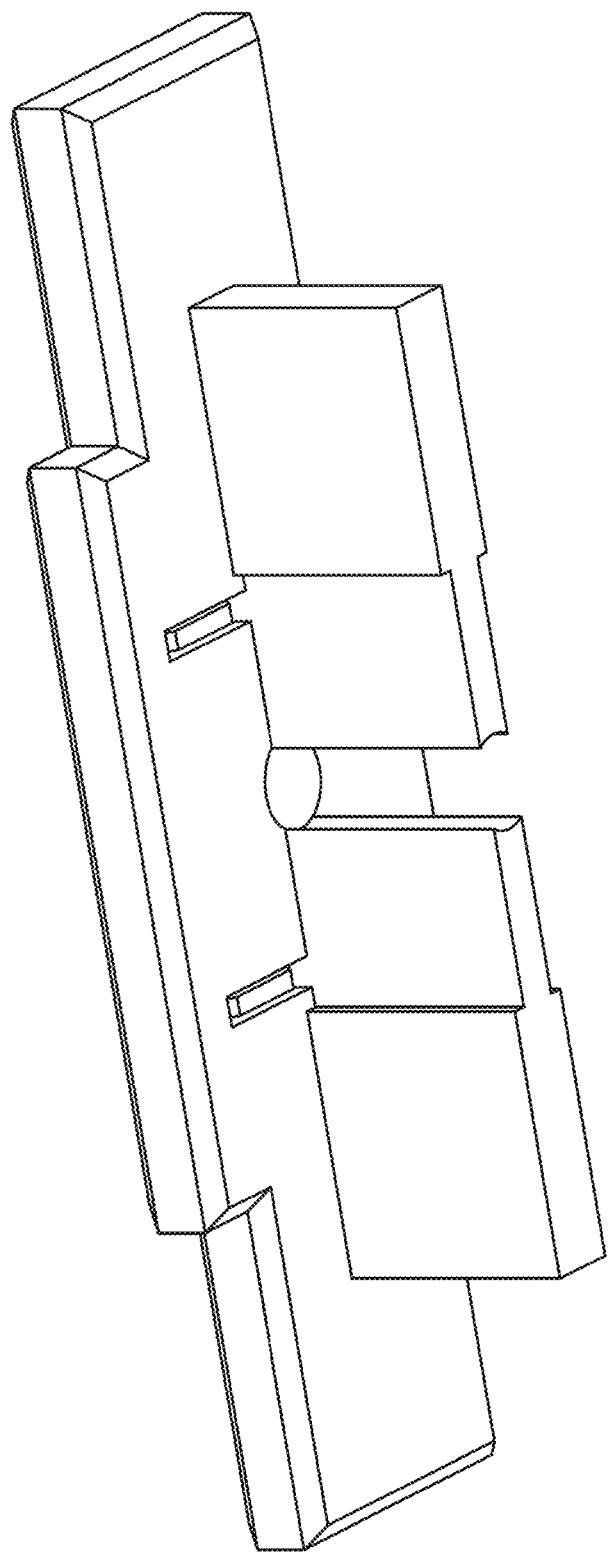


Fig. 1



**Fig. 2**



**Fig. 3**

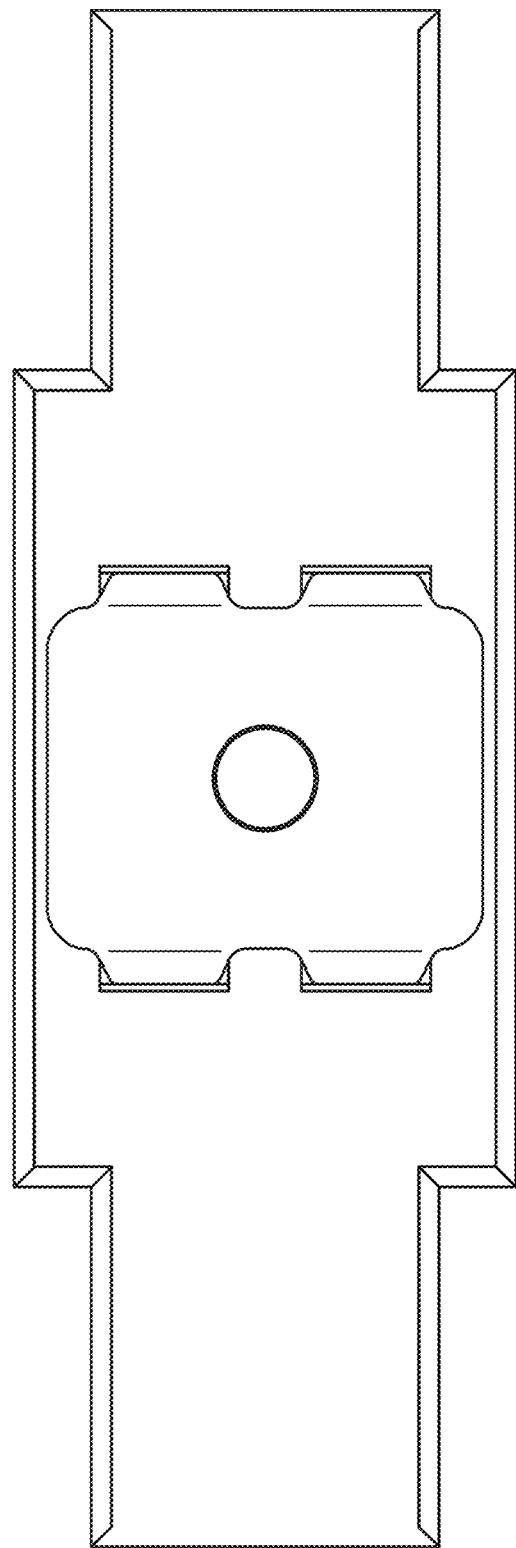


Fig. 4

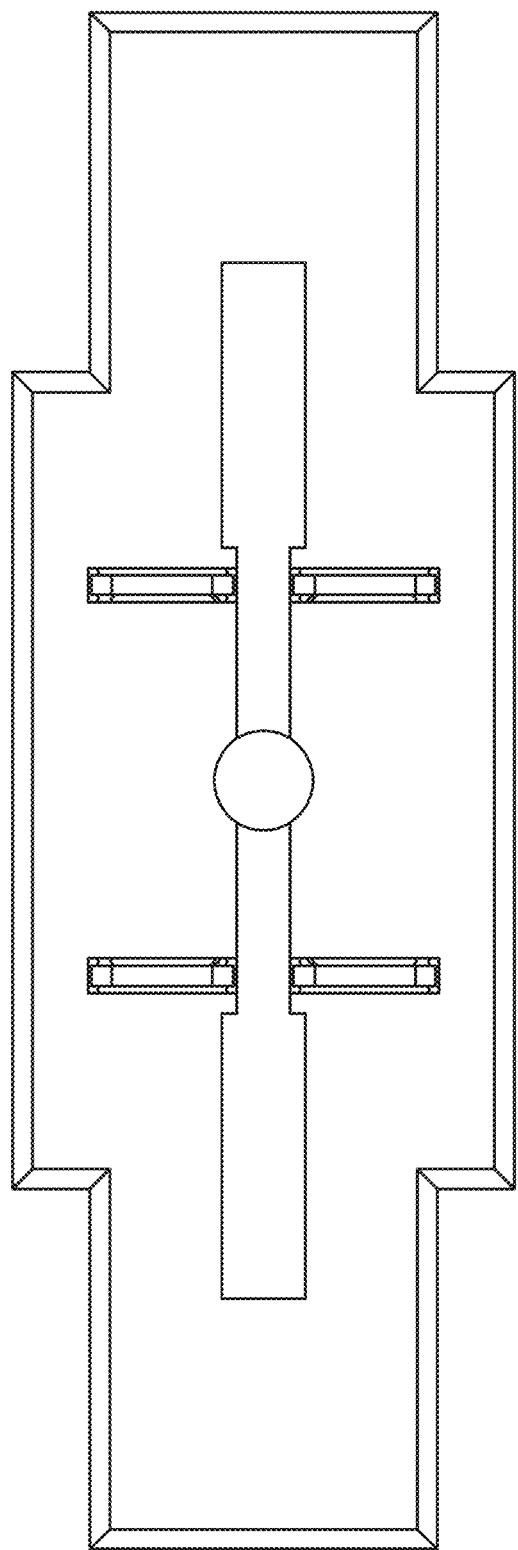
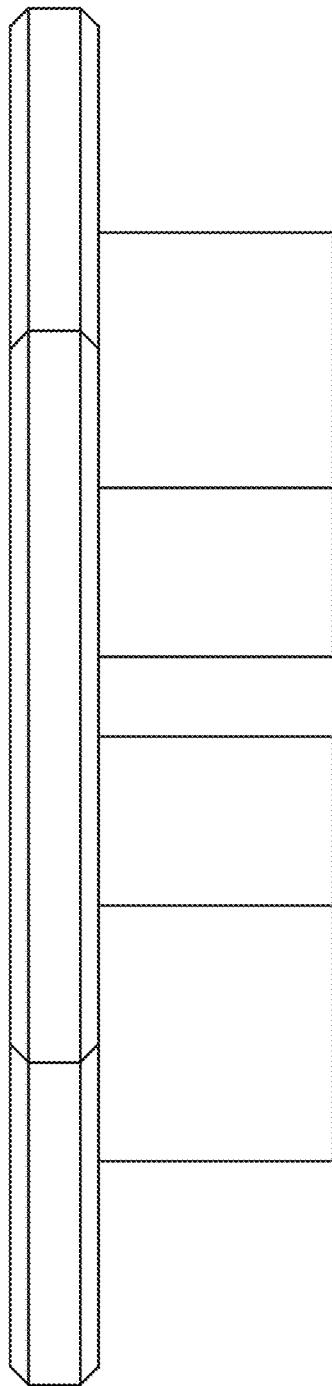
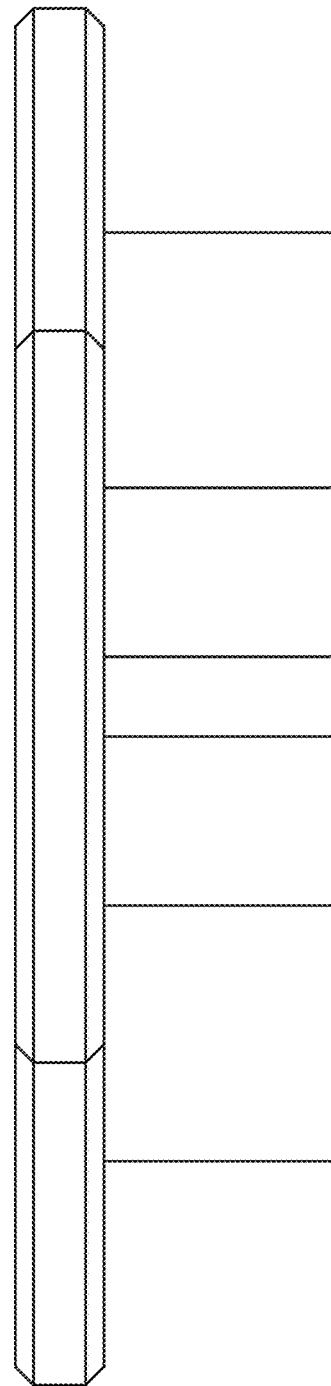


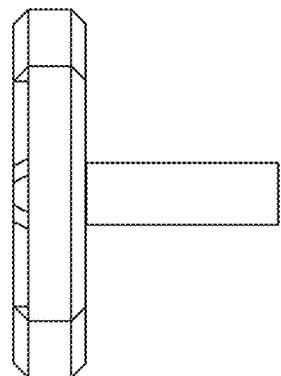
Fig. 5



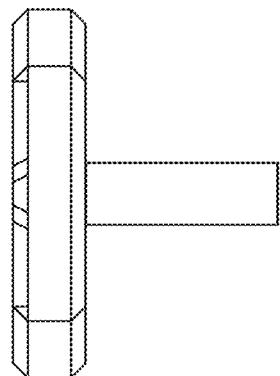
**Fig. 6**



**Fig. 7**



**Fig. 8**



**Fig. 9**