

(12) United States Design Patent (10) Patent No.: Byrne (45) Date of Patent

(10) Patent No.: US D510,908 S

(45) Date of Patent: ** *Oct. 25, 2005

(54) ELECTRICAL CONNECTOR KEYING ARRANGEMENT

(76) Inventor: Norman R. Byrne, 2736 Honey Creek,

NE., Ada, MI (US) 49301

(*) Notice: This patent is subject to a terminal dis-

claimer.

(**) Term: 14 Years

(21) Appl. No.: 29/182,700

(22) Filed: May 30, 2003

(52) U.S. Cl. D13/147 (58) Field of Search D13/146, 147;

385/53, 58, 71, 76, 77, 78; 439/171, 221, 284, 353, 354, 357, 358, 680, 681

(56) References Cited

U.S. PATENT DOCUMENTS

D252,269 S	*	7/1979	Jonsson
4,345,813 A	*	8/1982	Hatch 439/681
4,990,099 A	*	2/1991	Marin et al 439/284
5,289,554 A	*	2/1994	Cubukciyan et al 385/76
5,521,997 A	*	5/1996	Rovenolt et al 385/77
D474,746 S	*	5/2003	Rupert D13/147

^{*} cited by examiner

Primary Examiner—Stella Reid Assistant Examiner—Selina Sikder

(74) Attorney, Agent, or Firm—Varnum, Riddering, Schmidt & Howlett LLP

(57) CLAIM

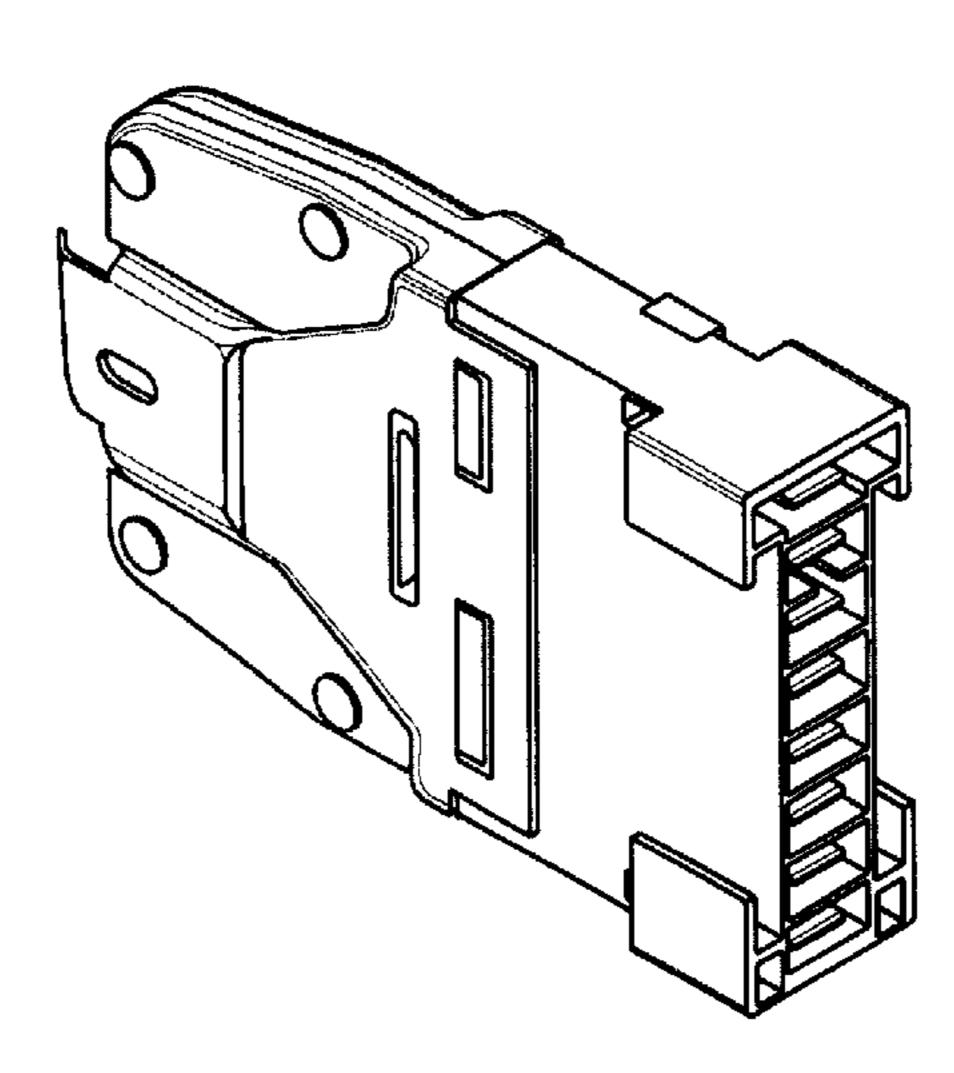
The ornamental design for an electrical connector keying arrangement, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of my electrical connector keying arrangement in accordance with the invention;

- FIG. 2 is an end view of the embodiment of my electrical connector keying arrangement illustrated in FIG. 1;
- FIG. 3 is a right-side elevation view of the first embodiment of my electrical connector keying arrangement illustrated in FIG. 1;
- FIG. 4 is a plan view of the first embodiment of my electrical connector keying arrangement illustrated in FIG. 1;
- FIG. 5 is a perspective view of a second embodiment of my electrical connector keying arrangement in accordance with the invention;
- FIG. 6 is an end view of the second embodiment of my electrical connector keying arrangement illustrated in FIG. 5;
- FIG. 7 is a right-side elevation view of the second embodiment of my electrical connector keying arrangement illustrated in FIG. 5;
- FIG. 8 is a plan view of the second embodiment of my electrical connector keying arrangement illustrated in FIG. 5;
- FIG. 9 is a perspective view of a third embodiment of my electrical connector keying arrangement in accordance with the invention;
- FIG. 10 is an end view of the third embodiment of my electrical connector keying arrangement illustrated in FIG. 9;
- FIG. 11 is a right-side elevation view of the third embodiment of my electrical connector keying arrangement illustrated in FIG. 9; and,
- FIG. 12 is a plan view of the third embodiment of my electrical connector keying arrangement illustrated in FIG. 9.

1 Claim, 3 Drawing Sheets



Oct. 25, 2005

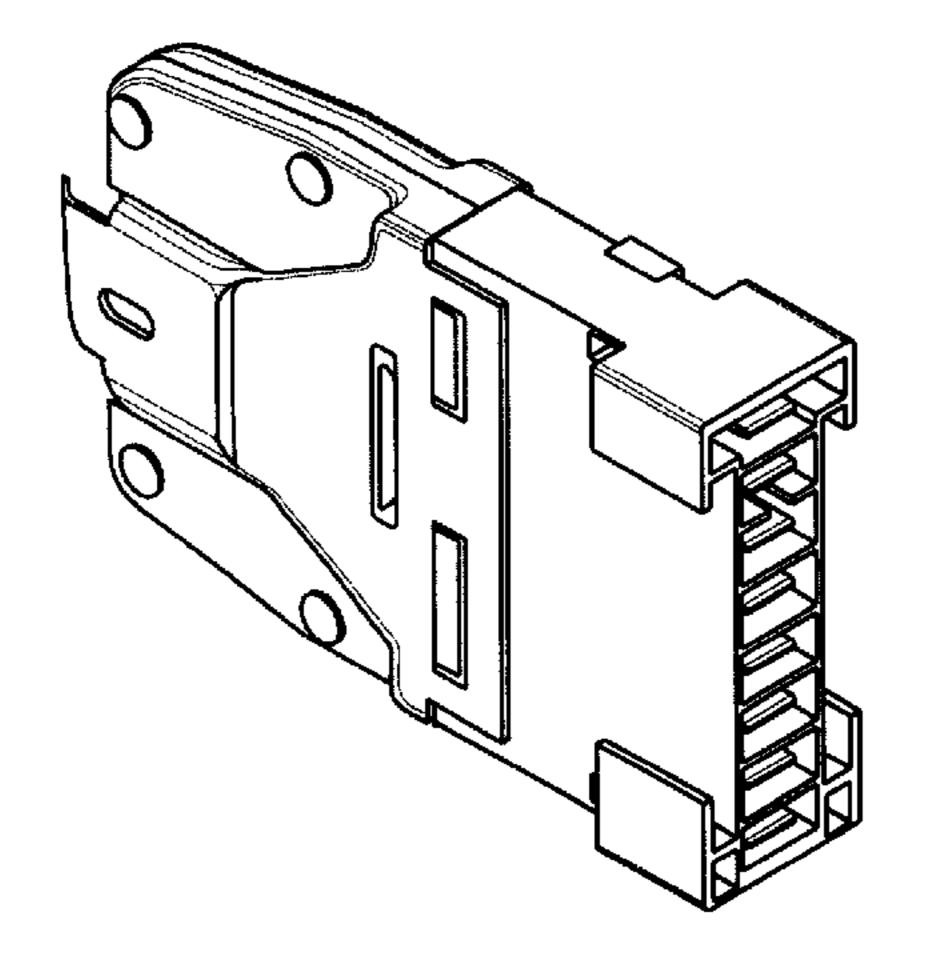
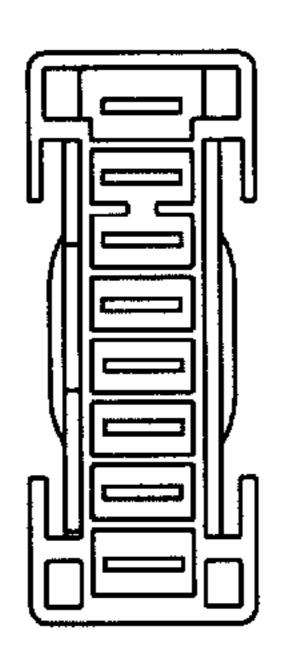
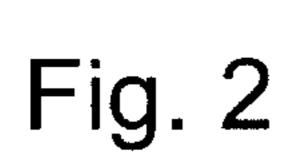


Fig. 1

Fig. 4





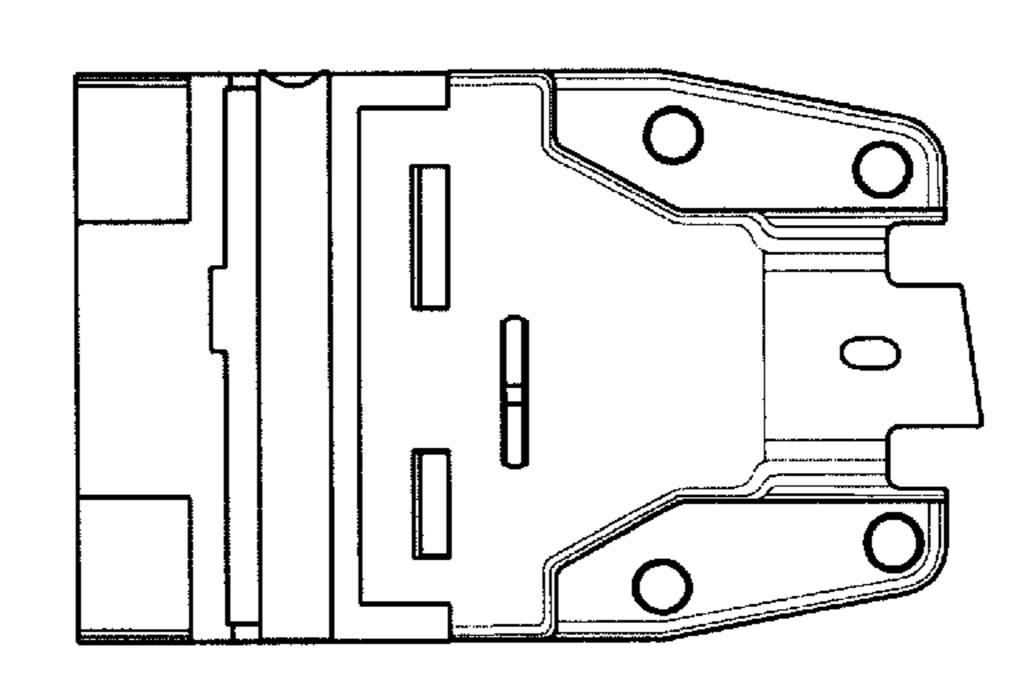


Fig. 3

Oct. 25, 2005

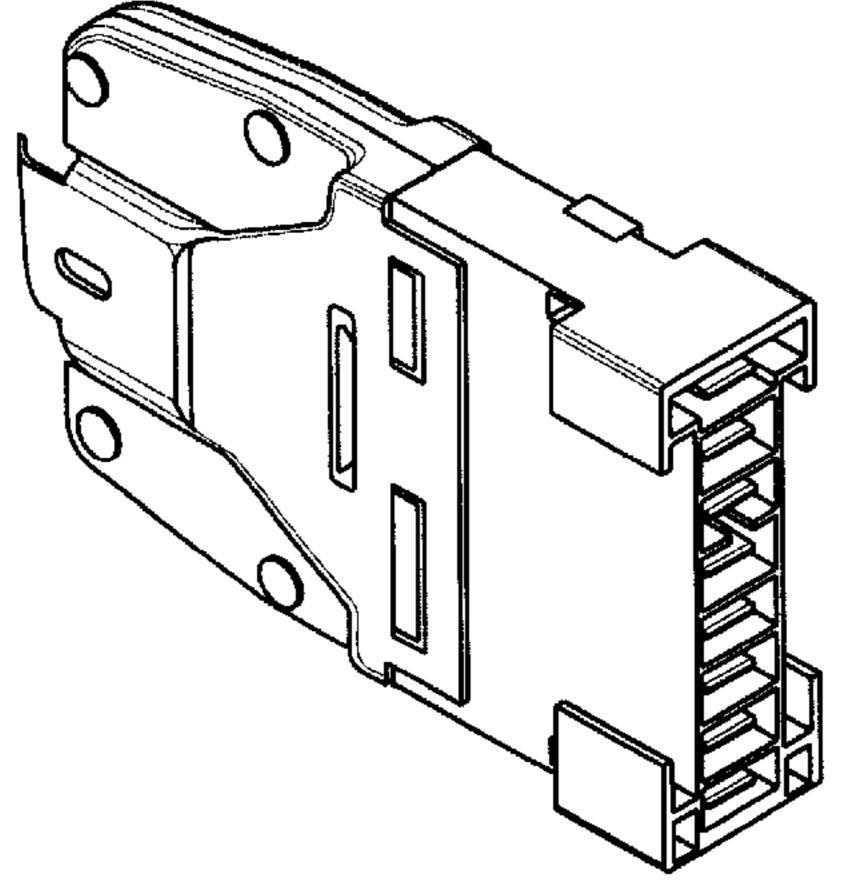
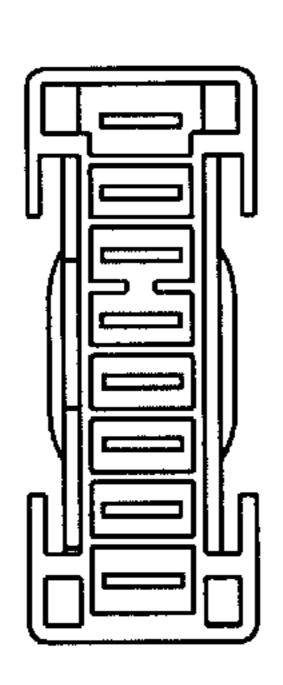
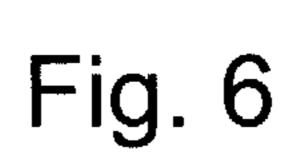




Fig. 5

Fig. 8





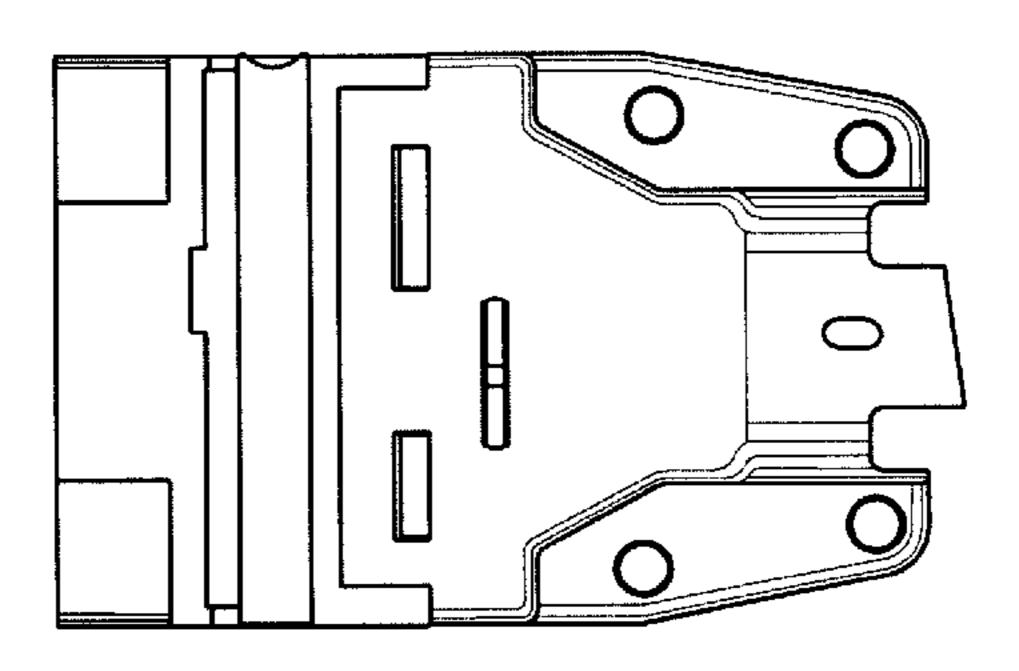
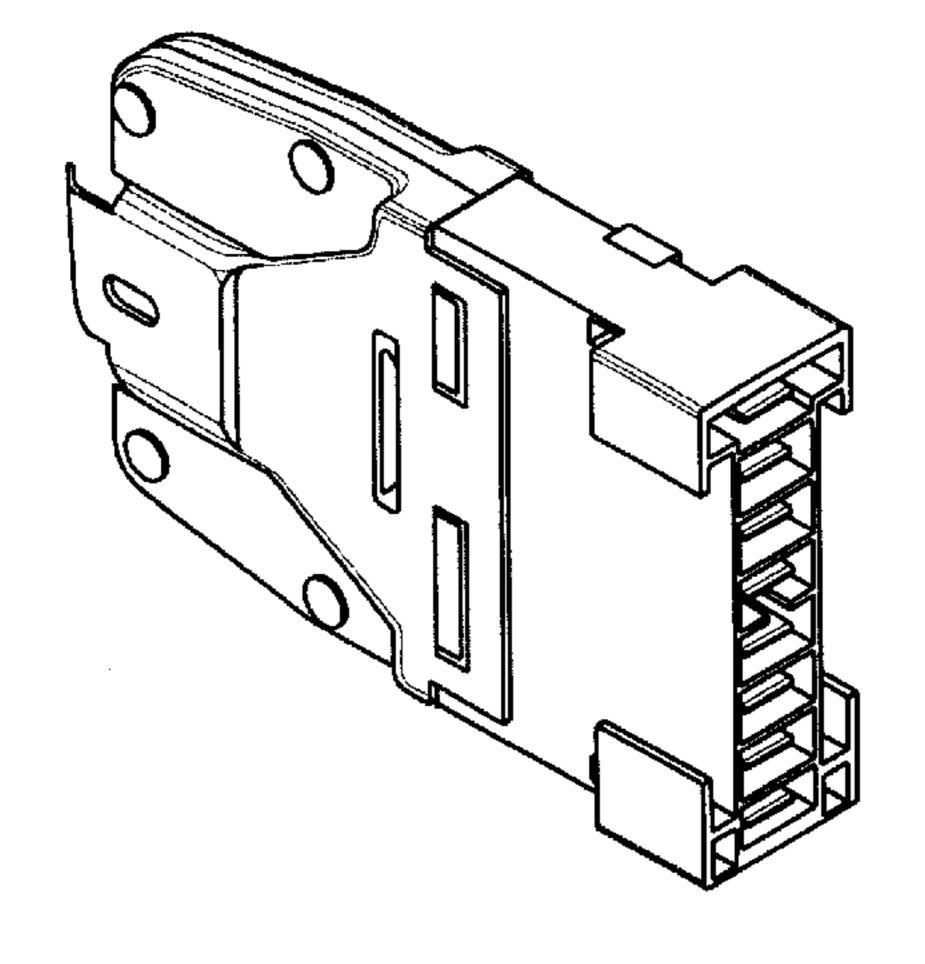


Fig. 7

Oct. 25, 2005



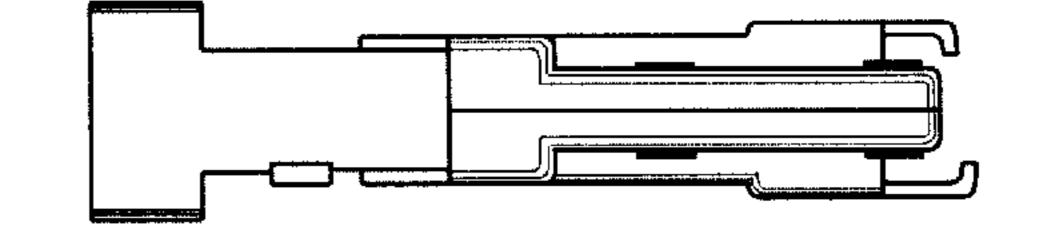
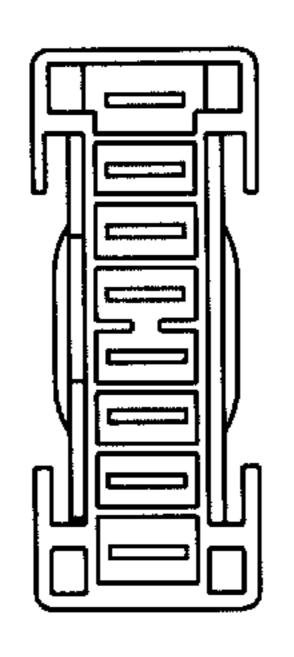


Fig. 9

Fig. 12



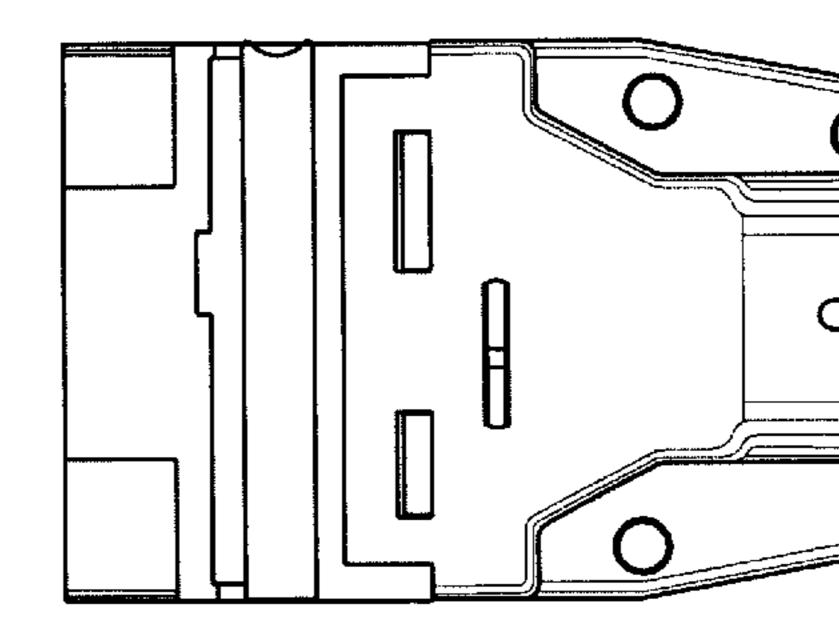


Fig. 10

Fig. 11