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(12) **United States Design Patent** (10) **Patent No.:** **US D973,600 S**  
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(54) **CONTACT**

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- (21) Appl. No.: **29/841,151**
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D607,836 S \* 1/2010 Yang ..... D13/154  
 D622,671 S \* 8/2010 Wang ..... D13/133  
 8,727,810 B2 \* 5/2014 Yoshida ..... H01R 4/028  
 439/862  
 D714,227 S \* 9/2014 Buck ..... D13/154  
 9,142,932 B2 \* 9/2015 Liaw ..... H01R 43/16  
 D748,063 S \* 1/2016 Buck ..... D13/154  
 9,728,873 B2 8/2017 Komoto et al.

(Continued)

FOREIGN PATENT DOCUMENTS

CN 1529924 A 9/2004  
 CN 106921056 A 7/2017

(Continued)

OTHER PUBLICATIONS

Office Action in Taiwanese Patent Application No. 110303910, dated Aug. 31, 2022, 5 pages.

(Continued)

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**Related U.S. Application Data**

- (62) Division of application No. 29/759,286, filed on Nov. 20, 2020, now Pat. No. Des. 958,092.
- (51) **LOC (13) Cl.** ..... **13-03**
- (52) **U.S. Cl.**  
USPC ..... **D13/154**
- (58) **Field of Classification Search**  
USPC ..... D13/118, 123, 133, 146, 147, 149, 151,  
D13/154, 184, 199  
CPC ..... H01R 13/02; H01R 13/03; H01R 13/41;  
H01R 13/658; H01R 13/6585; H01R  
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43/16; H05K 3/3426  
See application file for complete search history.

(57) **CLAIM**

The ornamental design for a contact, as shown and described.

**DESCRIPTION**

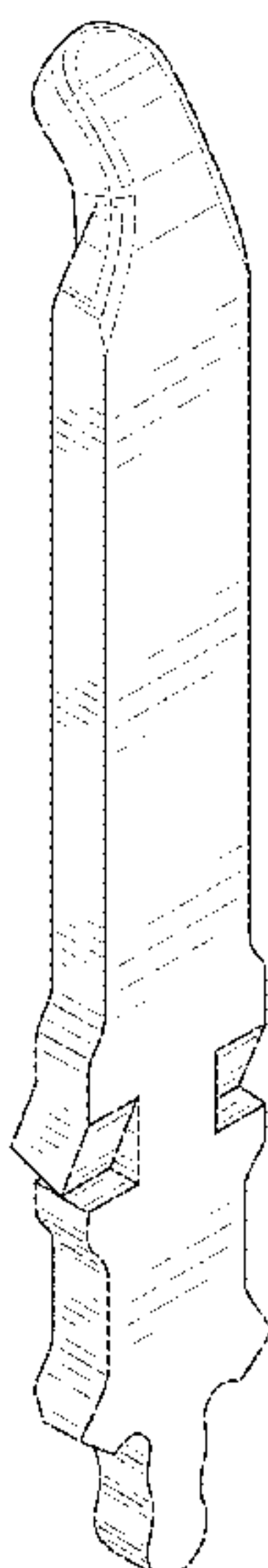
FIG. 1 is a top, front, and left side perspective view of a contact showing our new design;  
 FIG. 2 is a bottom, back, and right side perspective view thereof;  
 FIG. 3 is a front view thereof;  
 FIG. 4 is a back view thereof;  
 FIG. 5 is a right view thereof;  
 FIG. 6 is a left view thereof;  
 FIG. 7 is a top view thereof; and,  
 FIG. 8 is a bottom view thereof.

**1 Claim, 8 Drawing Sheets**

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,115,379 A \* 12/1963 McKee ..... H01R 13/28  
439/290  
 5,904,581 A 5/1999 Pope et al.  
 6,325,644 B1 \* 12/2001 Lemke ..... H01R 12/716  
439/83  
 7,377,795 B2 \* 5/2008 Vicich ..... H05K 3/3426  
439/83  
 D576,558 S \* 9/2008 Chiang ..... D13/154



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D816,044 S \* 4/2018 Zerebilov ..... D13/154  
 10,553,982 B2 \* 2/2020 Sha ..... H01R 13/502  
 2004/0198077 A1 10/2004 Zaderej et al.  
 2006/0196857 A1 \* 9/2006 Vicich ..... H01R 4/028  
 219/121.69

FOREIGN PATENT DOCUMENTS

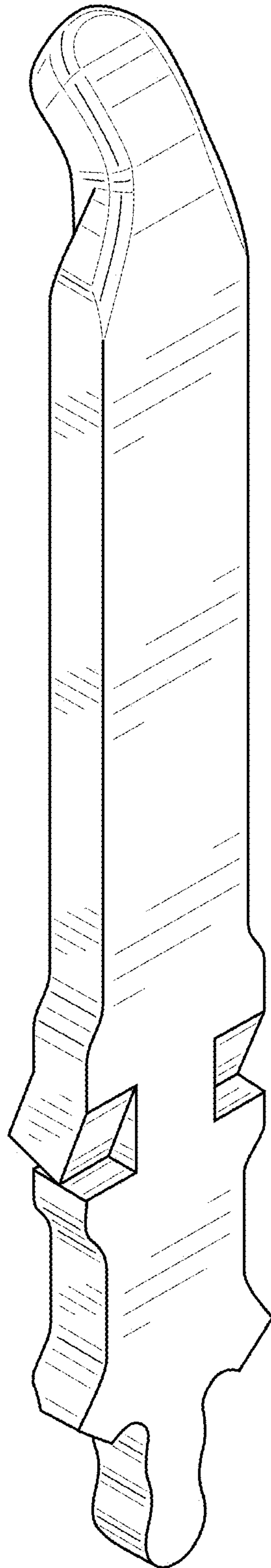
CN 215299559 U 12/2021  
 TW D168325 S 6/2015  
 TW D190127 S 5/2018  
 TW D190546 S 5/2018  
 TW D192655 S 9/2018  
 TW D198416 S 7/2019

OTHER PUBLICATIONS

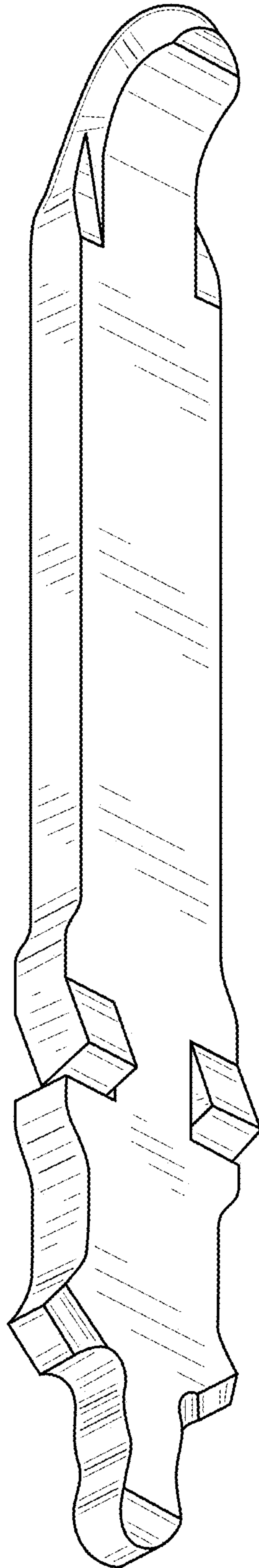
Office Action in Taiwanese Patent Application No. 110304043, dated Aug. 31, 2022, 5 pages.  
 Office Action in Taiwanese Patent Application No. 110304333, dated Aug. 31, 2022, 5 pages.  
 Official Communication issued in corresponding Taiwanese Patent Application No. 110304333, dated Apr. 29, 2022.  
 Musser et al., “Connector With Top- and Bottom-Stitched Contacts”, U.S. Appl. No. 17/056,486, filed Nov. 18, 2020.  
 Musser, et al., “Contact”, U.S. Appl. No. 29/655,784, filed Jul. 6, 2018.  
 Musser et al., “Contact”, U.S. Appl. No. 29/655,786, filed Jul. 6, 2018.  
 Musser et al., “Connector”, U.S. Appl. No. 29/652,012, filed Nov. 5, 2018.  
 Musser et al., “Connector”, U.S. Appl. No. 29/773,719, filed Mar. 11, 2021.  
 Musser et al., “Contact”, U.S. Appl. No. 29/773,721, filed Mar. 11, 2021.

Musser et al., “Contact”, U.S. Appl. No. 29/773,722, filed Mar. 11, 2021.  
 Musser et al., “Connector and Contact”, U.S. Appl. No. 29/832,053, filed Mar. 24, 2022.  
 Musser et al., “Connector”, U.S. Appl. No. 29/652,014, filed Dec. 17, 2018.  
 Musser et al., “Connector”, U.S. Appl. No. 29/773,723, filed Mar. 11, 2021.  
 Musser et al., “Connector”, U.S. Appl. No. 29/652,015, filed Dec. 17, 2018.  
 Musser et al., “Connector”, U.S. Appl. No. 29/773,724, filed Mar. 11, 2021.  
 Musser et al., “Connector”, U.S. Appl. No. 29/832,052, filed Mar. 24, 2022.  
 Musser et al., “Connector”, U.S. Appl. No. 29/821,508, filed Dec. 30, 2021.  
 Musser et al., “Connector”, U.S. Appl. No. 29/821,509, filed Dec. 30, 2021.  
 Musser et al., “Connector”, U.S. Appl. No. 29/709,518, filed Oct. 15, 2019.  
 Musser et al., “Connector”, U.S. Appl. No. 29/773,725, filed Mar. 11, 2021.  
 Musser et al., “Connector”, U.S. Appl. No. 29/833,175, filed Apr. 1, 2022.  
 Musser et al., “Connector”, U.S. Appl. No. 29/716,201, filed Dec. 6, 2019.  
 Musser et al., “Connector”, U.S. Appl. No. 29/833,208, filed Apr. 1, 2022.  
 Musser et al., “Connector”, U.S. Appl. No. 29/716,202, filed Dec. 6, 2019.  
 Musser et al., “Connector”, U.S. Appl. No. 29/809,263, filed Sep. 27, 2021.  
 Musser et al., “Contact”, U.S. Appl. No. 29/759,286, filed Nov. 20, 2020.  
 First Office Action in CN202011418253.2, dated Jun. 15, 2022, 10 pages.  
 Office Action issued in TW110304511, dated Jun. 29, 2022, 4 pages.  
 Office Action issued in TW110304512, dated Jun. 29, 2022, 4 pages.

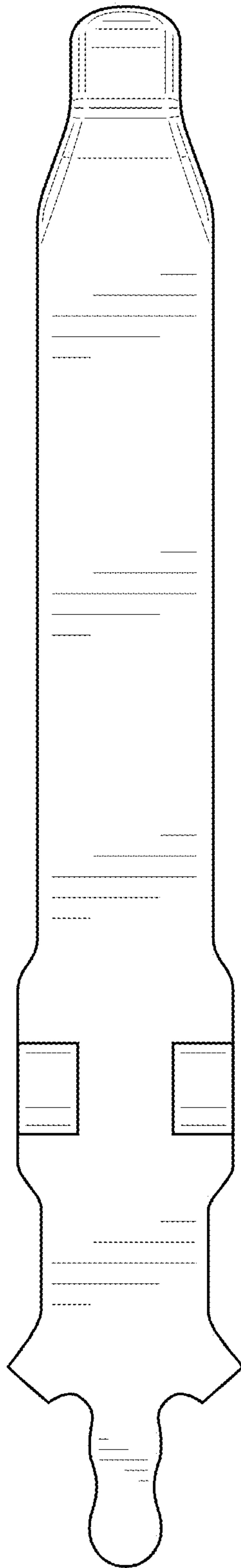
\* cited by examiner



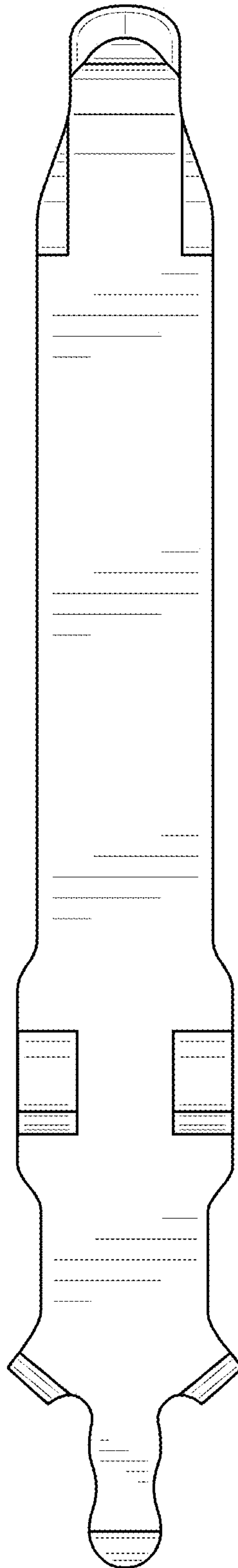
**FIG. 1**



**FIG. 2**

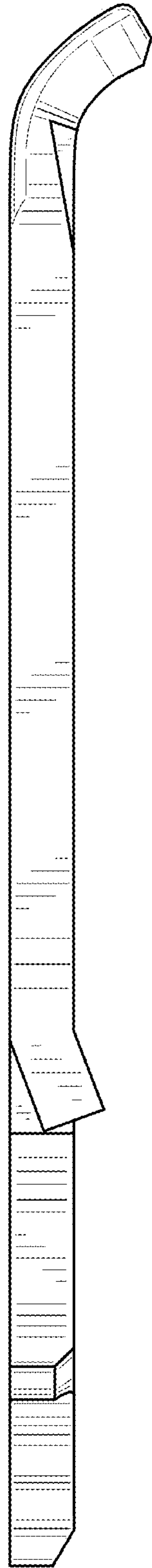


**FIG. 3**

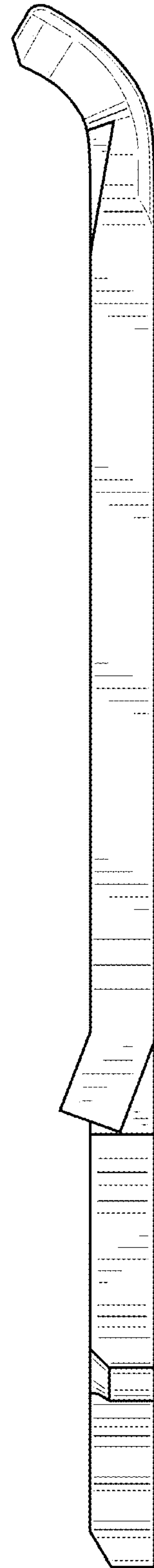


**FIG. 4**



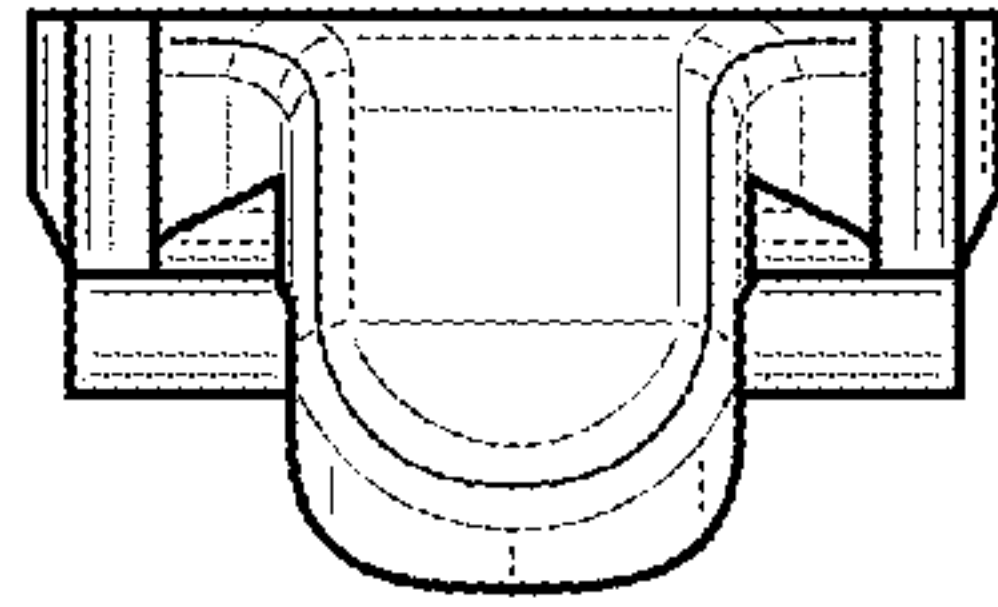


**FIG. 5**

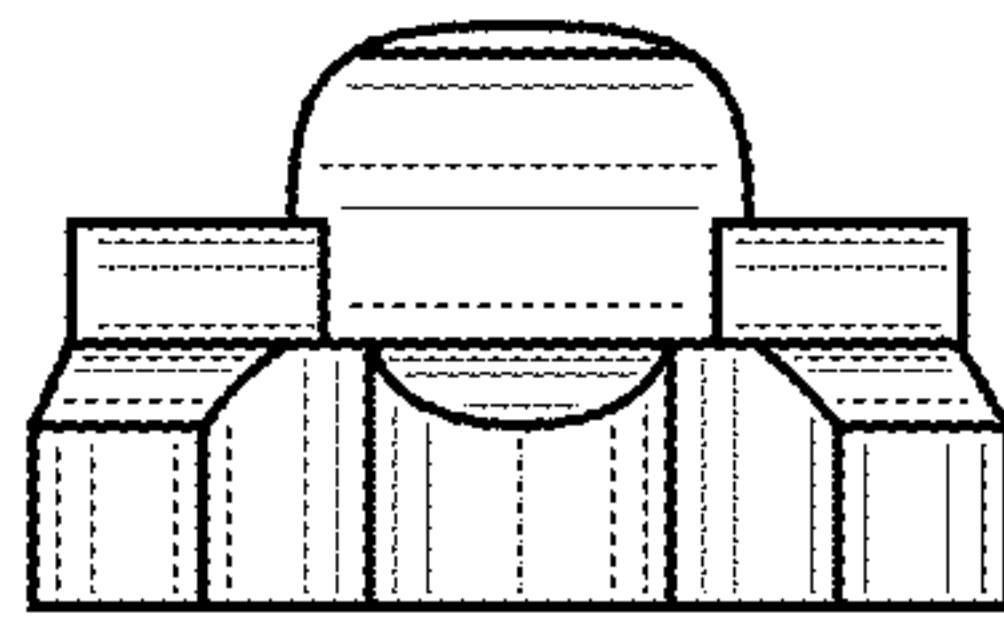


**FIG. 6**





***FIG. 7***



**FIG. 8**