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(12) United States Design Patent

Fujikata et al.

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(54) **ELECTRICAL CONTACT FOR USE IN A PLATING APPARATUS**

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(72) Inventors: **Jumpei Fujikata**, Tokyo (JP); **Masaaki Kimura**, Tokyo (JP); **Mitsutoshi Yahagi**, Tokyo (JP)

(73) Assignee: **Ebara Corporation**, Tokyo (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/488,445**

(22) Filed: **Apr. 18, 2014**

Related U.S. Application Data

(60) Continuation-in-part of application No. 29/488,146, filed on Apr. 16, 2014, which is a division of application No. 29/463,693, filed on Jan. 28, 2014, now Pat. No. Des. 717,736, which is a division of application No. 29/462,320, filed on Aug. 1, 2013, now Pat. No. Des. 706,224.

(30) **Foreign Application Priority Data**

Mar. 4, 2014 (JP) 2014-004595
Mar. 4, 2014 (JP) 2014-004596
Mar. 4, 2014 (JP) 2014-004597

(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/154**

(58) **Field of Classification Search**
USPC D13/147, 154, 184, 194; 439/607.01, 439/607.04, 607.05, 607.17, 607.25, 439/607.34, 607.41, 607.53, 623, 660, 668, 439/680, 792, 839, 842, 843, 845, 846, 849, 439/850, 865, 866, 867, 868, 869, 870, 871, 439/872, 873, 874, 875, 876, 877, 878, 879, 439/880, 881, 882, 883, 884, 885, 886, 887, 439/888, 889, 890, 891, 892
See application file for complete search history.

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Primary Examiner — Daniel Bui
(74) *Attorney, Agent, or Firm* — Pearne & Gordon LLP

(57) **CLAIM**

The ornamental design for an electrical contact for use in a plating apparatus, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a electrical contact for use in a plating apparatus showing our new design;
FIG. **2** is a rear perspective view thereof;
FIG. **3** is a front elevation view thereof;
FIG. **4** is a bottom plan view thereof;
FIG. **5** is a top plan view thereof;
FIG. **6** is a rear elevation view thereof;
FIG. **7** is a right side elevation view thereof;
FIG. **8** is a is a front perspective view of a second electrical contact for use in a plating apparatus showing our new design;
FIG. **9** is a rear perspective view thereof;
FIG. **10** is a front view thereof;
FIG. **11** is a bottom view thereof;
FIG. **12** is a plan view thereof;
FIG. **13** is a rear view thereof;
FIG. **14** is a right side view thereof;
FIG. **15** is a front perspective view of a third electrical contact for use in a plating apparatus showing our new design;
FIG. **16** is a rear perspective view thereof;
FIG. **17** is a front view thereof;
FIG. **18** is a bottom view thereof;
FIG. **19** is a plan view thereof;
FIG. **20** is a rear view thereof; and,
FIG. **21** is a right side view thereof.

1 Claim, 6 Drawing Sheets

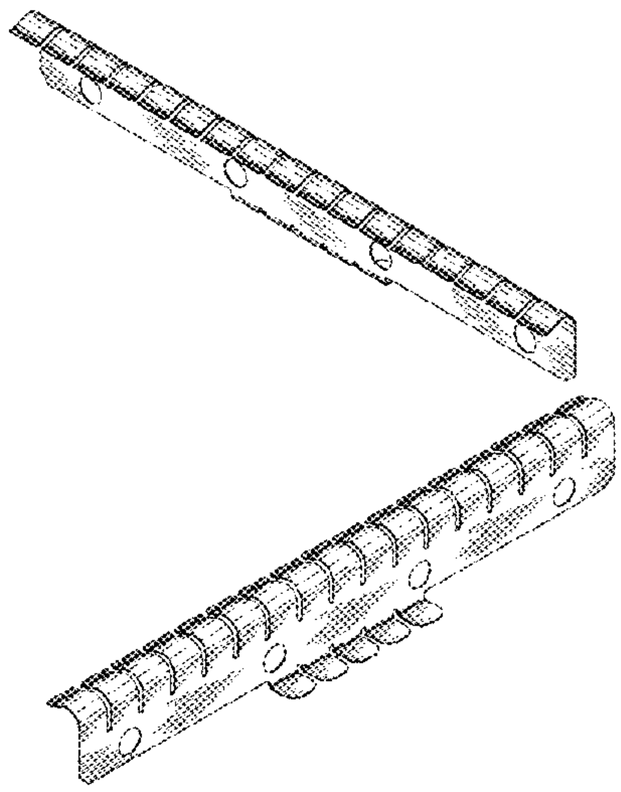

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FIG. 1

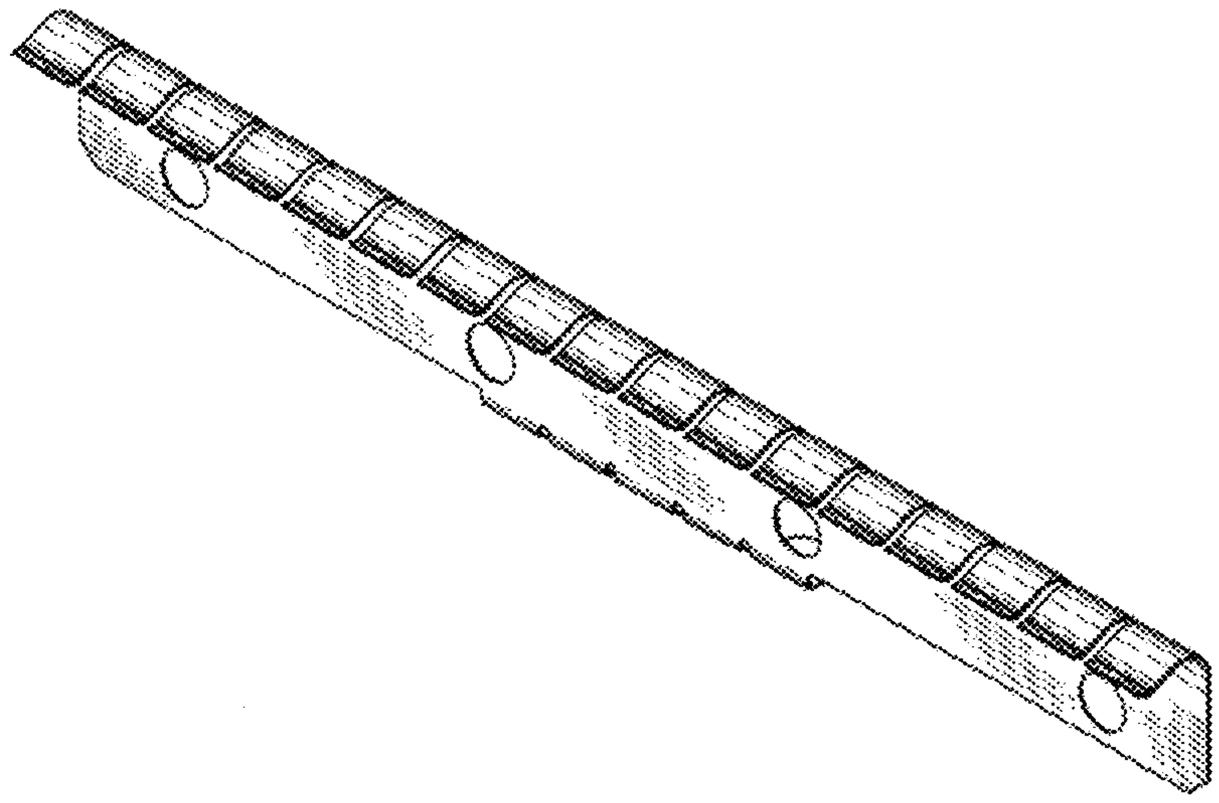


FIG. 2

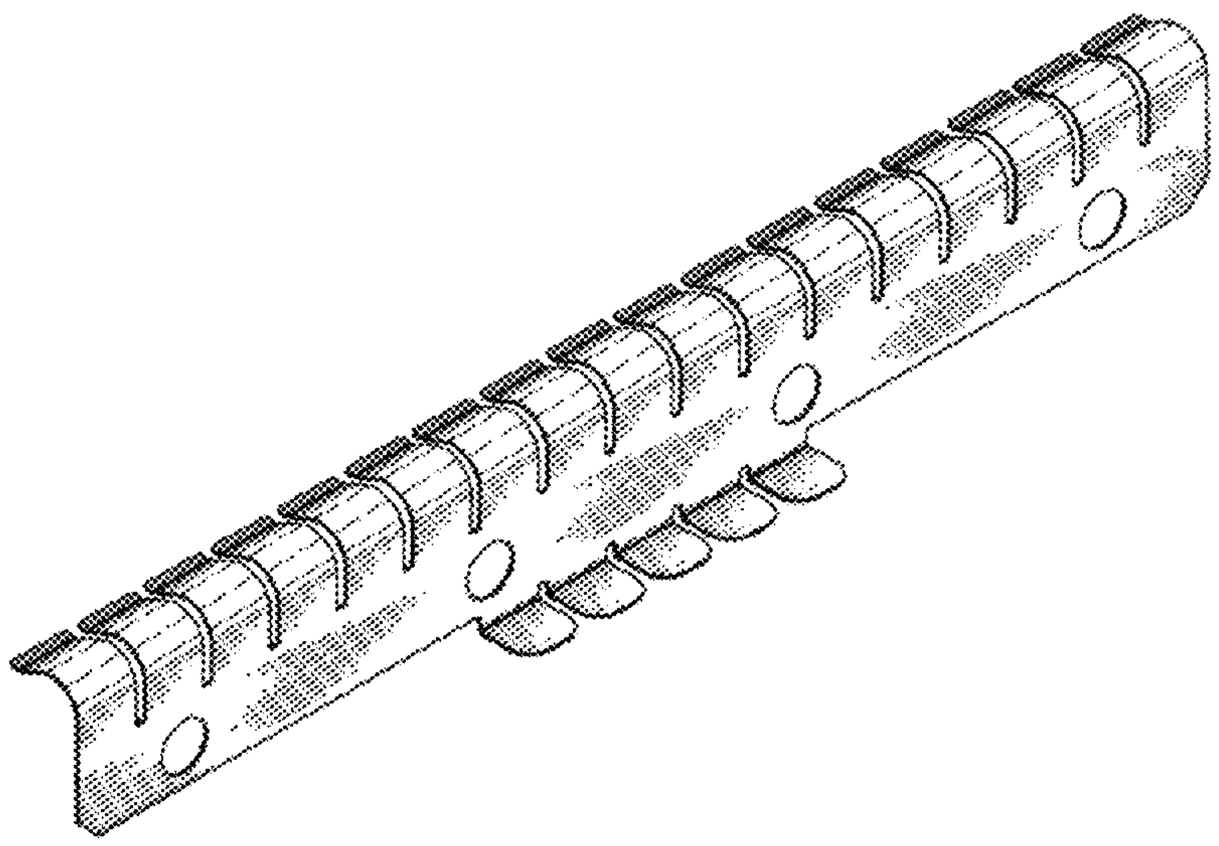


FIG. 3

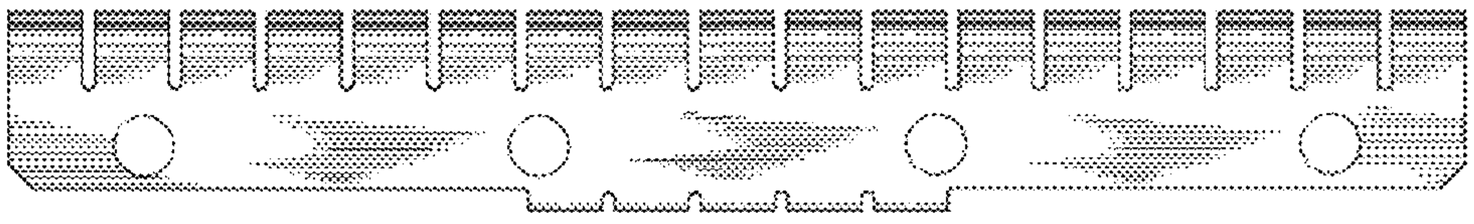


FIG. 4

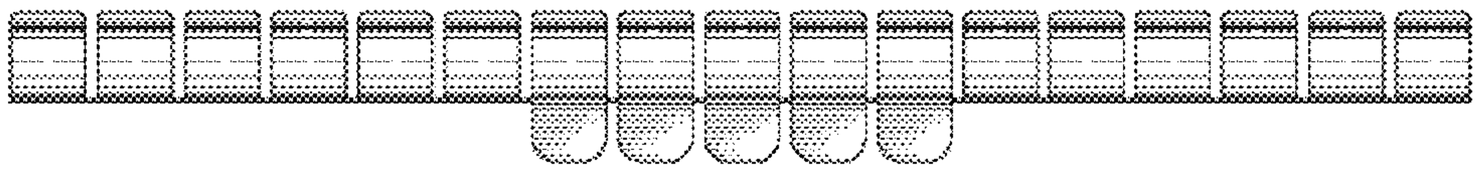


FIG. 5

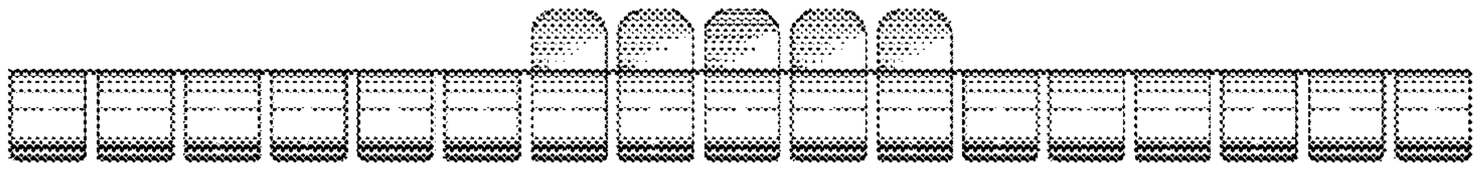


FIG. 6

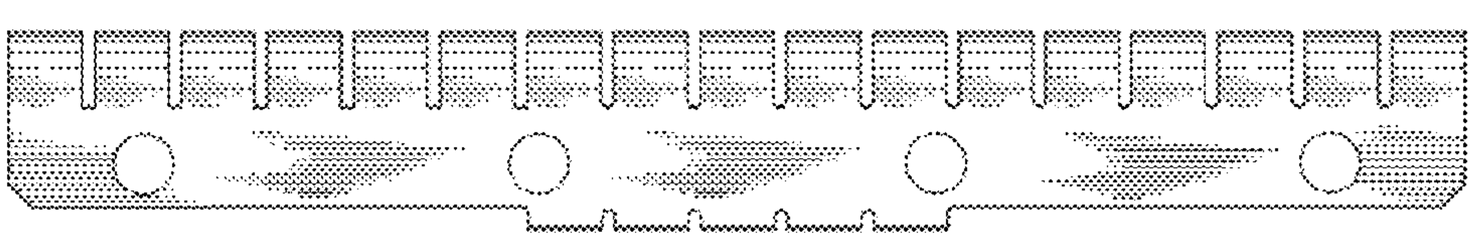


FIG. 7

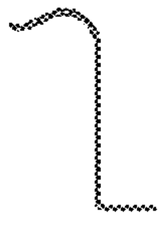


FIG. 8

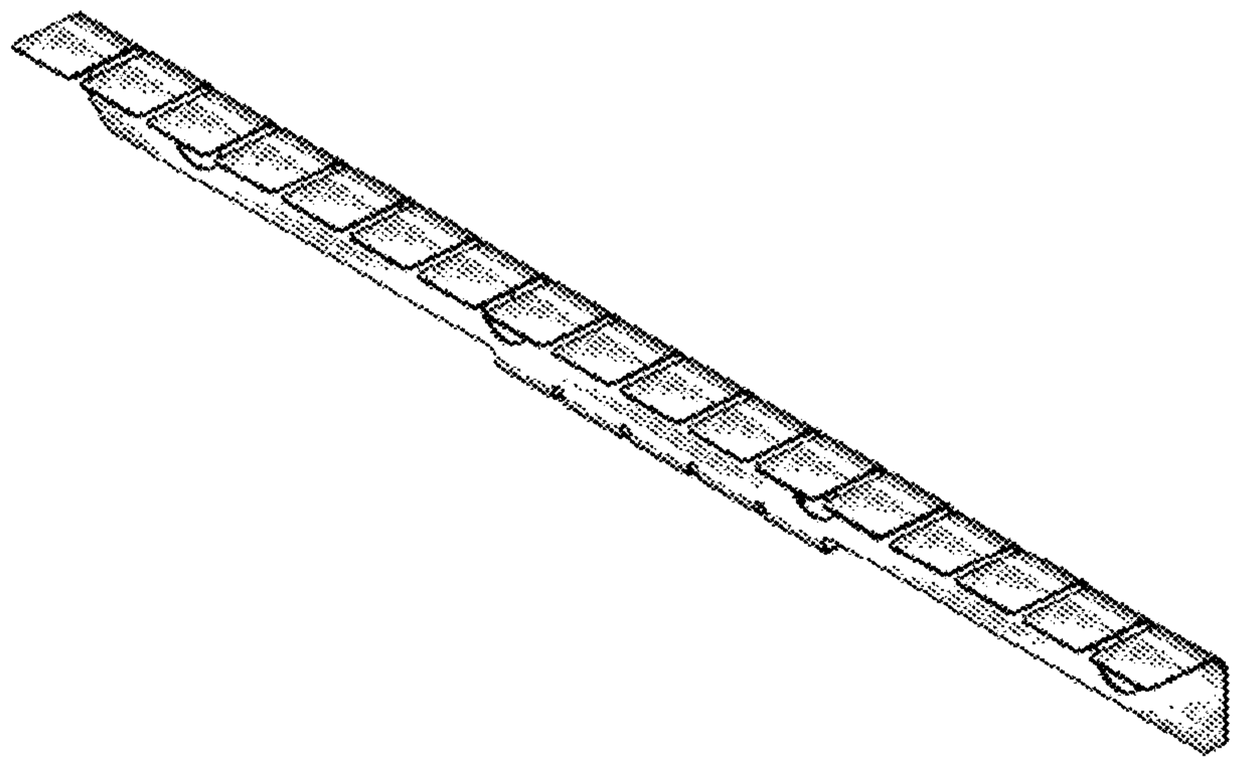


FIG. 9

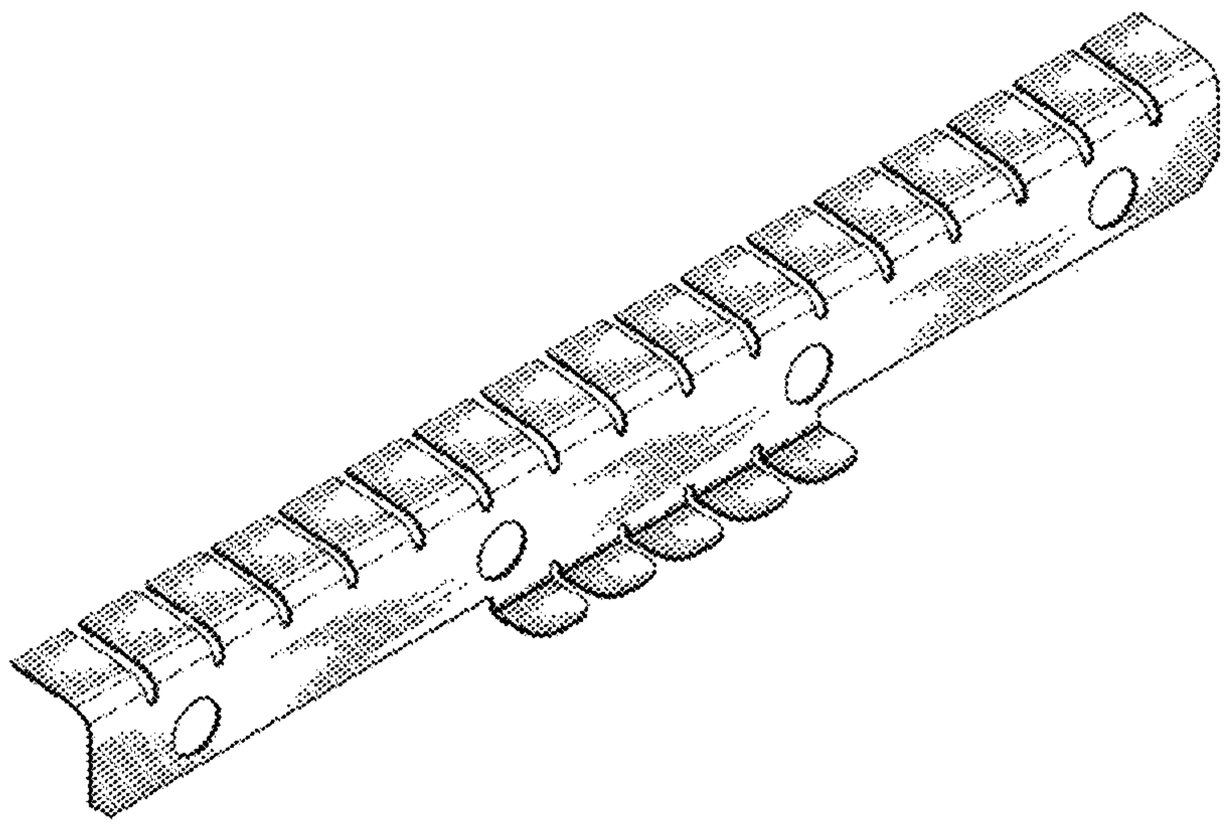


FIG. 10

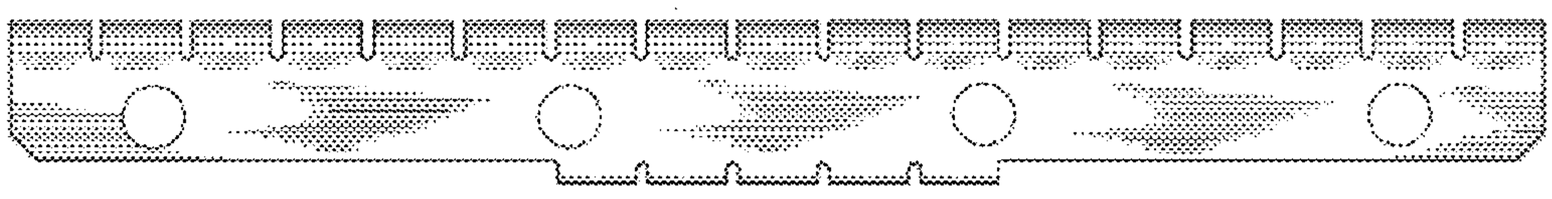


FIG. 11

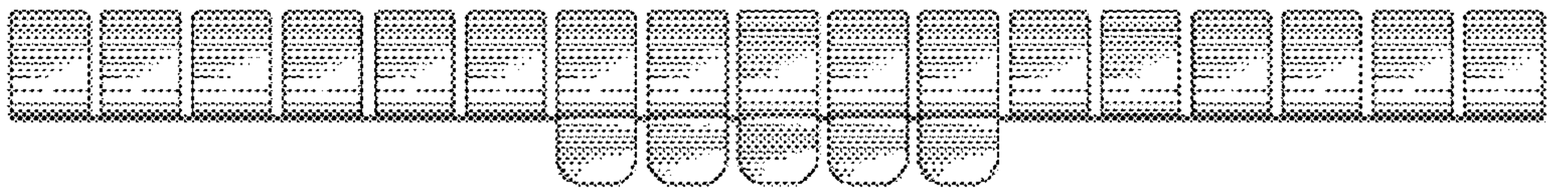


FIG. 12

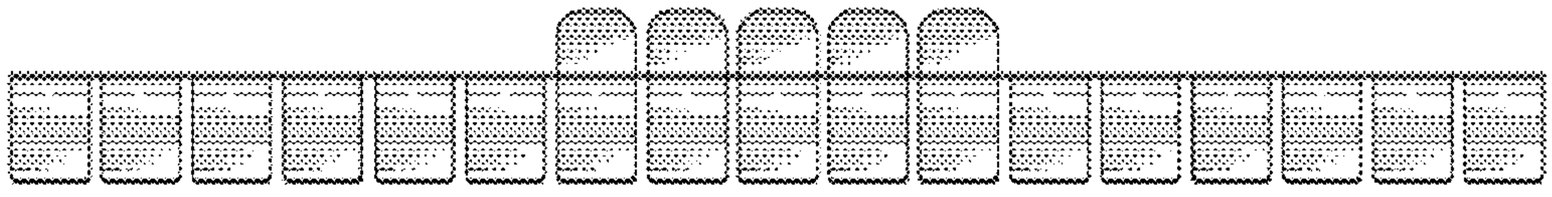


FIG. 13

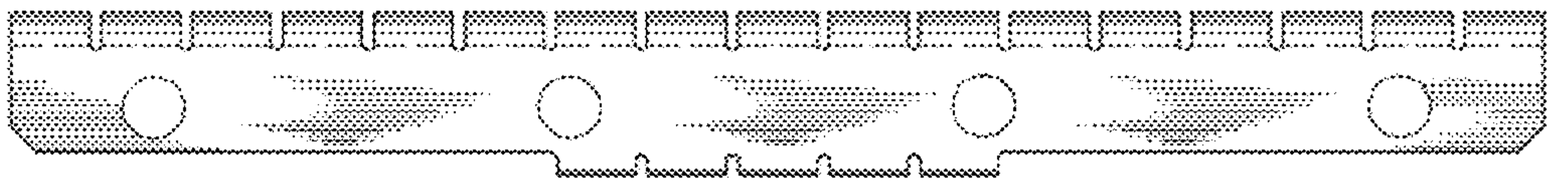


FIG. 14

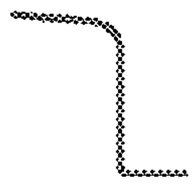


FIG. 15

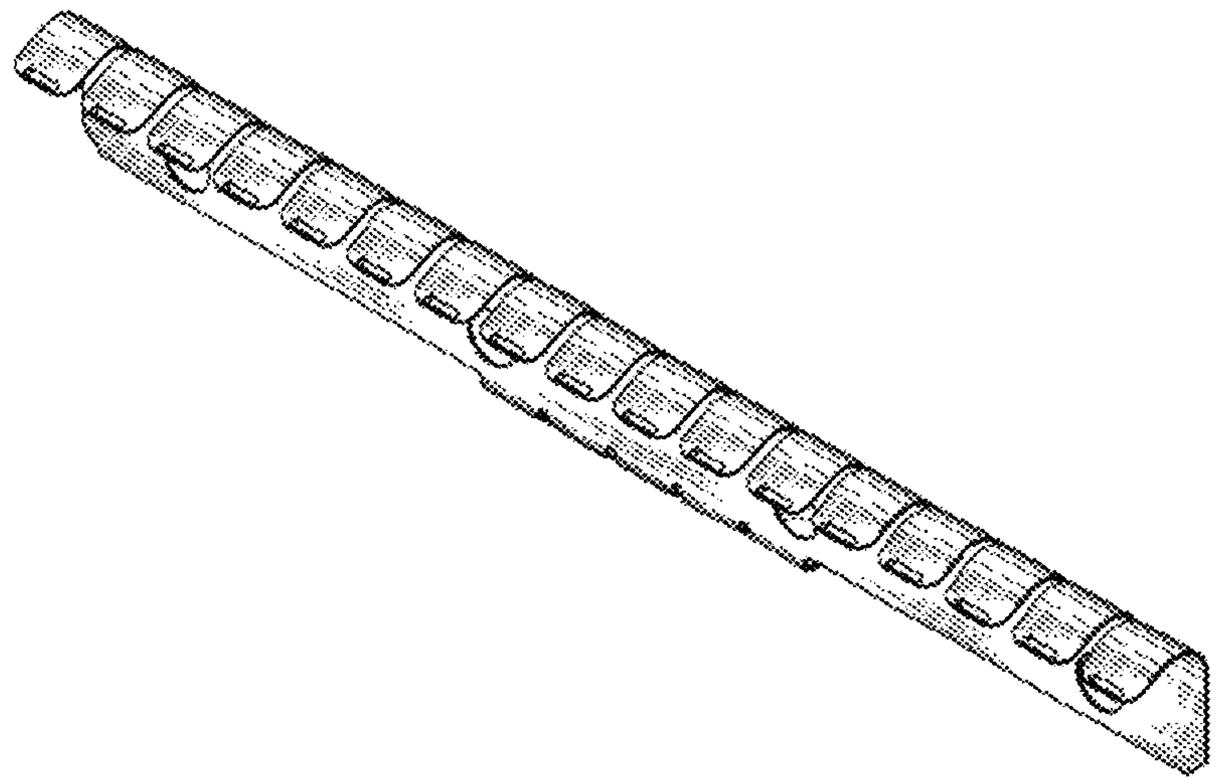


FIG. 16

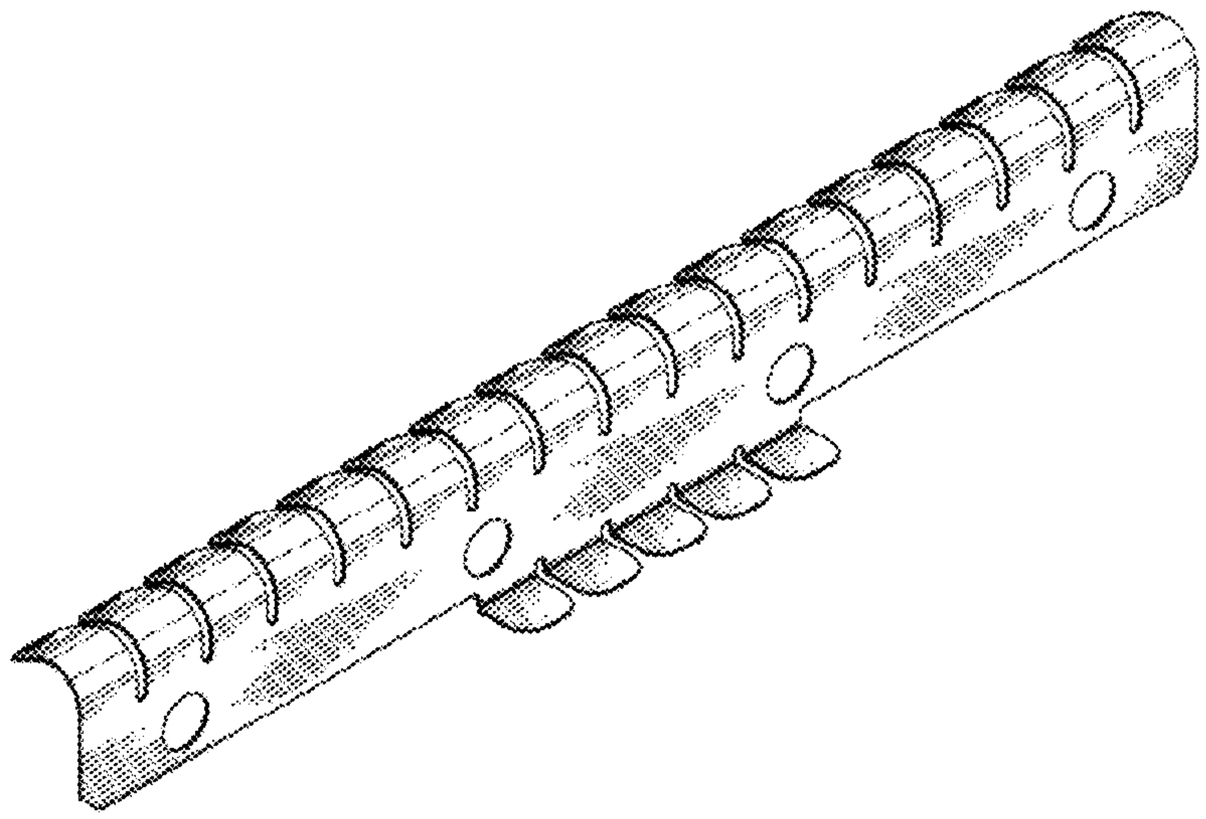
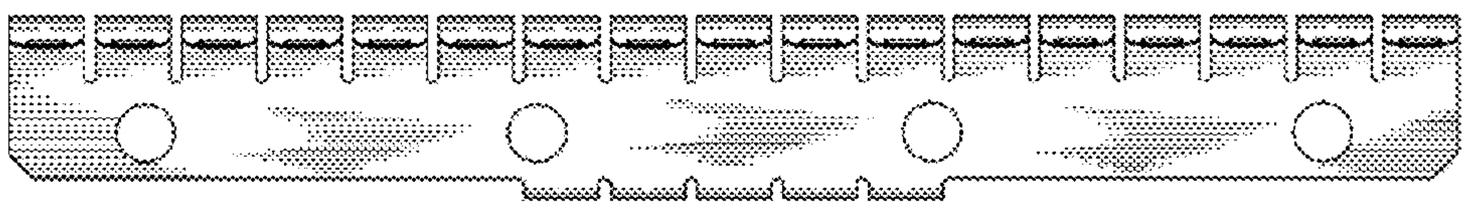


FIG. 17



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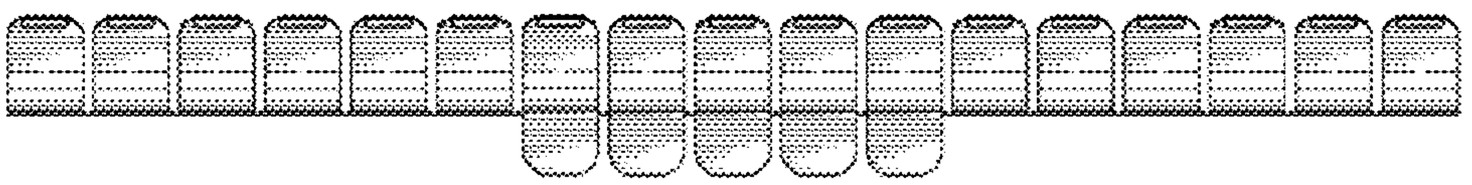

FIG. 19

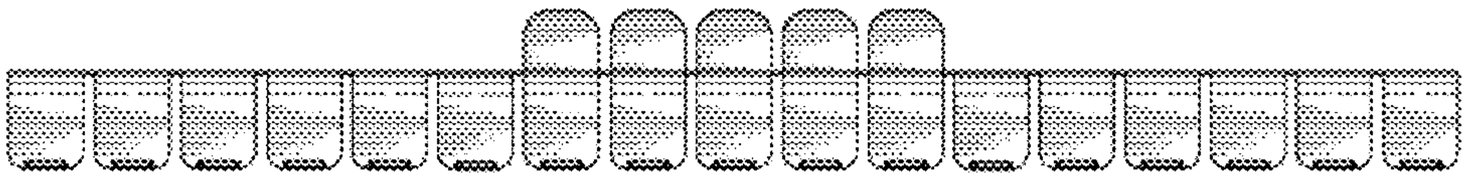

FIG. 20

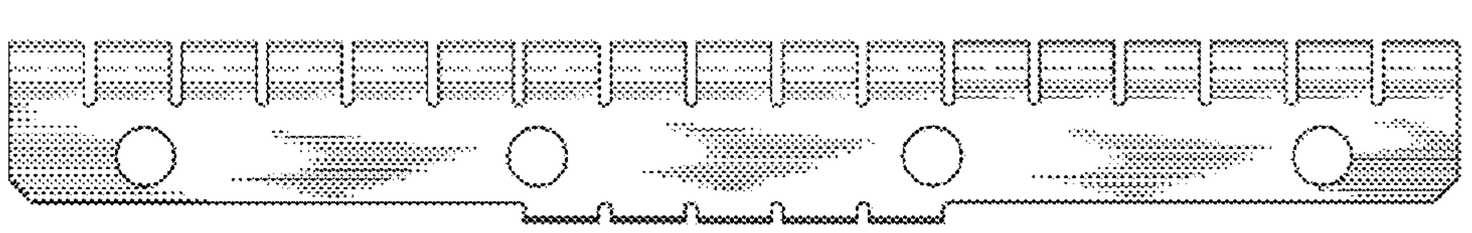

FIG. 21