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# (12) United States Design Patent

Ishibashi et al.

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(54) **CHUCK FOR INDUSTRIAL ROBOT**

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

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

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

(21) Appl. No.: **29/115,733**

(22) Filed: **Dec. 21, 1999**

(30) **Foreign Application Priority Data**

Jun. 21, 1999 (JP) ..... 11-16222

(51) **LOC (7) Cl.** ..... **15-09**
(52) **U.S. Cl.** ..... **D15/140**
(58) **Field of Search** ..... D15/140; 279/4.04; 294/88, 119.1; 901/37

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,944,326 * 8/1999 Ishibashi et al. ..... 279/4.04

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(57) **CLAIM**

The ornamental design for chuck for industrial robot, as shown and described.

**DESCRIPTION**

FIG. **1** is a top and left front perspective view of chuck for industrial robot showing our new design;

FIG. **2** is a bottom and right rear perspective view thereof;

FIG. **3** is a front elevational view thereof;

FIG. **4** is a left side elevational view thereof;

FIG. **5** is a right side elevational view thereof;

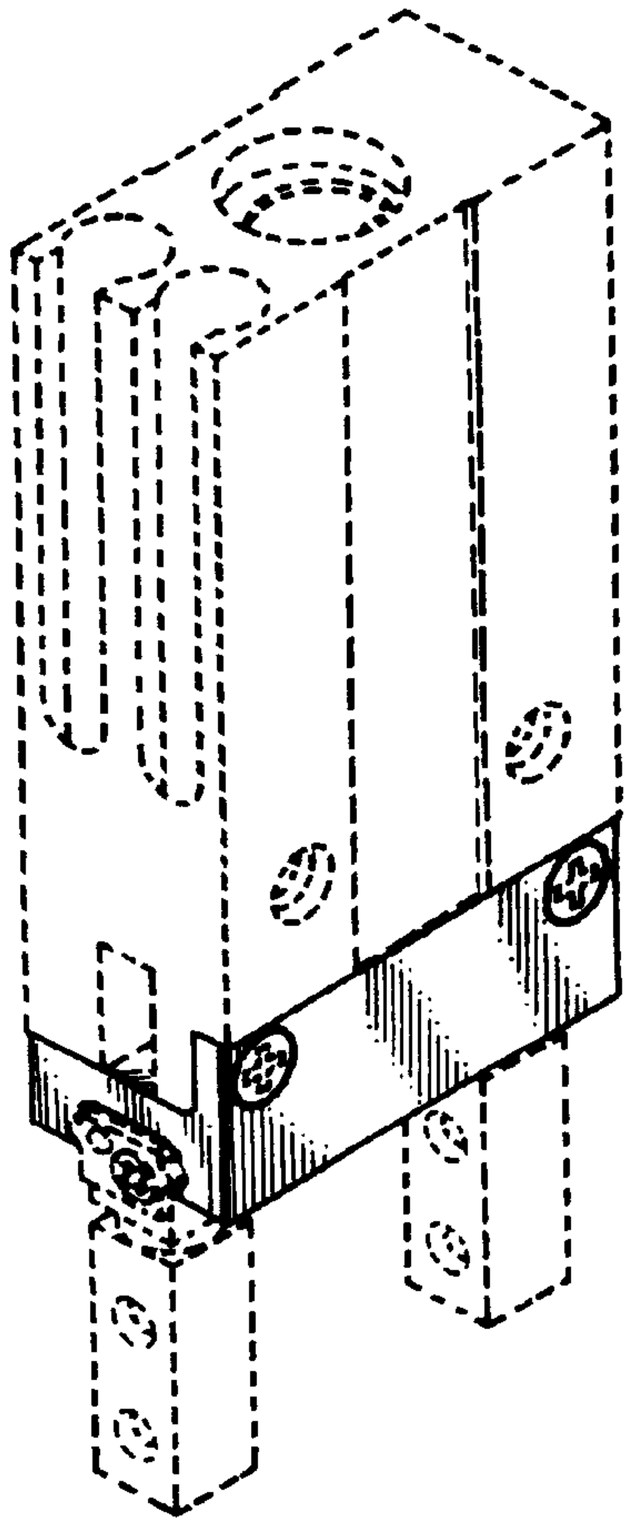
FIG. **6** is a rear elevational view thereof;

FIG. **7** is a top plan view thereof; and,

FIG. **8** is a bottom plan view thereof.

The phantom line showing in the figures is for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



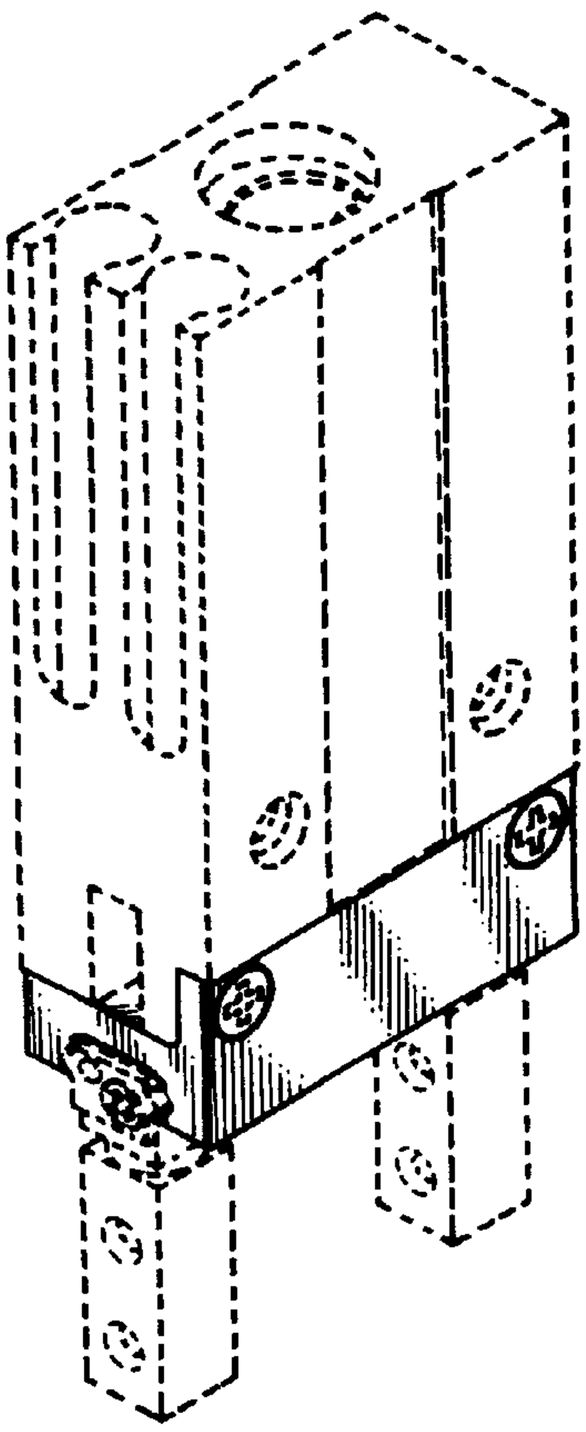


FIG. 1

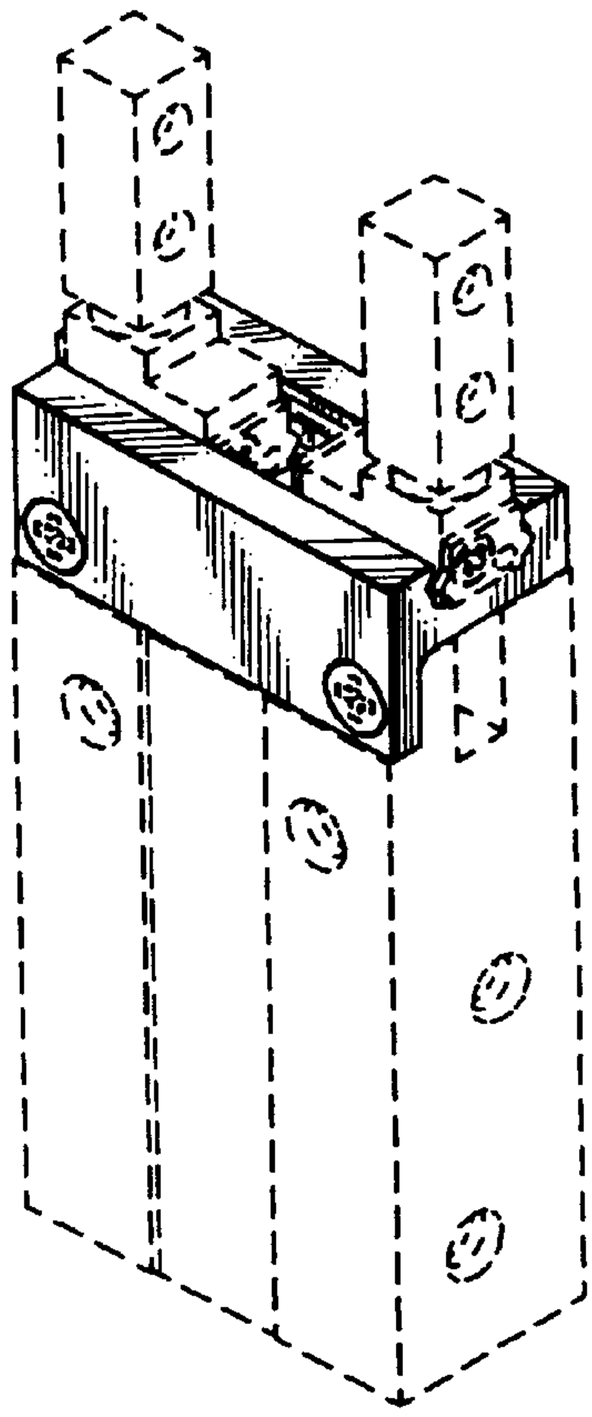


FIG.2

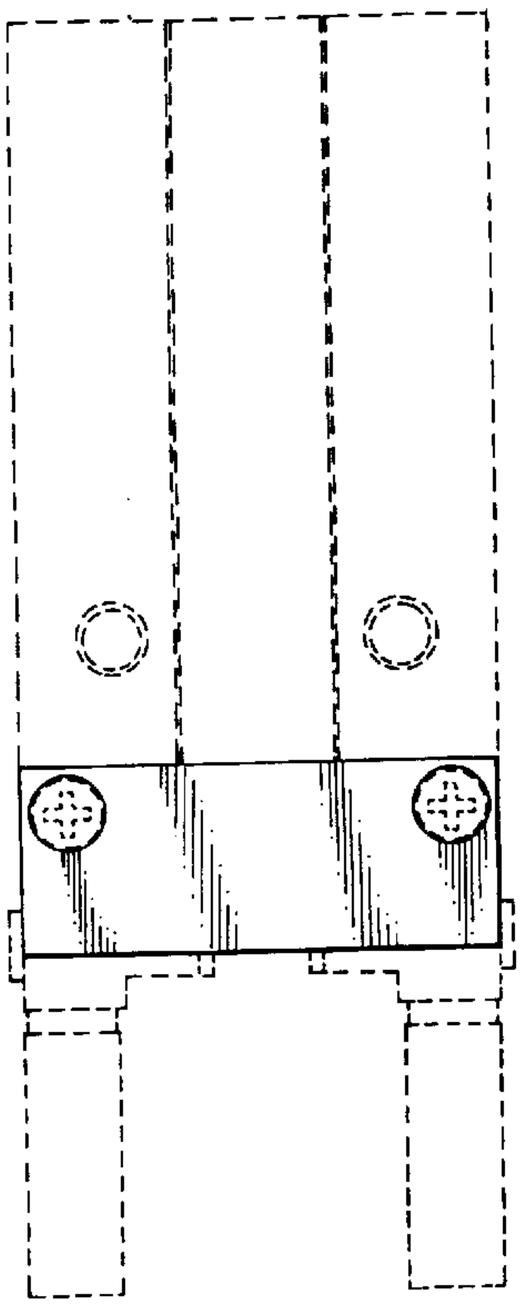


FIG.3

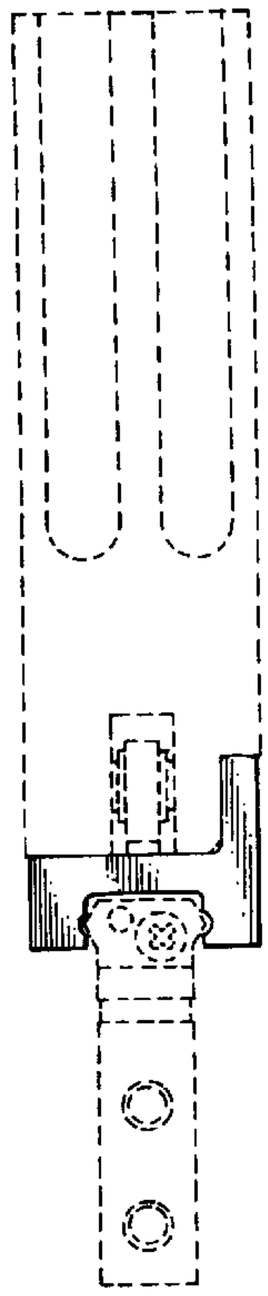


FIG.4

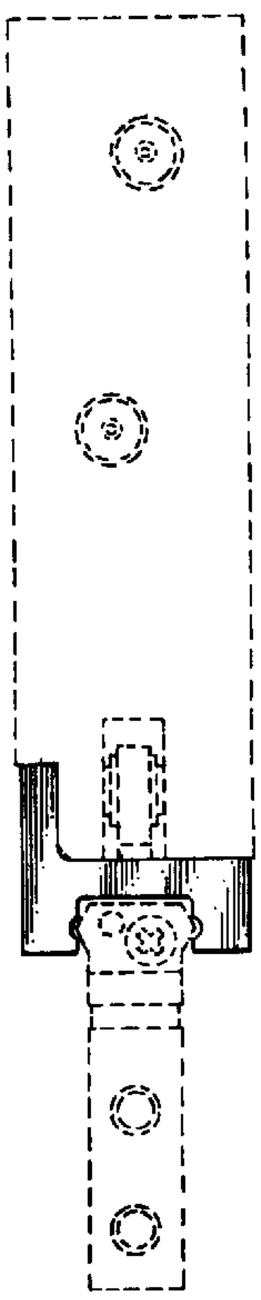


FIG. 5

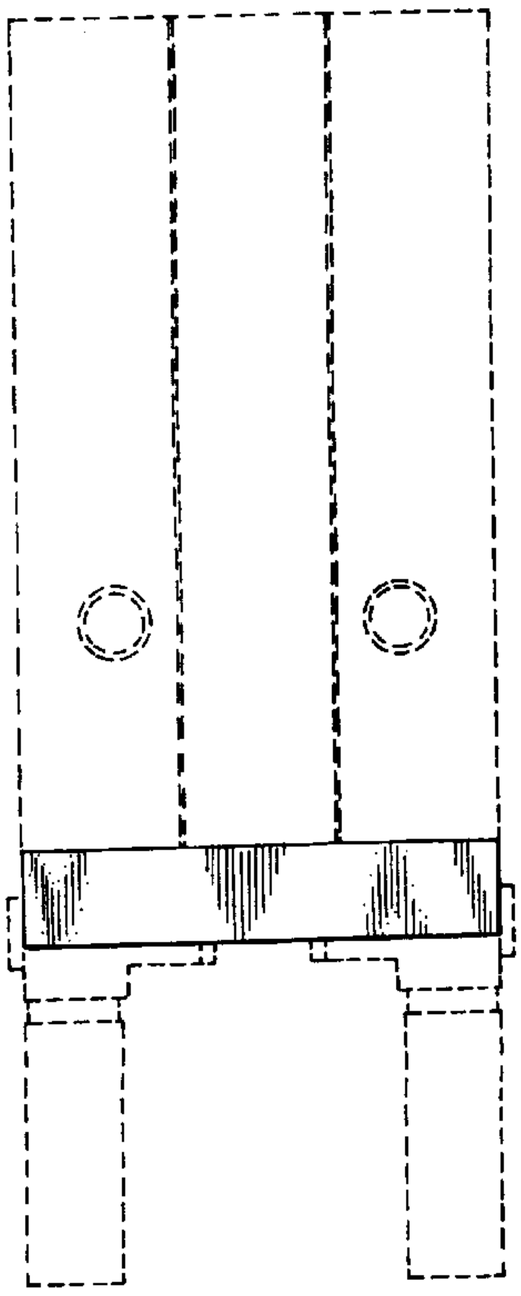


FIG. 6

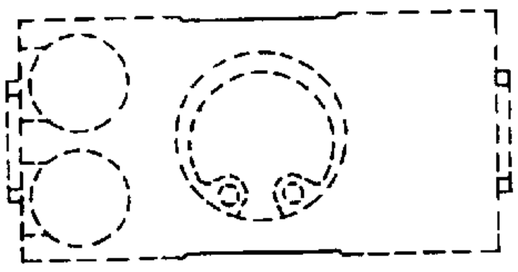


FIG. 7

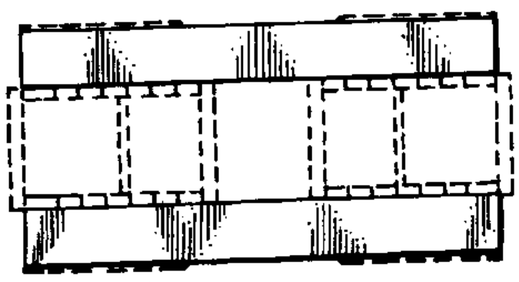


FIG. 8