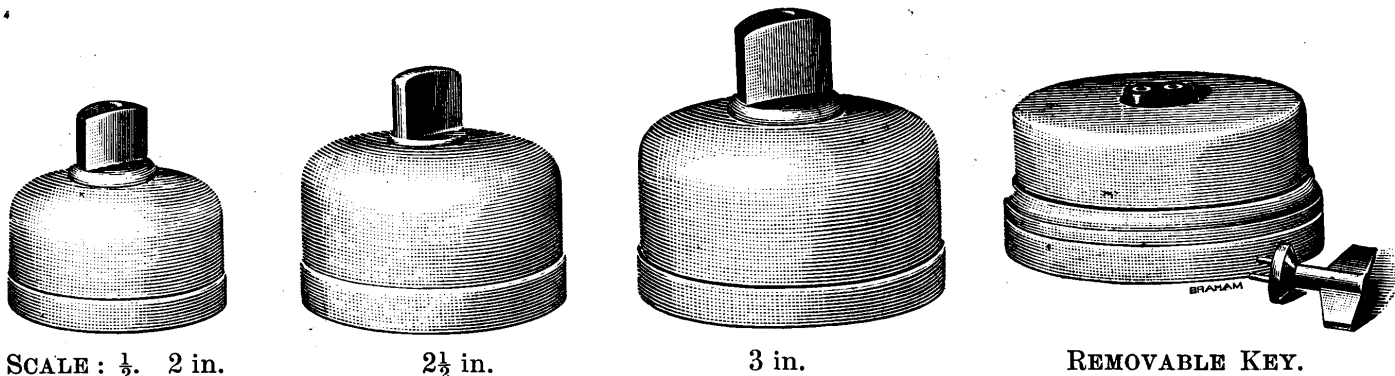


THE H.I. SYSTEM OF ELECTRIC FITTINGS.

**BRANCH SWITCHES** (Single Pole).

# THE BYNG SWITCH.

(CHINA BASE & COVER.)



SCALE :  $\frac{1}{2}$ . 2 in.

$2\frac{1}{2}$  in.

3 in.

REMOVABLE KEY.

Made in Cream, Black or Ornamental China on our H.I. System (no conducting metal parts at the back of base). This is a favorite low-priced Switch, with excellent rubbing contacts, with quick make and break, avoiding all arcing, and with backlash action. The current does not go through movable parts.

**Terminals.**—Set screw Terminals (called A Terminals) enabling the wiring to be done without bending the leads.

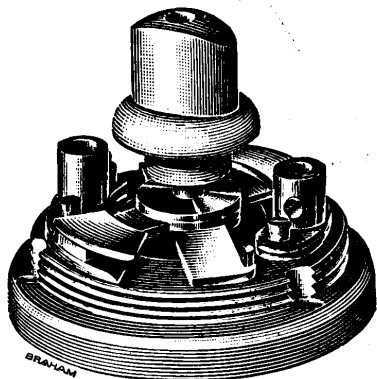
**Keys.**—We supply these Switches with three different keys :—

The *Locking Key*, which fixes the covers so that they cannot be removed without the aid of a screw-driver.

The *Fixed Key*, which permits the cover to be removed by unscrewing only.

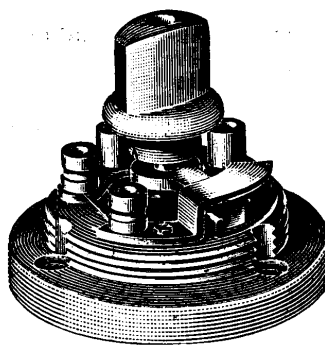
The *Removable Key*, which enables the key to be taken off.

The prices for Locking and Fixed Keys are the same. Unless ordered otherwise, Locking Keys will be supplied.



No. 1510-14.

**DOUBLE BREAK,  
WITHOUT CUT-OUTS.**



No. 1551-3.

**FORK BREAK,  
WITH CUT-OUTS.**

## PRICE OF REMOVABLE KEYS.

BYNG SWITCHES, made for Removable Keys, are supplied without Keys at the prices of Locking Key Switches, stated annexed.

Prices of Removable Keys alone are :

For Switches up to 3 in., 9d. each.

For Switches above 3 in., 1/6 each.

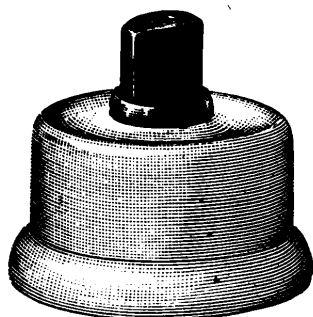
| CARRYING CAPACITY.                       | DIAMETER OF BASE.  | LIST No. | PRICE. | CARRYING CAPACITY. | DIAMETER OF BASE. | LIST No. | PRICE. |
|--|--------------------|----------|--------|--------------------|-------------------|----------|--------|
| 1-5 Amps.                                | $2\frac{1}{2}$ in. | 1510     | 2/9    |                    |                   |          |        |
| 5-10 "                                   | 3 "                | 1511     | 4/6    | 1-3 Amps.          | 2 in.             | 1551     | 2/3    |
| 10-20 "                                  | $3\frac{1}{2}$ "   | 1512     | 7/6    | 3-6 "              | $2\frac{1}{2}$ "  | 1552     | 2/9    |
| 20-30 "                                  | $4\frac{1}{2}$ "   | 1513     | 12/6   | 6-10 "             | 3 "               | 1553     | 4/6    |
| 30-50 " }<br>with Sweating<br>Terminals. | $4\frac{1}{2}$ "   | 1514     | 18/-   |                    |                   |          |        |

For prices of Ornamental Covers, see page 22.

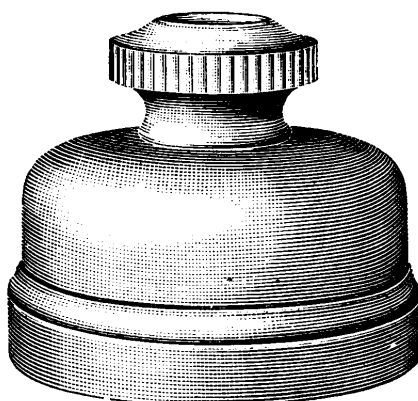
THE H.I. SYSTEM OF ELECTRIC FITTINGS.

# BRANCH SWITCHES (Double Pole).

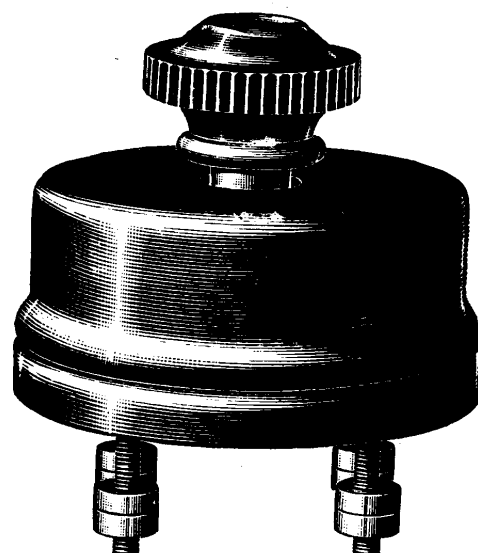
## THE BYNG DOUBLE POLE SWITCH.



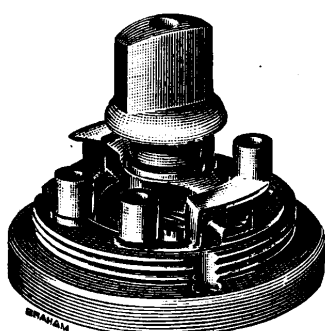
3 in.  
No. 1600



4 in.  
No. 1602

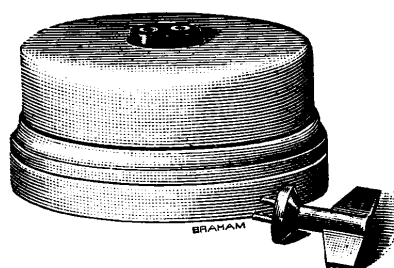


4½ in.  
No. 1604



SCALE: ½.

No. 1601



No. 1611

Removable Key.  
Removable Handle.

The type and construction of this Switch is practically the same as the Byng Single Pole Switch, with the exception of a strong solid fibre bar with Contact pieces at each end, well insulated from each other, which replaces the ordinary metal bar across. Of course there are four wire terminals, two for each pole.

### PRICES.

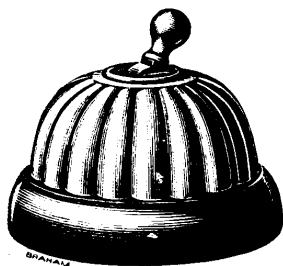
| Carrying Capacity.              | Diameter of Base. | Catalogue No. | Price With Fixed or Locking Key. | Extra for Case, with Glass Front | Catalogue No. | Price With Removable Key. |
|---------------------------------|-------------------|---------------|----------------------------------|----------------------------------|---------------|---------------------------|
| 1-5 amp.                        | 3 in.             | 1600          | 7/6                              | 5/6                              | 1611          | 8/-                       |
| 5-10 "                          | 3 "               | 1601          | 9/-                              |                                  | 1612          | 9/6                       |
| 10-20 "                         | 4 "               | 1602          | 12/6                             |                                  | 1613          | 14/-                      |
| 20-30 "                         | 4½ "              | 1603          | 20/-                             | 8/-                              | 1614          | 21/-                      |
| 30-50 " with Sweating Terminals | 4½ "              | 1604          | 28/-                             |                                  | 1615          | 28/-                      |

THE H.I. SYSTEM OF ELECTRIC FITTINGS.

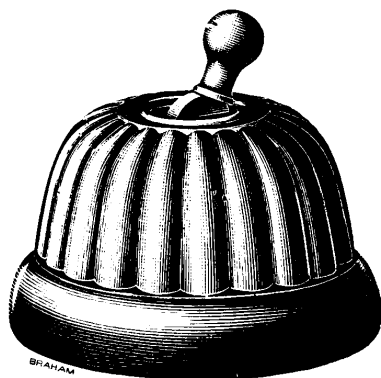
# BRANCH SWITCHES (Single Pole).

## THE LINK SWITCH.

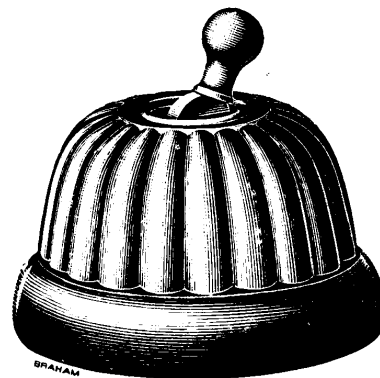
(Patent No. 3664.)



5 Amp.



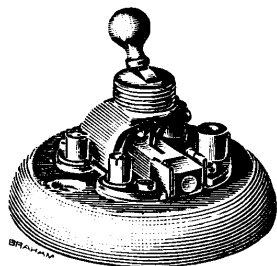
10 Amp.



20 Amp.

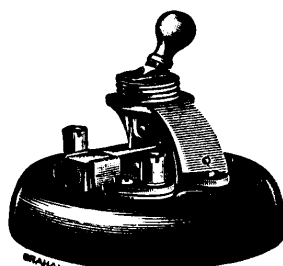
The unanimous approval and recommendation of our LINK SWITCH by Consulting Engineers, the Press and Contractors, and the ever increasing sale justifies us in calling it **the best Switch made**. The workmanship, design and finish are perfect, and its appearance is handsome. The contacts are of ample capacity and most perfect; its action does not depend solely upon spring power, is decided and quick "on" or "off"; heating or arcing is impossible. **Made on our H.I. principle**, with no conducting metal parts at back of base.

### PRICES.



No. 1651-1653.

| Carrying Capacity up to | Diameter of Base. | List No. | With Brass Bronzed or Nickel Cover. |
|-------------------------|-------------------|----------|-------------------------------------|
| 5 amp.                  | 2½ in.            | 1651     | 3/6                                 |
| 10 "                    | 3 "               | 1652     | 6/6                                 |
| 20 "                    | 3½ "              | 1653     | 10/0                                |



No. 1656-1657.

| WITH CUT-OUTS.     |                   |          |                                      |
|--------------------|-------------------|----------|--------------------------------------|
| Carrying Capacity. | Diameter of Base. | List No. | With Brass, Bronzed or Nickel Cover. |
| 5 amp.             | 2½ in.            | 1656     | 4/6                                  |
| 10 "               | 3 "               | 1657     | 7/6                                  |

### ORNAMENTAL COVERS.

The prices quoted below for Ornamental Covers are extra charges, and are to be added to the prices of the plain Switches.

|        |         |         |
|--------|---------|---------|
| 5 amp. | 10 amp. | 20 amp. |
|--------|---------|---------|

Silver Plated, Oxidised, etc.

|     |     |     |
|-----|-----|-----|
| 1/0 | 1/6 | 2/0 |
|-----|-----|-----|

Gold Plated.

|     |     |     |
|-----|-----|-----|
| 1/6 | 2/0 | 2/6 |
|-----|-----|-----|

Heavy Cast Cover,  
Richly Chased.

(For Illustrations, see page 22).

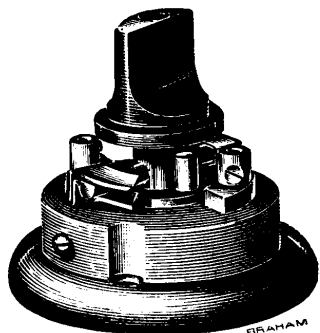
|      |      |      |
|------|------|------|
| 20/0 | 25/0 | 30/0 |
|------|------|------|

SCALE : ½.

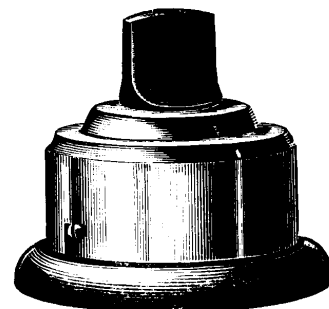
# CYCLE SWITCH.

**PREECE-WILLMOT PATENT.**

SCALE :  $\frac{1}{2}$ .



These Switches are manufactured by us under license from Messrs. W. H. PREECE and WILLMOT (of the G.P.O.), and are extensively used in the installation at St. Martins-le-Grand, Mount Pleasant and other Post and Telegraph Offices. These Switches, having large contact bars and plenty of metal, can be relied upon not to heat with even double the current they are specified to carry. The "on and off" action being very decided, they cannot be left in any intermediate position, and meet a want felt for a

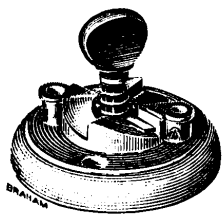


thoroughly reliable Switch for public institutions, &c. They are mounted on porcelain, and comply in every respect with the latest requirements of a sound Switch.

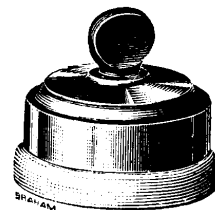
| CARRYING CAPACITY. | DIMENSIONS AT BASE. | DESCRIPTION.                          | LIST NO. | CHINA BASE, BRASS OR BRONZE COVER. |
|--------------------|---------------------|---------------------------------------|----------|------------------------------------|
| 1-5 Lights         | 3 in.               | Double Break, without Cut-outs ... .. | 1671     | 6/6                                |
| 5-10 "             | 3½ "                | Do. do. ... ..                        | 1672     | 8/-                                |

# PERCIVAL SWITCH.

**Patent No. 949.**



We are introducing this Switch to effectually meet foreign competition for a cheap Switch. We wish to draw the attention of the trade to the fact that we are the Proprietors of the Master Patents of this or any other similar pattern of Switch. Anyone infringing our patent renders himself liable to the consequences.



| CARRYING CAPACITY. | DIMENSIONS AT BASE. | DESCRIPTION.                                   | LIST NO. | CHINA BASE, BRASS OR BRONZE COVER. |
|--------------------|---------------------|--|----------|------------------------------------|
| 1-3 Lights         | 2¼ in.              | Double Break, Moving One Direction only ... .. | 1675     | 1/9                                |
| 3-6 "              | 3 "                 | Do. do. do. ... ..                             | 1676     | 3/-                                |