

IMPORTANT  
TO GAUGE  
18-550

TIME IN	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1							
2							
3							
4							
5							
6							
1							
2							
3							
4							
5							
6							

0. SHAVED  
HOUR  
1/2 DAY

4 1/2

1105 ONE COLOUR WATCHMANS CLOCK CHARTS. 7/17539 B.

DATE: -1 APR 1941

DRAWING D5919

SCALE: FULL SIZE

DRAWN BY: J. H. H.

TRACED BY: J. H. H.

CHECKED BY: J. H. H.

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LEICESTER, ENGLAND

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ORDER NO.

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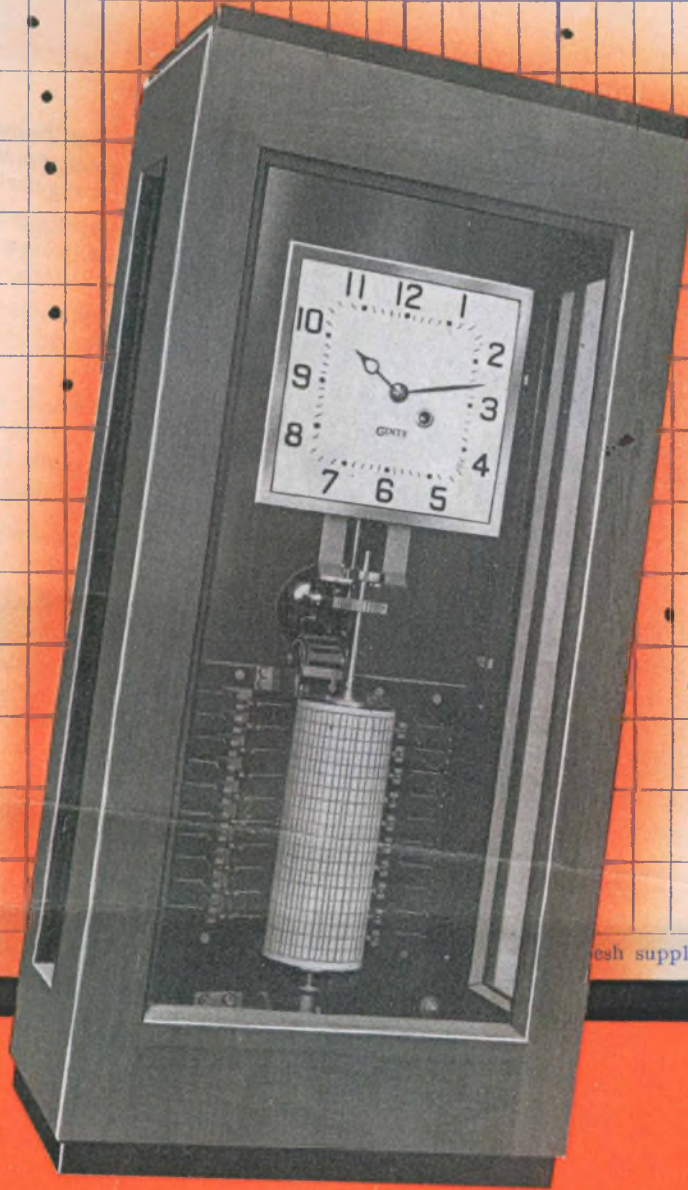
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Stores	249
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Accountant's Office	228
Mktg. Controller	223
Stores	211
"	214
"	213
sterilizing plant	111
Landing 4th Flr. M. Wks.	
Conference	217
Buyer's Office	231
Stores Office Block 3rd Floor	207



esh supplies quote C.L. 218/Y2237

*A*  
**POINT-TO-POINT CHECK  
 ON NIGHT-PATROL STAFF....**

### WIRING

Sketch below shows the simplicity of the wiring. One lead from each contact box is led back to the Clock and a common feed, linking in each contact, connected to the supply. The other supply lead goes direct to the Clock.

### MODELS AVAILABLE

Two main types are available. The single chart-

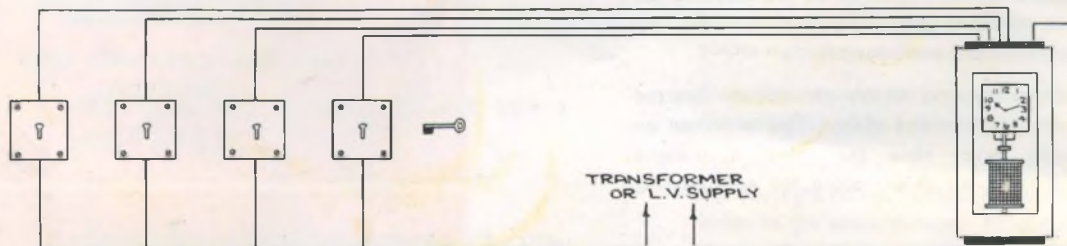
barrel type as illustrated on the front page of this leaflet is made to accommodate either 10, 20, 30 or 40 points.

Twin Chart-barrel type is supplied to check either 60, 80 or 100 points.

### Reference Numbers:—

Single Barrel type, **Fig. 4770**

Twin Barrel type, **Fig. 4771**



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OUR TELEPHONE NUMBER  
HAS BEEN CHANGED TO  
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... WITH THE

**GENTS'**  
OF LEICESTER

**WATCH**



## EXCLUSIVE FEATURES:



**ALL PATROL POINTS MUST  
BE VISITED TO COMPLETE THE  
RECORD . . .**



**RECORDING CLOCK NEVER SEEN  
BY PATROL . . .**



**TAMPERING WITH EITHER CLOCK  
OR RECORD IS THEREFORE  
IMPOSSIBLE . . .**



**ONE CLOCK CAN CHECK UP  
TO 100 POINTS . . .**



**CLOCK CAN BE EITHER ELECTRIC  
IMPULSE OR 8-DAY MECHANICAL**



## TELLS AT A GLANCE:



**ALL PATROL POINTS VISITED**



**EXACT TIME OF VISITS**



**ALL POINTS NOT VISITED**

Hospitals, mental homes, prisons and similar institutions have found one of the problems which had to be overcome was to maintain an efficient and regular patrol.

It was to solve this problem that the Gents' Tell-Grave increase in "breaking and entering" and rising costs of security undertakings have also found it wise to maintain a regular patrol.

Here, again, the same problem arises. How can a regular patrol be laid down? The complete answer will be found in the Gents' Tell-Grave.

### THE SYSTEM

Electrical Contacts, operated by means of a key, are installed about the Establishment at the particular points night duty staff are required to visit.

Each of these contact boxes is connected back to a Recording Clock by a simple wiring System.

The night watchman, nurse, or other person carrying out the night patrol, carries one key only which fits all boxes in the establishment. To complete the record chart, all patrol points must actually be visited and the contact boxes operated by means of the key.

The clock itself need never be approached and may, if desired, be in some place inaccessible to the patrol staff.

At the end of the patrol period, a complete charted record of the points visited, and the times they were visited, is available for examination and investigation of any default.

### THE CLOCK

This is of the highest quality, in an attractive polished hardwood case of modern design.

Where an Electric Impulse System of Clocks is already in existence the recording clock can be fitted with an Electric Impulse movement and incorporated in this system.

Where a mechanical clock is required, a best quality English 8-day pendulum movement is fitted.

### RECORDING MECHANISM

The recording mechanism consists of a series of markers (one for each contact box) associated with a chart carried on a vertical drum. The drum is driven by the clock mechanism and can be arranged to take charts covering 12, 24, 48 or 72 hour periods.

**ADOPTED AS STANDARD EQUIPMENT**

# MAN'S TELL-TALE CLOCK . . . .

tutions have long employed patrolling night staff and was to make sure that the patrols were carried out

ale Clock was first evolved but, of recent years, with a ng premiums for insurance against fire, many industrial a night patrol.

ou be sure that the night watchman is maintaining the ound in the system described below.

Thus, the closing of the circuit by the operation of a contact box causes the chart to be marked, and the position of the mark shows the location of the box and the exact time it was operated.

The marking agent is a dry-ink ribbon inserted between the markers and chart. This is moved on automatically every time the chart is changed ensuring a clear and clean record for each ensuing period.

## CONTACT BOXES AND KEYS

Figs. 4786 and 4791 on the right are similar in operation. They are both fitted with substantial contact springs, which are closed when key is turned.

Fig. 4786 is fitted in a rectangular cast metal case with bronzed front-plate. This type can be supplied for surface or flush fixing with  $\frac{3}{4}$ " conduit entry at top or bottom.

Fig. 4791 is suitable for surface fixing only. Case is of cast metal with front secured by triangular headscrews. Specially suitable for industrial installations. Tapped  $\frac{3}{4}$ " conduit at bottom.

Fig. 4785 is push-button operated, the push being contained in a polished hardwood cabinet with hinged front fitted with a lock and key. This type was devised primarily for mental homes, schools and places where contact boxes may be subject to interference by irresponsible persons.

## POWER SUPPLY

As described above, the Clock Movement can be either Electric Impulse or mechanical. The recording mechanism is operated electrically by means of a battery or trickle charged accumulators. If A.C. Mains supply is available during the period of patrol, a transformer giving 24 volts 50 cycles may be used.



FIG. 4786 CONTACT BOX  
FLUSH FIXING



FIG. 4791 CONTACT BOX  
CAST-METAL, SURFACE PATTERN

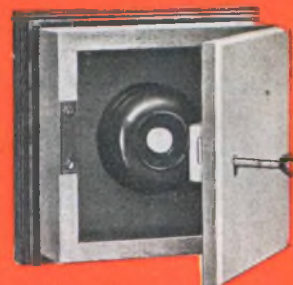


FIG. 4785  
LOCK-UP CONTACT BOX

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