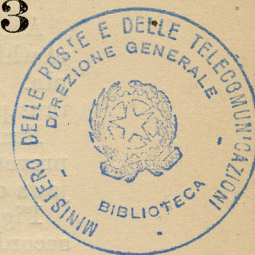


N° 19,015



A.D. 1903



Date of Application, 3rd Sept., 1903

Complete Specification Left, 3rd June, 1904—Accepted, 7th July, 1904

PROVISIONAL SPECIFICATION.

**"Improvements in Contacts especially suitable for Induction Coils."**

We, MARCONI'S WIRELESS TELEGRAPH COMPANY, LIMITED, and EDWARD PRIDDLE, Electrician, all of 18 Finch Lane, in the City of London, do hereby declare the nature of this invention to be as follows:—

5 Contacts for induction coils and the like are usually made adjustable being carried by a screw which can be locked in any position by a lock nut.

In cases where there is much vibration as for example with coils employed on motor cars such an arrangement is objectionable.

10 According to this invention the contact is carried by a pivotted arm the end of which is slotted to receive a pin eccentrically fixed to the end of a screw or pin. By turning the screw or pin therefore the arm is moved about its pivot.

Preferably the screw or pin works between spring jaws which grip it and tend to prevent it from turning and it may be further secured by a screw by which the jaws can be forced together.

Dated this Third day of September 1903

15

MARCONI'S WIRELESS TELEGRAPH COMPANY,  
LIMITED,

S. FLOOD PAGE,  
HENRY S. SAUNDERS,  
Directors.

20

HENRY W. ALLEN,  
Secretary.

EDWARD PRIDDLE.

COMPLETE SPECIFICATION.

**"Improvements in Contacts especially suitable for Induction Coils."**

25 We, MARCONI'S WIRELESS TELEGRAPH COMPANY, LIMITED, and EDWARD PRIDDLE, Electrician, all of 18 Finch Lane, in the City of London, do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in and by the following statement:—

30 Contacts for induction coils and the like are usually made adjustable being carried by a screw which can be locked in any position by a lock nut.

In cases where there is much vibration as for example with coils employed on motor cars such an arrangement is objectionable owing to the tendency the vibration has of loosening the lock nut, and so altering the adjustment.

~~[Price 8d.]~~

PRICE 6d.



*Improvements in Contacts especially suitable for Induction Coils.*

According to this invention the contact is carried by a pivotted arm the end of which is slotted to receive a pin eccentrically fixed to the end of a screw or pin. By turning the screw or pin therefore the arm is moved about its pivot, thus permitting a fine adjustment, that will not be altered by violent vibrations.

Preferably the screw works between spring jaws which grip it and tend to prevent it from turning and it may be further secured by a screw by which the jaws can be forced together. 5

Figure 1 is a side elevation and Figure 2 a plan of a contact constructed according to this invention.

$a$  is the base,  $b$  the terminals and  $c$  is one of the contacts which is carried by the spring  $c^1$ — $d$  is the other contact carried by the spring  $d^1$  which is fixed to the arm  $c$  (Figure 3). This arm is pivotted at  $e^1$  and is slotted at  $e^2$  to receive a pin  $f^1$  fixed eccentrically to the end of the screw  $f$ . The screw  $f$  works between spring jaws  $g$  (Figure 4). 10

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:— 15

1. A contact carried by a pivotted arm slotted to receive a pin which can be moved eccentrically substantially as described.

2. Contacts substantially as described and illustrated in the drawings. 20

Dated this 3rd day of June 1904.

MARCONI'S WIRELESS TELEGRAPH Co. LD.

By Carpmael & Co.

Agents for the Applicants.

EDWARD PRIDDLE. 25

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[Wt. 25—50/11/1907.]



(2<sup>nd</sup> Edition)

Fig. 1.

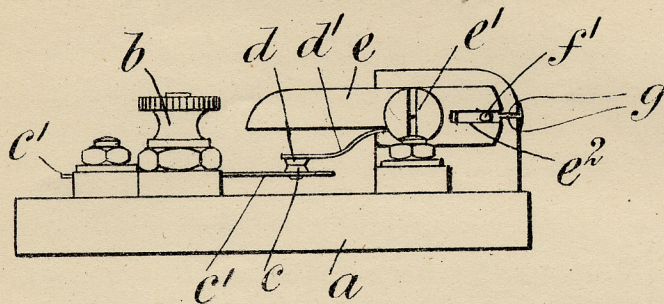


Fig. 2.

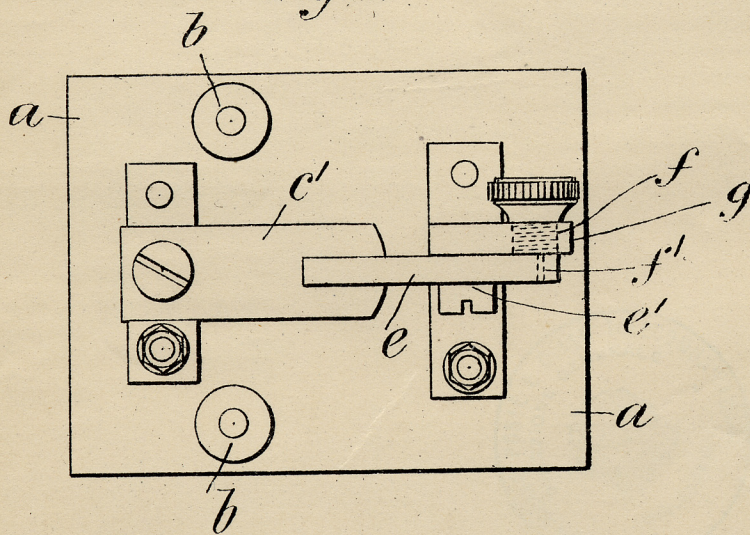


Fig. 3.

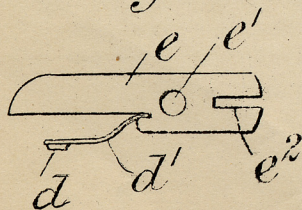


Fig. 4.

