

PATENT SPECIFICATION

(11)

1 404 702

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- (21) Application No. 54363/73 (22) Filed 22 Nov. 1973
 (31) Convention Application No. 7 245 012 (32) Filed 8 Dec. 1972 in
 (33) Germany (DT)
 (44) Complete Specification published 3 Sept. 1975
 (51) INT. CL.³ G03B 17/00 // 17/04
 (52) Index at acceptance
 G2A 401 403 452 457 476 687 DA



(54) ROLL FILM CAMERA

- (71) We, FRANKE & HEIDECKE G.M.B.H., a German Body Corporate, trading as ROLLEI-WERKE FRANKE & HEIDECKE, of 196 Salzdhumerstrasse, Braunschweig, Germany, do hereby declare the invention, for which we pray that a patent may be granted to us and the method by which it is to be performed, to be particularly described in and by the following statement:—
- 10 The present invention relates to a roll film camera with a housing which can be extended on the telescopic principle in order to render the camera ready for use.
- The present invention may enable the operating battery of the camera to be switched on and off in a particularly simple and reliable manner.
- According to the present invention there is provided a roll film camera comprising a two part telescopic housing, a battery positioned in one housing part having its terminals normally in contact with a first contact mounted on said housing part and a spring biased second contact and an insulating plate positioned in said one housing part adjacent said battery and having a portion thereof extending into the path of telescopic movement of the other housing part, the arrangement being such that telescopic movement of the housing parts relative to each other in a closing direction causes the insulating plate to lift the battery off said first contact against the force of said spring biased second contact.
- 35 A constructional embodiment of the present invention will now be described, by way of example, with reference to the accompanying drawing, wherein:—
- Figure 1 is a section through that part of the camera which contains the battery, shown in the position in which the camera is ready for use and the battery switched on;
- Figure 2 is the corresponding view with the battery switched off; and
- 45 Figure 3 is a section in the plane AA of
- [Price 33p]

Figure 1.

A battery 1 is situated in the right-hand housing part 6 of the camera, which can be combined telescopically with the other housing part 5. The battery 1 is situated between an earth contact pin 2 and an insulated contact pressure spring 3. An insulating plate in the form of a rocker 4, rests by means of a lug 7 formed on an edge of the rocker 4 on an inner panel 8.

The other side of the rocker 4 passes around an edge 9 of the inner panel 8 where it extends by means of an angle shaped extension 10 into a slot 11 of the housing part 6. The earth contact pin 2 extends through an aperture 12 in the rocker 4. When the two housing parts 5 and 6 are pushed together the edge of one housing part 5 presses on the extension 10 and moves the latter in the slot 11, so that the rocker 4 is pivoted about the lug 7, the battery thus being lifted off the contact pin 2. This ensures that when the camera is moved into the position for use or when it is not to be used the battery 1 will be automatically connected or disconnected respectively.

WHAT WE CLAIM IS:—

1. A roll film camera comprising a two part telescopic housing, a battery positioned in one housing part having its terminals normally in contact with a first contact mounted on said housing part and a spring biased second contact and an insulating plate positioned in said one housing part adjacent said battery and having a portion thereof extending into the path of telescopic movement of the other housing part, the arrangement being such that telescopic movement of the housing parts relative to each other in a closing direction causes the insulating plate to lift the battery off said first contact against the force of said spring biased second contact.

2. A roll film camera as claimed in Claim 1 wherein the insulating plate is provided

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20 According to the present invention there is provided a roll film camera comprising a two part telescopic housing, a battery positioned in one housing part having its terminals normally in contact with a first contact mounted on said housing part and a spring biased second contact and an insulating plate positioned in said one housing part adjacent said battery and having a portion thereof extending into the path of telescopic movement of the other housing part, the arrangement being such that telescopic movement of the housing parts relative to each other in a closing direction causes the insulating plate to lift the battery off said first contact against the force of said spring biased second contact.

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2. A roll film camera as claimed in Claim 1 wherein the insulating plate is provided



with a hole through which said first contact, in the form of a pin, normally extends to contact the associated terminal of the battery.

- 5 3. A roll film camera substantially as herein before described with reference to and as illustrated in the accompanying drawings.

For the Applicants,

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Printed for Her Majesty's Stationery Office by The Tweeddale Press Ltd., Berwick-upon-Tweed, 1975.
Published at the Patent Office, 25 Southampton Buildings, London, WC2A 1AY, from which copies may be obtained.

