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71) Applicant: OMRON TATEISI ELECTRONICS CO. 10, Tsuchido-cho Hanazono Ukyo-ku Kyoto 616(JP)

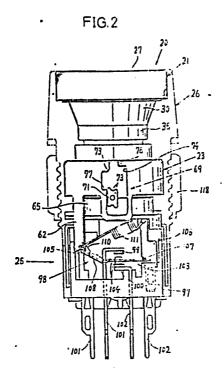
- (2) Inventor: Honda, Sueaki c/o Omron Tateisi Electronics Co. (Patent Center) Shimo-Kaiinji Nagaokakyo-Shi Kyoto(JP)
- inventor: Hayashi, Mitsuji c/o Omron Tateisi Electronics Co. (Patent Center) Shimo-Kaiinji Nagaokakyo-Shi Kyoto(JP)
- (72) Inventor: Kiyono, Yasuhiro c/o Omron Tateisi Electronics Co. (Patent Center) Shimo-Kaiinji Nagaokakyo-Shi Kyoto(JP)
- Inventor: Niwa, Takashi c/o Omron Tateisi Electronics Co. (Patent Center) Shimo-Kaiinji Nagaokakyo-Shi Kyoto(JP)
- 72) Inventor: Hayakawa, Tomohiko c/o Omron Tateisi Electronics Co. (Patent Center) Shimo-Kaiinji Nagaokakyo-Shi Kyoto(JP)
- (74) Representative: WILHELMS, KILIAN & PARTNER Patentanwälte et al, Eduard-Schmid-Strasse 2 D-8000 München 90(DE)

94 Push-button switch.

(57) A switch (20) in which a switch unit (25) is constituted by situating the free end of a first movable member (103) disposed with a contact (104) between stationary contacts (99/100) opposing to each other along the vertical direction, while engaging the other end of the movable member to a fixed portion (106), pivoting one end of a second movable member (108) to the free end of the first movable member while engaging a spring (111) to the other end of the second movable member, thereby biasing the contact of the first movable member to one of the stationary contacts, and setting the other end of the second movable member to a switch operation portion (62), as well as a switch wherein a housing (26), which enhouses a push button unit (21) containing an illumination unit, a socket unit to be connected to the illumination unit and a plunger to be connected to the push button switch, contains to secure the switch mechanism at the lower open-

(57) A switch (20) in which a switch unit (25) is constituted by situating the free end of a first movable member (103) distant the switch operation portion.

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DOCUMENTS CONSIDERED TO BE RELEVANT								
Category	Citation of document with indication, where appropriate of relevant passages		priate,			CLASSIFICATION OF THE APPLICATION (Int. Ci.4)		
x	US-A-3 105 887 SR. et al.) * column 4, line line 30; figures	53 - colur		1	H (01 H	I 13/02	
Α	US-A-4 431 879 al.) * complete docum		et	1-12				
A	GB-A-2 108 765 (ELEKTRO-APPARAT * abstract; figu		AG)	8,9,13				
A	US-A-3 691 333 * column 2, li line 21; figures	ne 47 - col	47 - column 3,			TEOUL	ICAL EIEL DC	
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