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Viinikanoja et al.

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(54) MOBILE TERMANAL DEVICE HAVING **CAMERA SYSTEM**

(76) Inventors: **Jarkko Viinikanoja**, Tampere (FI); Jukka Yrjanainen, Ylojarvi (FI)

> Correspondence Address: ANTONELLI TERRY STOUT AND KRAUS **SUITE 1800** 1300 NORTH SEVENTEENTH STREET **ARLINGTON, VA 22209**

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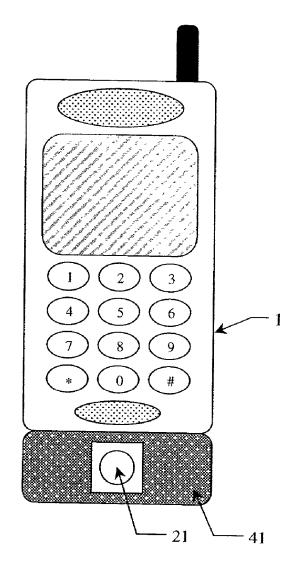
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(57) **ABSTRACT**

The present invention is a camera system which is usable with a mobile terminal. The camera system includes a lens module and at least one mechanism for changing optical properties by interacting with the lens module. The camera system may be built into the mobile terminal or attached thereto as an external module.





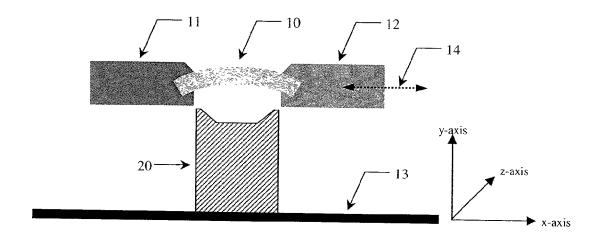


Fig. 1

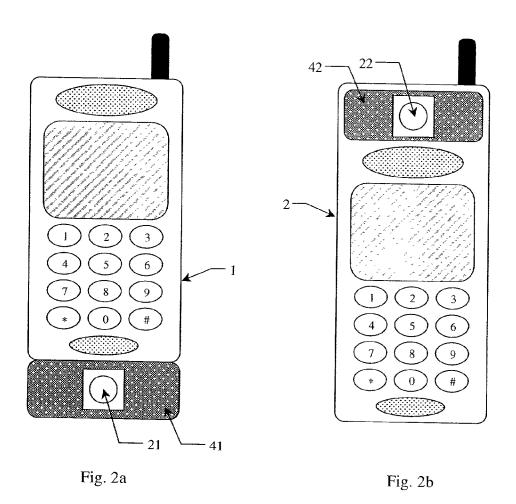


Fig. 2c

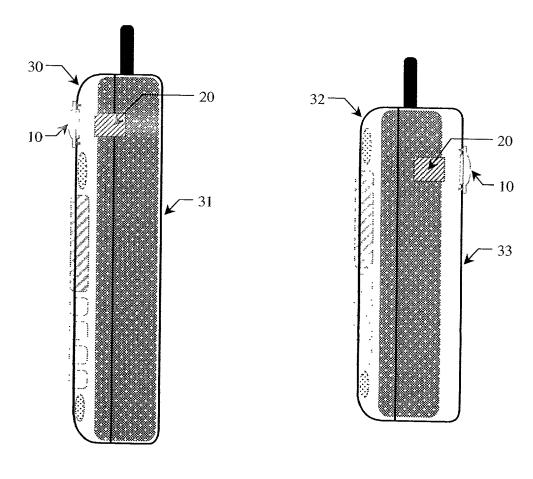


Fig. 2d

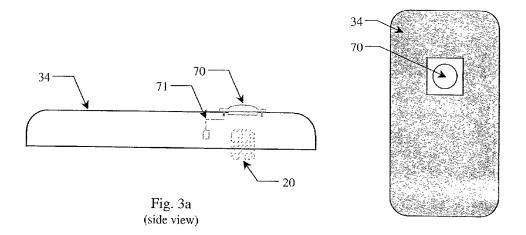


Fig. 3b (back view)

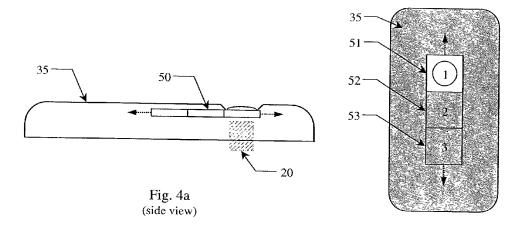


Fig. 4b (back view)

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