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- (71) Applicant: ORELL FÜSSLI SICHERHEITSDRUCK
AG [CH/CH]; Dietzingerstrasse 3, CH-8003 Zürich (CH).
- (72) Inventors: EICHENBERGER, Martin; Wybüelstrasse 8,
CH-8702 Zollikon (CH). SAUTER, Dieter; Überland-
strasse 24, CH-8953 Dietikon (CH).
- (74) Agent: E. BLUM & CO. AG; Vorderberg 11, CH-8044
Zürich (CH).
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(54) Title: SECURITY DOCUMENT WITH MICROPERFORATIONS

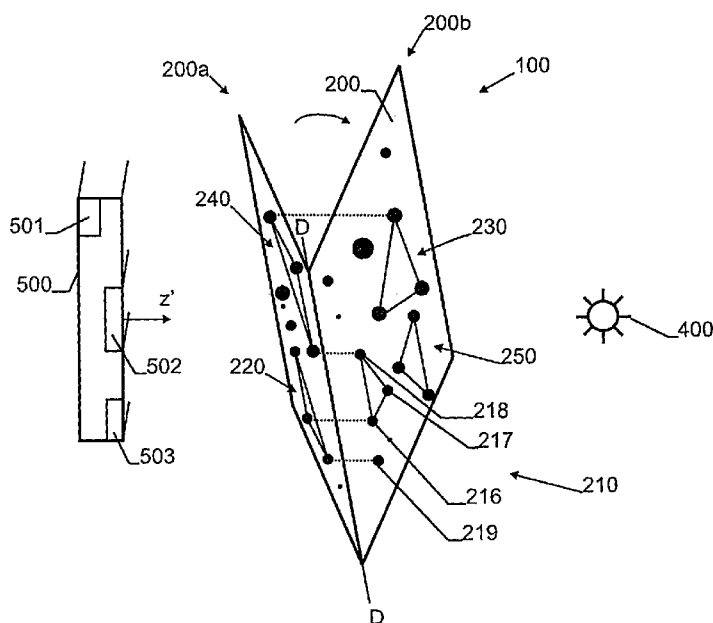


Fig. 6

(57) Abstract: A method for verifying the authenticity of a security document (100) by means of a camera-equipped cellphone (500) comprises steps of acquiring a transmission mode image and a reflection mode image of the security document (100). Transmitted light through a plurality of perforations (211, 212, 213) in a substrate (200) of the security document (100) is evaluated by means of the cellphone (500). Then, a relative positioning of the perforations (211, 212, 213) with respect to a printed security features is determined, and the security document (100) is considered "authentic" if the determined positions and the acquired images substantially correspond to pre-stored "templates" for the security document (100). The perforations (211, 212, 213) are structured such that they are not visible to the naked eye of a human observer which makes it harder to counterfeit the security document.