



- (51) **International Patent Classification:**
G01N 21/90 (2006.01)

(21) **International Application Number:**
PCT/IB2012/052683

(22) **International Filing Date:**
29 May 2012 (29.05.2012)

(25) **Filing Language:** Italian

(26) **Publication Language:** English

(30) **Priority Data:**
BO2011A000319 1 June 2011 (01.06.2011) IT
BO2011A000365 23 June 2011 (23.06.2011) IT

(71) **Applicant (for all designated States except US):** **SWISS-LOG ITALIA S.p.A.** [IT/IT]; Via Vittor Pisani, 20, I-20124 Milano (MI) (IT).

(72) **Inventors; and**

(75) **Inventors/Applicants (for US only):** **NATALI, Luca** [IT/IT]; Via Provinciale Cotignola 2/1, I-48022 Lugo (RA) (IT). **SPAGNA, Lorenzo** [IT/IT]; Via E. Mattei, 28, I-42016 Guastalla (IT). **ESTE, Flavio** [IT/IT]; Via Trasimeno, 44, I-35030 Selvazzano Dentro (PD) (IT).

(74) **Agent:** **PROVVISIONATO, Paolo**; c/o Provvisionato & Co S.r.l., Piazza di Porta Mascarella, 7, I-40126 Bologna (BO) (IT).

(81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*

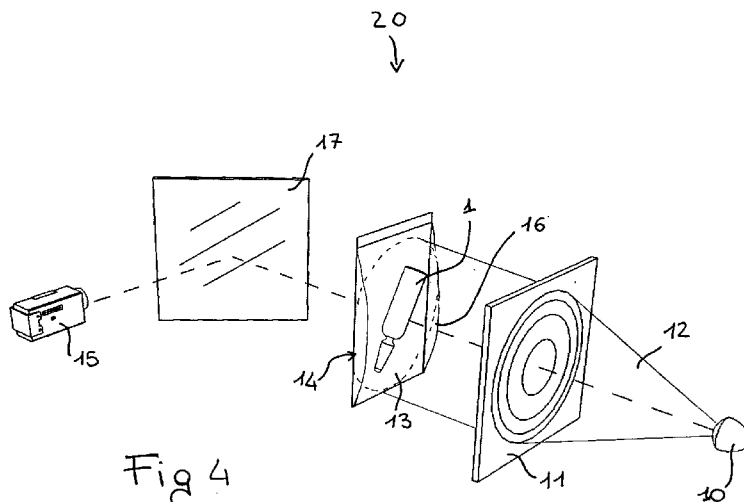
Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))

- (54) Title:** INSPECTION DEVICE AND METHOD FOR A SINGLE - DOSE CASING FOR A TRANSPARENT CONTAINER FOR A TRANSPARENT LIQUID



- (57) Abstract:** An inspection assembly is provided for inspecting a at least partially transparent single-dose casing (13) of the envelope type, in which there is arranged a substantially transparent container (1) for containing a substantially transparent liquid. The device comprises a substantially point-like light source (10) and a diffusive screen (14). The container is provided between the light source and the diffusive screen (14), which is preferably a side of the casing itself, in order to project onto the screen a profile of luminous intensity that is recorded by means for recording (15), e.g. a camera, the luminous intensity.