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- (71) Applicant (for all designated States except US): SEM-
MELWEIS EGYETEM [HU/HU]; Üllői út 26., H-1085
Budapest (HU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): IZÁPY, Viktor
[HU/HU]; Erdősor utca 38., H-1214 Budapest (HU).
LACZA, Zsombor [HU/HU]; Sirály u. 7., H-8229 Csopak
(HU). WAGNER, Ödön [HU/HU]; József Attila u. 15., H-
2040 Budaörs (HU). WESZL, Miklós [HU/HU]; Dam-
janich utca 100., H-1224 Budapest (HU).
- (74) Agent: DANUBIA PATENT & LAW OFFICE LLC;
Bajcsy-Zsilinszky út 16., H-1051 Budapest (HU).

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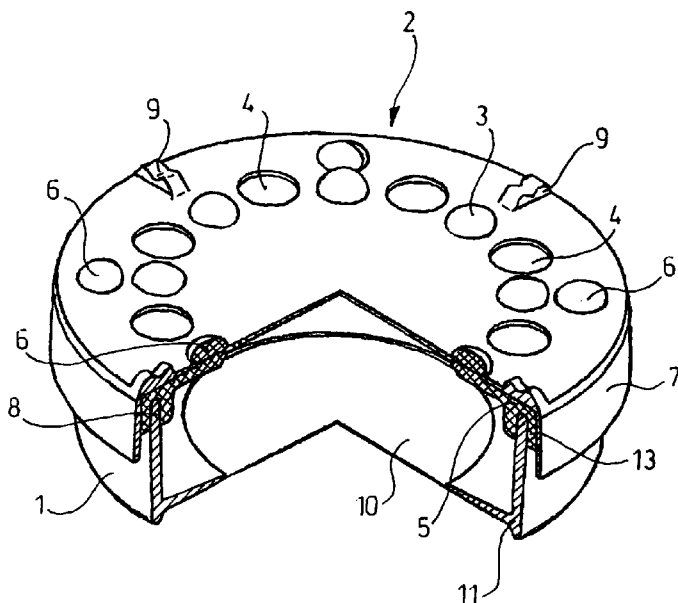


Fig. 1

(57) Abstract: The imaging chamber according to the in-
vention comprises a housing with a lower part and an up-
per part, wherein said lower part is a dish (1) and said up-
per part is a lid (2) provided with a skirt (9) surrounding
the upper rim (10) of the dish (1), the bottom of the dish
(1) is provided with a cover slip (12) to be used in con-
focal microscopy and at least a part of the lid (2) is trans-
parent wherein the lid (2) is provided with a breathing
silicon insert (5). The silicon insert (5) comprises a circular
ring part fixed to the inner surface of the lid (2) and a
skirt (14) parallel with the upper rim (10) of the dish (1)
and supported by the skirt (9) of the lid (2) and provided
with an annular groove (15) tight fitted on the upper rim
(10) of the dish (1); and the lid (2) is provided with open-
ings (4) to allow breathing of the housing.