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(71) Applicant (for all designated States except US): **OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU "UNIPAT"** [RU/RU]; GSP Volokolamskoe shosse, 4-2-237, Moscow, 125871 (RU).

Leonidovich [RU/RU]; ul. Scherbakovskaya, 54-191, Moscow, 105187 (RU). **KARPYSHEV, Alexandr Vladimirovich** [RU/RU]; Olimpysky pr., 28-435, Moscow, 129272 (RU).

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(72) Inventors; and

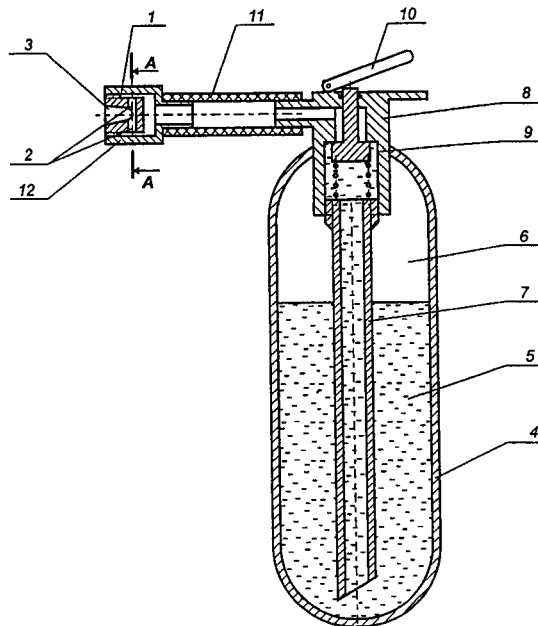
(75) Inventors/Applicants (for US only): **DUSHKIN, Andrei**

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(54) Title: FLUID NOZZLE SPRAY AND FIRE EXTINGUISHER



(57) Abstract: The invention is aimed at generating a finely dispersed gas-and-drop flow with its cross-section in the shape of an ellipse and uniform intensity distribution. A fluid nozzle spray is built in the form of a body (1) with two coaxial channels (2) of the same cross-section designed for head liquid supply and a nozzle having a shape of a conical diffuser (3). The diffuser (3) is oriented transverse to the channels, the area of its inlet orifice not exceeding the total cross-section area of the channels. The fire extinguisher fitted with a fluid nozzle spray comprises a liquid vessel (4) for fire extinguishing, a liquid expulsion system, a pipeline (11), connecting a liquid cavity (5) of the vessel (4) to a nozzle spray and at least one valve or a regulator (8) to control the liquid supply to the nozzle spray.

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