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(71) Applicant (for all designated States except US): **BVR SYSTEMS (1998) LTD.** [IL/IL]; 16 Hamelacha Street, Afek Industrial Park, 48091 Rosh-Ha'ayin (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HADAD, Meirav** [IL/IL]; 7 Simtat Bruria Street, 51389 Bnei Barak (IL). **TZIDON, Dekel** [IL/IL]; 59 Galgal Hamazalot Street, 45309 Hod Hasharon (IL). **FRIDMAN, Natalie** [IL/IL]; 25/4 Smilanski Street, 49475 Petach Tikva (IL).

(74) Agents: **PEARL COHEN ZEDEK LATZER** et al.; Shenkar 5, PO Box 12704, 46733 Herzlia (IL).

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(54) Title: COMPUTING SOLUTIONS TO PROBLEMS USING DYNAMIC ASSOCIATION BETWEEN ABSTRACT GRAPHS

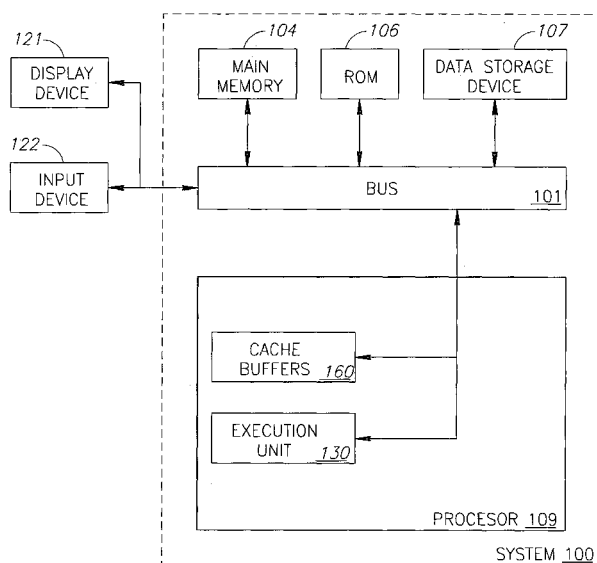


FIG. 7

(57) Abstract: A device, system, and method for solving a plurality of sub-problems representing a main problem pertaining to an environment. An abstract graph corresponding to each of the sub-problems may be constructed in a computing system for each of the sub-problems. At least a first abstract graph of the abstract graphs may be resolved, for example, by decomposing one or more nodes of the first abstract graph. At least one of the one or more nodes of the first abstract graph may be associated with one or more nodes of others of the abstract graphs. At least one of the abstract graphs may be resolved using information obtained by the association. Other embodiments are described and claimed.