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(71) Applicant: **BOSTON DYNAMICS, INC.** [US/US]; 200 Smith Street, Unit 4100, Waltham, Massachusetts 02451 (US).

(72) Inventors: **MURPHY, Michael**; 200 Smith Street, Unit 4100, Waltham, Massachusetts 02451 (US). **ZELNICK, Benjamin**; 200 Smith Street, Unit 4100, Waltham, Massachusetts 02451 (US). **HANSEN, Malik**; 200 Smith Street, Unit 4100, Waltham, Massachusetts 02451 (US). **CHERNYAK, Vadim**; 200 Smith Street, Unit 4100,

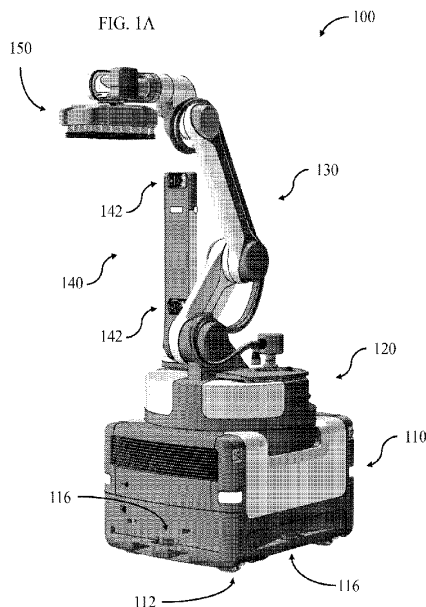
Waltham, Massachusetts 02451 (US). **THORNE, Christopher Everett**; 200 Smith Street, Unit 4100, Waltham, Massachusetts 02451 (US). **PERKINS, Alex**; 200 Smith Street, Unit 4100, Waltham, Massachusetts 02451 (US).

(74) Agent: **WEHNER, Daniel**; Pierce Atwood LLP, 100 Summer Street, Boston, Massachusetts 02110 (US).

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(54) Title: AN INTEGRATED MOBILE MANIPULATOR ROBOT



(57) Abstract: A robot includes a mobile base, a turntable rotatably coupled to the mobile base, a robotic arm operatively coupled to the turntable, and at least one directional sensor. An orientation of the at least one directional sensor is independently controllable. A method of controlling a robotic arm includes controlling a state of a mobile base and controlling a state of a robotic arm coupled to the mobile base, based, at least in part, on the state of the mobile base.

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