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(71) Applicant: UNIVERSAL MATTER INC. [CA/CA];
2372 Lakeshore Road, Burlington, Ontario L7R 1B6 (CA).

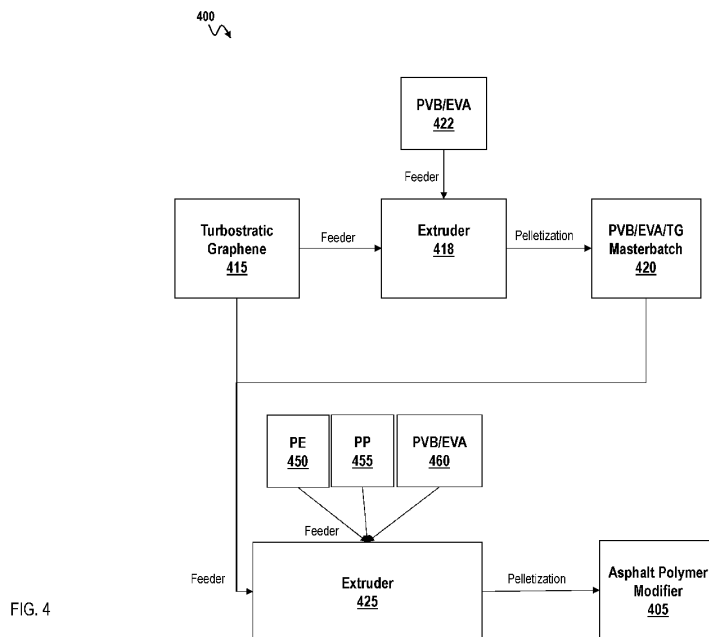
(72) Inventors: MAZOR, Eytan; c/o Universal Matter Inc.,
2372 Lakeshore Road, Burlington, Ontario L7R 1B6
(CA). KAZEMI, Yasamin; c/o Universal Matter Inc.,
2372 Lakeshore Road, Burlington, Ontario L7R 1B6

(CA). ZHANG, Zhiyong; c/o Universal Matter Inc., 2372
Lakeshore Road, Burlington, Ontario L7R 1B6 (CA).
CHU, Marco; c/o Universal Matter Inc., 2372 Lakeshore
Road, Burlington, Ontario L7R 1B6 (CA). GOODWIN
II, Nicholas Anthony; c/o Universal Matter Inc., 2372
Lakeshore Road, Burlington, Ontario L7R 1B6 (CA).

(74) Agent: HINTON, James W.; Own Innovation, 210-137
Glasgow St, Office 214, Kitchener, Ontario N2G 4X8 (CA).

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(54) Title: COMPOSITIONS, SYSTEMS AND METHODS FOR TURBOSTRATIC GRAPHENE ASPHALT CEMENT AND CON-
CRETE MODIFIERS



(57) Abstract: Compositions, systems and methods for turbostratic graphene asphalt cement and concrete modifiers are provided. An asphalt modifier for modifying the asphalt cement is provided. The modifier is configured to be added to the asphalt cement or concrete and composed of graphene obtained via flash joule heating of a carbon source. A method of modifying asphalt is provided. The method includes adding to asphalt cement or concrete an asphalt modifier composed of graphene obtained via flash joule heating of a carbon source. A modified asphalt cement and concrete are provided. The modified asphalt is composed of an asphalt modifier, the asphalt modifier composed of graphene obtained via flash joule heating of a carbon source.

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