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(72) Inventor; and

(71) Applicant: **SUN, Chi Chun** [CN/CN]; Unit 308, 3/F, InnoCentre 72 Tat Chee Avenue Kowloon Tong, Kowloon, Hong Kong, Hong Kong (CN).

(72) Inventors: **DE FILIPPO, Michele**; Unit 308, 3/F, InnoCentre 72 Tat Chee Avenue Kowloon Tong, Kowloon, Hong Kong, Hong Kong (CN). **ASADIABADI, Sasan**; Unit 308, 3/F, InnoCentre 72 Tat Chee Avenue Kowloon Tong, Kowloon, Hong Kong, Hong Kong (CN). **CHAN, King Long Edward**; Unit 308, 3/F, InnoCentre 72 Tat Chee Avenue Kowloon Tong, Kowloon, Hong Kong, Hong Kong (CN).

(74) Agent: **YUAN, Arthur, T.**; Loeb & Loeb LLP, 2206-19 Jardine House, 1 Connaught Place, Hong Kong, Hong Kong (CN).

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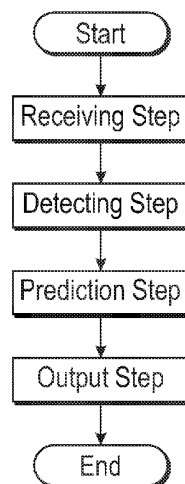


FIG. 3

(57) Abstract: A system to identify potential building and infrastructure issues by using artificial intelligence powered assessment and predictive analysis. The system employs big data from autonomous vehicles or robots coupled with visual and thermal cameras for autonomous inspections. The system may further inspect the operation status of the machineries based on their vibrations.

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