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(71) Applicant: **DEEPGREEN ENGINEERING PTE. LTD**
[SG/SG]; INTERNATIONAL PLAZA, 10 Anson Road,
Singapore Postal 079903 (SG).

(72) Inventor; and

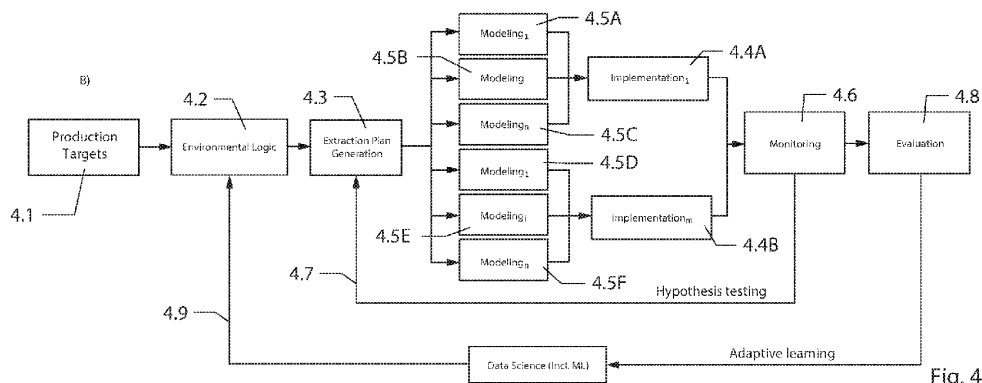
(71) Applicant (for MZ only): **O'SULLIVAN, Anthony**
[AU/AU]; 19 Tennyson St, Bulimba, Queensland 4171
(AU).

(72) Inventors: **BUCKLEY, Toby**; 3051 N Troy St, Apt 3,
Chicago, Illinois 60618 (US). **CLARKE, Michael**; 4B Fif-
teenth Ave, Palm Beach, Queensland 4221 (AU). **JONES,**
Andrew; 35 Streatham Common North, London, Greater
London SW16 3HR (GB). **MACHIN, Jonathan Bruce**; 5
Balnacoil, Aboyne, Aberdeenshire (GB).

(74) Agent: **ADAMS PLUCK**; Suit 4, Level 3, 20 George
Street, Hornsby, New South Wales 2077 (AU).

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(54) Title: A COMPUTER-IMPLEMENTED PROCESS FOR PROCESSING AN EXTRACTION PLAN AND ASSOCIATED
HARDWARE AND SYSTEMS



(57) Abstract: An embodiment of the computer-implemented process is for processing an extraction plan for extraction of a natural resource from a target environment. The computing system conducts simulation processing to process environmental data, the operational data and plan data to simulate a state of the target environment once a predefined first time period has elapsed during which the extraction plan is simulated to have been implemented. The computing system also conducts constraint processing to process constraint data and the simulated state of the target environment to determine if any of the environmental constraints are simulated to have been breached. If none of the environmental constraints are simulated to have been breached, flag the extraction plan as compliant. The computing system also generates a plurality of alternate extraction plans and respective plan data and conducts simulation processing and constraint processing with respect to each of the respective plan data so as to flag a plurality of compliant extraction plans.

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