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(71) Applicant (for all designated States except US): **SHELL
INTERNATIONALE RESEARCH MAATSCHAPPIJ
B.V.** [NL/NL]; Carel van Bylandtlaan 30, 2596 HR The
Hague (NL).

(71) Applicant (for US only): **SHELL USA, INC.** [US/US];
P.O. BOX 576, Houston, Texas 77001-0576 (US).

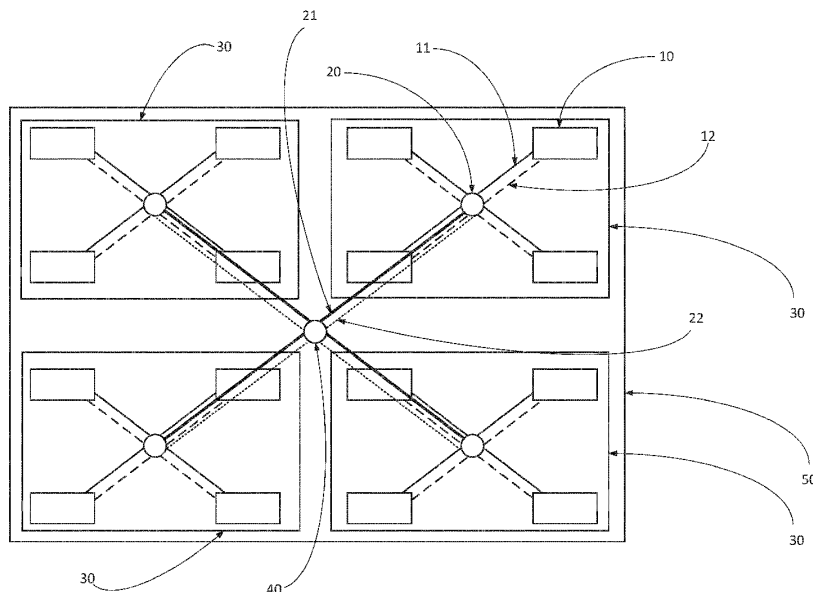
(72) Inventors: **BALAJI, Sayee Prasaad**; Grasweg 31, 1031
HW Amsterdam (NL). **NISBET, Timothy Michael**;
Grasweg 31, 1031 HW Amsterdam (NL).

(74) Agent: **SHELL LEGAL SERVICES IP**; PO BOX 384,
2501 CJ The Hague (NL).

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(54) Title: METHOD FOR OPERATING A DIRECT AIR CAPTURE PROCESS INCLUDING A FRACTAL NETWORK LAYOUT

Figure 2



(57) Abstract: Implementations of the disclosed subject matter provide a method for operating a direct air capture (DAC) process including a fractal network layout. The method may include providing a plurality of base units, each base unit may include a plurality of DAC modules and a primary level node. Each primary level node may be connected to each of the DAC modules within the base unit by a process connection and/or a utility connection. A secondary level unit may include the plurality of base units. The secondary level unit may include a secondary level node which may be connected to each of the primary level nodes by process and/or utility connections. The method may include receiving an air stream at each of the DAC modules, contacting the air stream with a sorbent material, generating and transporting an outlet stream comprising CO₂ from each of the DAC modules to the secondary level node.

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