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(71) Applicant: **OXY LOW CARBON VENTURES, LLC**
[US/US]; 5 Greenway Plaza, Houston, Texas 77046 (US).

(72) Inventors: **REPASKY, John M.**; c/o Oxy USA Inc., 5
Greenway Plaza, Suite 110, Houston, Texas 77046 (US).
ZELLER, III, Robert L.; c/o Oxy USA Inc., 5 Greenway
Plaza, Suite 110, Houston, Texas 77046 (US).

(74) Agent: **REGINELLI, Arthur M.** et al.; 106 South Main
Street, Suite 400, Akron, Ohio 44308 (US).

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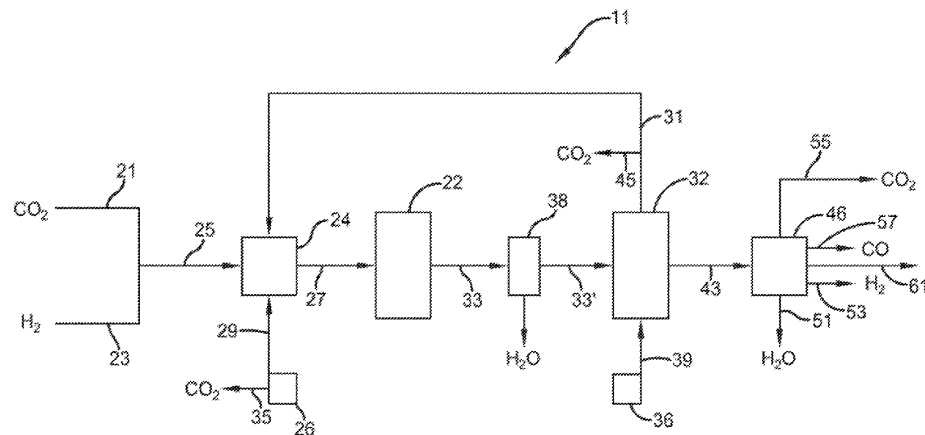


FIG. 1

(57) Abstract: A process for the production of syngas, the process comprising (i) reacting at least a portion of carbon dioxide with hydrogen within an initial reactor to produce an initial product stream including carbon monoxide, water, unreacted carbon dioxide, and unreacted hydrogen; and (ii) reacting at least a portion of the unreacted carbon dioxide and unreacted hydrogen within a reactor downstream of the first reactor to thereby produce a product stream including carbon monoxide, water, unreacted carbon dioxide, and unreacted hydrogen.

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