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(71) Applicant (for all designated States except US): **HARPER INTERNATIONAL CORPORATION** [US/US]; A New York Corporation, 100 West Drullard Avenue, Lancaster, NY 14086 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WITTING, Peter, R.** [US/US]; 73 Camelot Drive, West Seneca, NY 14224 (US). **STRY, William, J.** [US/US]; 18 Peppermill Road, Orchard Park, NY 14127 (US). **VANDER WEIDE, Carl, H.** [US/US]; 16 Fairway Drive, Lockport, NY 14094 (US). **PURDY, Jeffrey, E.** [US/US]; 12493 Clinton Street, Alden, NY 14004 (US). **GWIN, Jason, A.** [US/US]; 591 Summer Road, Corfu, NY 14036 (US).

(74) Agent: **RICHARDS, Rowland**; Phillips Lytle LLP, Intellectual Property Group, 3400 HSBC Center, Buffalo, NY 14230 (US).

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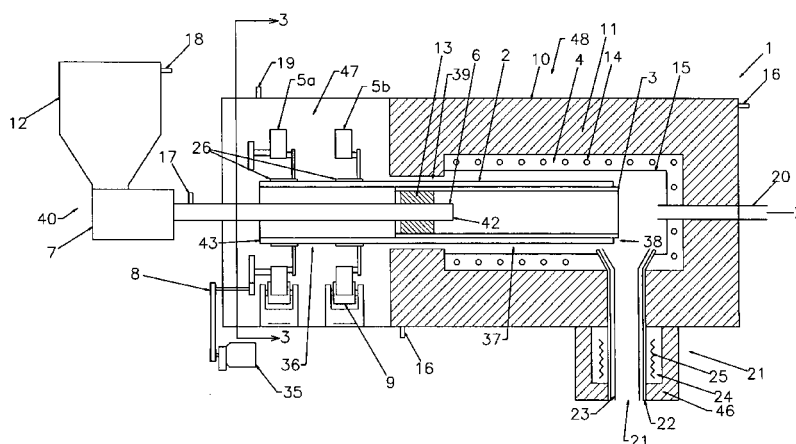
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— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: OVERHUNG ROTARY TUBE FURNACE

FIG. 2



(57) Abstract: A rotary tube furnace (1) comprising an insulated heating chamber (4), the insulated heating chamber having a product discharge outlet (21) and a process tube inlet (39), a heating element (14) operatively arranged to selectively heat the heating chamber, a generally horizontally extending process tube (2) supported for rotation relative to the heating chamber, the process tube having a first portion (36) generally arranged outside of the heating chamber and a cantilevered second portion (37) extending from the first portion into the heating chamber and terminating at a discharge end (38) within the heating chamber, a feed mechanism (40) configured and arranged to feed product into the process tube, and a bearing assembly operating between a support frame (34) and the first portion of the process tube and configured and arranged to support the process tube and transmit rotational torque to the process tube.



- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))* — *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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