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(71) Applicant: FOREVERTRUST INTERNATIONAL (S) PTE. LTD. [SG/SG]; 51 Changi Business Park Central 2, #09-09 The Signature, Singapore 486066 (SG).

(72) Inventors: LIU, Yongyan; c/o Forevertrust International (S) Pte. Ltd., 51 Changi Business Park Central 2, #09-09 The Signature, Singapore 486066 (SG). LIU, Haiyan; c/o Forevertrust International (S) Pte. Ltd., 51 Changi Business Park Central 2, #09-09 The Signature, Singapore 486066 (SG).

(74) Agents: TANG, Yvonne et al.; Drew & Napier LLC, 10 Collyer Quay, 10th Floor Ocean Financial Centre, Singapore 049315 (SG).

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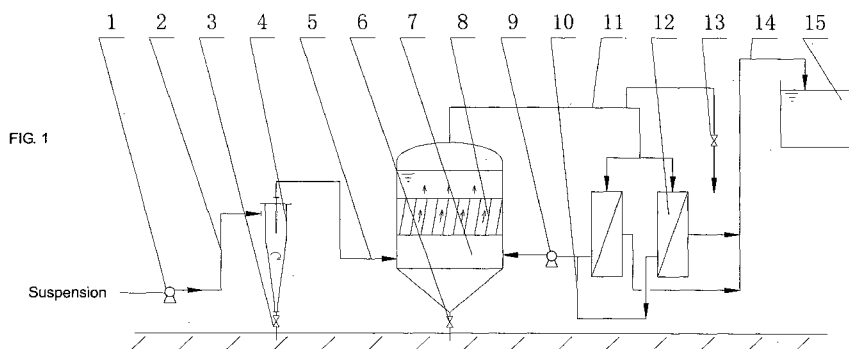
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(54) Title: SUSPENSION CLARIFICATION AND FILTRATION DEVICE



(57) **Abstract:** The present invention relates to a suspension clarification and filtration device. The device organically combines a traditional hydraulic cyclone, inclined-tube settler and ceramic membrane member, and particularly combines them into a closed system for transmitting a static pressure of a feed liquid. The pump power is only used for overcoming an on-way resistance of a pipeline, so that the static pressure of the feed liquid can be fully utilized, and hence the pump power consumption can be greatly reduced, and consequently the energy saving can be achieved.