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(54) **Title:** SYSTEM AND METHOD FOR HYDRATE PRODUCTION

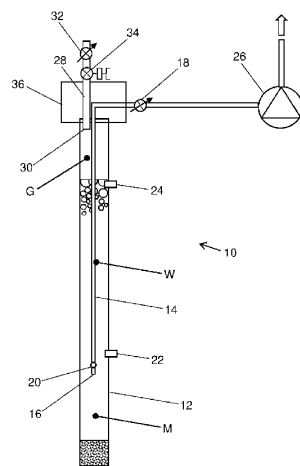


Figure 1

(57) **Abstract:** A system (10) for hydrate production is configured to separate a water component (W) from a multi-phase gas and water mixture (M) present in a wellbore (12), the system (10) being configured such that said separation occurs within the wellbore (12). The system (10) comprises a first flow line (14) disposed in the wellbore (12) and arranged such that an inlet (16) of the first flow line (14) is disposed in and receives the water component (W), so as to separate the water component (W) from said multi-phase gas and water mixture. A control system (50) is configured to receive an output signal indicative of the water level from a sensor arrangement of the system (10) and control a flow control device (18) based on the water level so as to control the flow of the water component (W) through the first flow line (14).

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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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