

**Amendments to the Specification:**

*Please amend the paragraph (section) beginning on page 8, at line 1 as shown below:*

Once the predetermined humidity level of the air stream has been achieved, the corresponding temperature of the air stream at the predetermined humidity level is defined as the predetermined temperature. In one example, the predetermined humidity level may be established as disclosed in co-pending U.S. Application Serial No. \_\_\_\_\_ 11/764,249, filed on \_\_\_\_\_, ~~2007~~ June 18, 2007, entitled “Fuel Cell Humidity Control System and Method,” Attorney’s Docket No. 81150538, which is hereby incorporated in its entirety by reference. In another example, the controller 104 may use look up tables (stored in the controller 104) to determine the predetermined humidity level. In another example, the predetermined humidity level may be based on the temperature of the coolant at the inlet 153 of the fuel cell stack 108. The fuel cell stack 108 is configured to present the temperature of the coolant at the inlet 153 to the controller 104. The implementations as set forth for establishing the predetermined humidity level in the air stream also apply to the hydrogen stream.