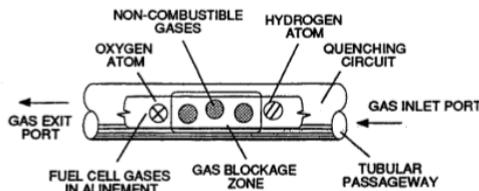


Catalytic Block Assembly

An inverted hemispherical cavity placed on top of and in space relationship to the "**Quenching Disc**" insures total gas-combustion by recycling any "escaped" or "unused" burnable gases back into the gas-flame for **Gas-Ignition**

... preventing **Gas-Oxide** formation, as illustrated in Figure (2-8) as to Figure (2-4).

Figure (2-8)



NOTE:

- 1) OXYGEN ATOM MUST UNITE WITH HYDROGEN ATOMS TO CAUSE GAS IGNITION.
- 2) TUBULAR PASSAGEWAY PREVENTS MOVING GAS ATOMS FROM REGROUPING.

FIGURE 2-5: PREVENTING GAS IGNITION

Figure (2-4)

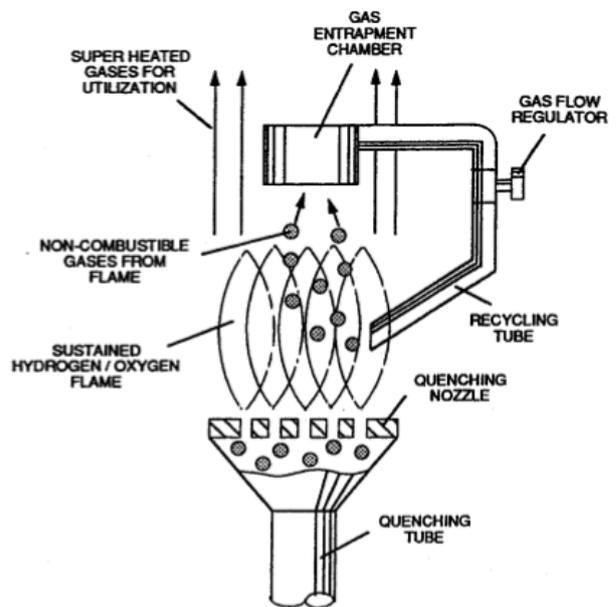


FIGURE 2-4: ADJUSTING FLAME TEMPERATURE

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