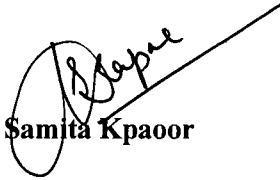


elevation of the crucible includes flowing the oxidizing material and the hydrocarbon material through a downtube, including flowing gasses produced by the oxidizing material and the hydrocarbon material through a plurality of openings in a sidewall of the downtube.

Dated this 6th Day of January 2014


Samita Kpaoor
IN/PA 1114