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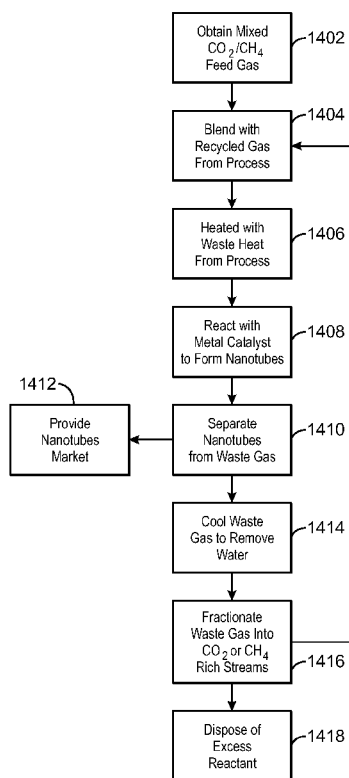
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(54) Title: METHOD AND SYSTEMS FOR FORMING CARBON NANOTUBES

(57) Abstract: Systems and a method for forming carbon nanotubes are de-  
scribed. A method includes forming carbon nanotubes in a reactor, using a  
Bosch reaction. The carbon nanotubes are separated from a reactor effluent  
to form a waste gas stream. The feed gas, a dry waste gas stream, or both,  
are heated with waste heat from the waste gas stream. The waste gas stream  
is chilled in an ambient temperature heat exchanger to condense water va-  
por, forming a dry waste gas stream.



1400  
FIG. 14





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