However, this method results in plants with considerable investment cost under utilization of acid-resistant materials of construction.

In the patent US 4,717,553 a process for removing amines having normal boiling points under 100°C from a gas stream by passing the gas stream through activated carbon in the presence of carbon dioxide is disclosed.

It is therefore an object of~~t~~ the ~~present invention~~embodiments disclosed herein to provide a method for removal of an organic amine from a liquid hydrocarbon stream containing the amine which overcomes the drawbacks of the prior art. Especially, a method shall be provided enabling that the hydrocarbon product can be marketed without any restrictions due to its amine content. Further, a method shall be provided wherein the amine can be easily removed from the hydrocarbon stream and recycled afterwards.

It is also an object of the embodiments disclosed herein ~~present invention~~ to provide a method for removal of organic amine from hydrocarbon streams containing the amine which avoids the requirements of high investment costs and the use of acid resistant materials for construction.

In a first aspect, there is provided~~These objects are achieved by~~ a method for removal of an organic amine from a liquid hydrocarbon stream containing the amine, comprising the steps:

a. adding water to the hydrocarbon stream containing the amine,

b. bubbling carbon dioxide through the hydrocarbon stream containing the amine, and

c. separating a solid phase formed containing the amine from a liquid phase.