**What is claimed is:**

1. A static type liquefaction promoting apparatus capable of being disposed on a pipeline of a heat pump system suitable for the purpose of stirring and uniformly mixing a fluid containing refrigerant and refrigerator oil circulating therein comprising:

a cylindrical casing having an inlet and an outlet on its axial ends;

one or more channelizing units each composed of a pair of large-diameter disks on its outer side and a pair of small-diameter disks on its inner side disposed in axial alignment inside said cylindrical casing;

a heat radiation sink surrounding said cylindrical casing which communicates with said inlet or outlet of said cylindrical casing and allows said fluid to pass therethrough, said fluid in said heat radiation sink in contact with the outer wall of said cylindrical casing conducting heat away therefrom,

said heat radiation sink further comprises therein a spring member having a diameter smaller than the inner diameter of said heat radiation sink and being in a vibrable state,

said large-diameter disks each having a diameter consistent with the inner diameter of said cylindrical casing, being formed on its center with

a flow hole and being formed on its inner surface with a honeycomb panel having polygonal cells,

said small-diameter disks being formed on its outer surface with a honeycomb panel having polygonal cells,

the honeycomb panels of said large-diameter disks and of said small-diameter disks being arranged to face each other such that each polygonal cell communicates with more than one opposing polygonal cells,

the flow holes of the two large-diameter disks disposed nearest to the inlet and the outlet of said cylindrical casing being communicated with the inlet and the outlet; wherein

the fluid containing refrigerant and refrigerator oil is circulated in the heat pump system with a pressure of 0.2 to 10MPa.

2. The static type liquefaction promoting apparatus as set forth in Claim 1, wherein said cylindrical casing further comprises therein a spring member having a diameter smaller than the inner diameter of said cylindrical casing and being in a vibrable state.

3. A rotating type liquefaction promoting apparatus capable of being disposed on a pipeline

of a heat pump system suitable for the purpose of stirring and uniformly mixing a fluid containing refrigerant and refrigerator oil circulating therein comprising:

a stirring sink for stirring the fluid having an inlet and an outlet on its ends;

a rotary stirring unit fixed on a shaft connected to a rotary driving source disposed in said stirring sink;

a heat radiation sink surrounding said stirring sink which communicates with said inlet or outlet of said stirring sink and allows said fluid to pass therethrough, said fluid in said heat radiation sink in contact with the outer wall of said stirring sink conducting heat away therefrom,

said heat radiation sink further comprises therein a spring member having a diameter smaller than the inner diameter of said heat radiation sink and being in a vibrable state,

said rotary stirring unit being composed of an upper disk formed on its inner surface with a honeycomb panel having polygonal cells and a lower disk formed on its center with a flow hole and formed on its inner surface with a honeycomb panel having polygonal cells,

the honeycomb panels of said upper disk and of said lower disk being arranged to face each other

such that each polygonal cell communicates with more than one opposing polygonal cells; wherein

the fluid containing refrigerant and refrigerator oil is circulated in the heat pump system with a pressure of 0.2 to 10MPa.

4. The rotating type liquefaction promoting apparatus as set forth in Claim 3, wherein said stirring sink further comprises therein a spring member having a diameter smaller than the inner diameter of said stirring sink and being in a vibrable state.