

To whom it May concern

ParticleTrap™ technology is based on R&D by **Viktor Schaubeger** (30 June 1885 to 25 September 1958).

Viktor was an Austrian naturalist, scientist, philosopher, inventor, and biomimicry experimenter. I was deeply interested in his discoveries in 1975 and from then on I continued to develop my ideas around the concepts of biomimicry.

ParticleTrap™ through its ingenious design creates multiple vortices which by natural forces separates and sorts particles. ParticleTrap™ is a platform for air, gas and water purification/filtration. With this technology filtration, fraction sorting and enrichment of solid particles, from 10 Nanometers and up is possible.

Main steps in a Mining Project

1. Crush and grind rock/ore to mineral sizes. This is, to a higher degree, get maximum value of minerals in ore.
- works in air or water
2. Run the crushed material through a cluster of ParticleTrap™, no chemicals are needed. Important factors: feeding speed / velocity / viscosity / density and size of particles.
- works in air or water
3. Waste collection occurs in the last step of a cluster if the particles is of small size or is the lightest material of the materials.
-works in air or water
4. Waste with no value (rock etc.) can be used for other purposes such as for use in cement for concrete construction. This further reduces waste and increase profitability for the project.

Theoretic feasibility and discussion

This technology platform is developed from scientifically known natural phenomena's. Environmental protection can be greatly improved if we change our present harmful way of polluting our habitat, especially drinking water, groundwater, cultivated soil and the air we breathe.

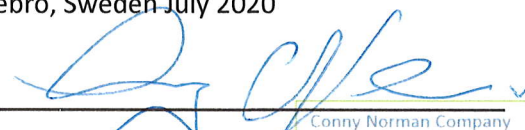
ParticleTrap™ is a technology that is will better make use of ALL the material found in the process: Total economic- and environmental benefits.

Notes:

Further possibilities in collaboration with our partner 'Ion Plasma' which adds electrolytic function to processes in air, gas and liquid flows.

- a. Dissolved particles such as nitrogen, medical residues and other chemicals can be merged into particles with electrolysis and separated with use of ParticleTrap™.
- b. Gases can be purified from hydrogen sulphides and other contaminants, these are merged into particles and separated with use of ParticleTrap™.

Örebro, Sweden July 2020


Conny Norman, inventor and patent owner
