What is clamed is:

1. A capturing device for capturing air-borne microorganisms, which is characterized in that it comprises a capturing carrier comprising a polymer which undergoes a phase transition between a gel and a sol in the temperature range between 15°C and 40°C, and a vessel to contain the capturing carrier~~.~~,
wherein an ATP eliminating agent is mixed in the polymer.

2. The capturing device according to Claim 1, which is characterized in that a filter is comprised at the bottom of the vessel.