C l a i m s:

1. A dispensing apparatus (1) for delivering droplets of fluids, such as liquids having a low viscosity, or soft gels onto poultry hatchlings that are present in movably mounted hatchling trays (19) comprising at least one reservoir (18), at least one pumping unit (9), each connected to the at least one reservoir (18), at least one manifold (8) connected to the at least one pumping unit (9), as well as at least one control unit (17), characterized in that the apparatus (1) further comprises
a plurality of fluid atomizers (6) each being connected by flexible connecting means (7) to the at least one manifold (8), whereby the fluid atomizers (6) are detachably and/or slidably connected with at least one mounting rail (5), and that the fluid atomizers (6) are distributed onto the mounting rail (5).

2. Apparatus (1) according to claim 1, characterized in that a distance between adjacent fluid atomizers (6) on the at least one mounting rail (5) is unevenly distributed on the mounting rail (5) and especially such that a distance between the fluid atomizers (6) is smaller in a middle region of the mounting rail (5) compared to edge regions thereof, the distance between two adjacent fluid atomizers located in the middle region preferably being between 20 to 60 % of the distance of two adjacent fluid atomizes located in an edge region.

3. Apparatus (1) according to claim 1 or 2, characterized in that different types of fluid atomizers (6) are provided, especially fluid atomizers (6) having flow openings with different diameter, or having an adjustable flow opening.

4. Apparatus (1) according to claim 1, 2 or 3, characterized in that it comprises different types of fluid atomizers (6) being provided on a single mounting rail (5).

5. Apparatus (1) according to any one of claim 1 to 4, characterized in that a plurality of adjustable fluid atomizers (6) is being connected by flexible connecting means (7) to the at least one manifold (8).

6. Apparatus according to any one of claims 1 to 5, characterized in that it comprises two reservoirs (18), preferably being each provided with a throttle valve (11).

7. Apparatus according to any one of claims 1 to 6, characterized in that the pumping unit (9) is interposed between the reservoir (18) and the manifold (8) and that a switching pulse obtained from a proximity sensor (10) actuates the pumping unit (9).

8. Apparatus (1) according to any one of claims 1 to 7, characterized in that it comprises two pumping units (9), preferably pumping units (9) providing different pressure.

9. Apparatus (1) according to any one of claims 1 to 8, characterized in that each pumping unit (9) is a pneumatic pump, actuated to pump the fluid(s) from reservoir(s) (18) to the fluid atomizers (6).

10. Apparatus (1) according to any one of claims 1 to 9, characterized in that it comprises two manifolds (8), being connected with the same pumping unit (9) or with different pumping units (9).

11. Apparatus (1) according to any one of claims 1 to 10, characterized in that the at least one mounting rail (5) is adjustably, especially height adjustable connected to a supporting structure (4).

12. Apparatus (1) according to any one of claims 1 to 11, characterized in that it contains two adjustable mounting rails (5), preferably on top or adjacent to each other.

13. Apparatus (1) according to any one of claims 1 to 12, characterized in that it contains up to 28, preferably up to 20 fluid atomizers (6), whereby at least 4, more preferred at least 10 fluid atomizers (6) are provided on each mounting rail (5).