

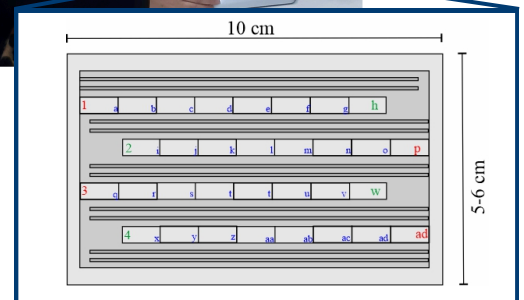
Technology description

The device consists of a rectangular base plate with an external perimeter wall. From this outer wall, internal partitions extend, creating evenly spaced grooves. Sediment grain samples are introduced into these grooves in a distributed and aligned manner, thereby preventing displacement of the grains during counting and compositional analysis.

Main advantages and innovations

The implementation and use of the presented device can provide the following potential benefits:

- More accurate and faster counting
- Avoiding duplication in counting
- Use of low-cost and/or recycled materials
- First tool of this kind on the market



Sedimplak

Objective of the collaboration

The represented institution is seeking a strategic collaboration to bring this innovative invention to market. The main objective is to commercialize the product file for 3D printing. In this scenario, the company would act as a key intermediary, providing visibility and managing the sale of the product. The partner may also have the opportunity to manage large-scale 3D printing and distribution of the product.

We are open to discussing the form, terms, and conditions of this collaboration to ensure that the partnership aligns with mutual interests and benefits.

Representative of the institution and the inventors

The researcher behind the invention, which is protected by Spanish patent ES2933384B2, is Dr. Laura del Valle Villalonga, a collaborator with the Earth Sciences research group at the University of the Balearic Islands (UIB).

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