

Assembly of microparticles to patterned trenches using the depletion volume effect

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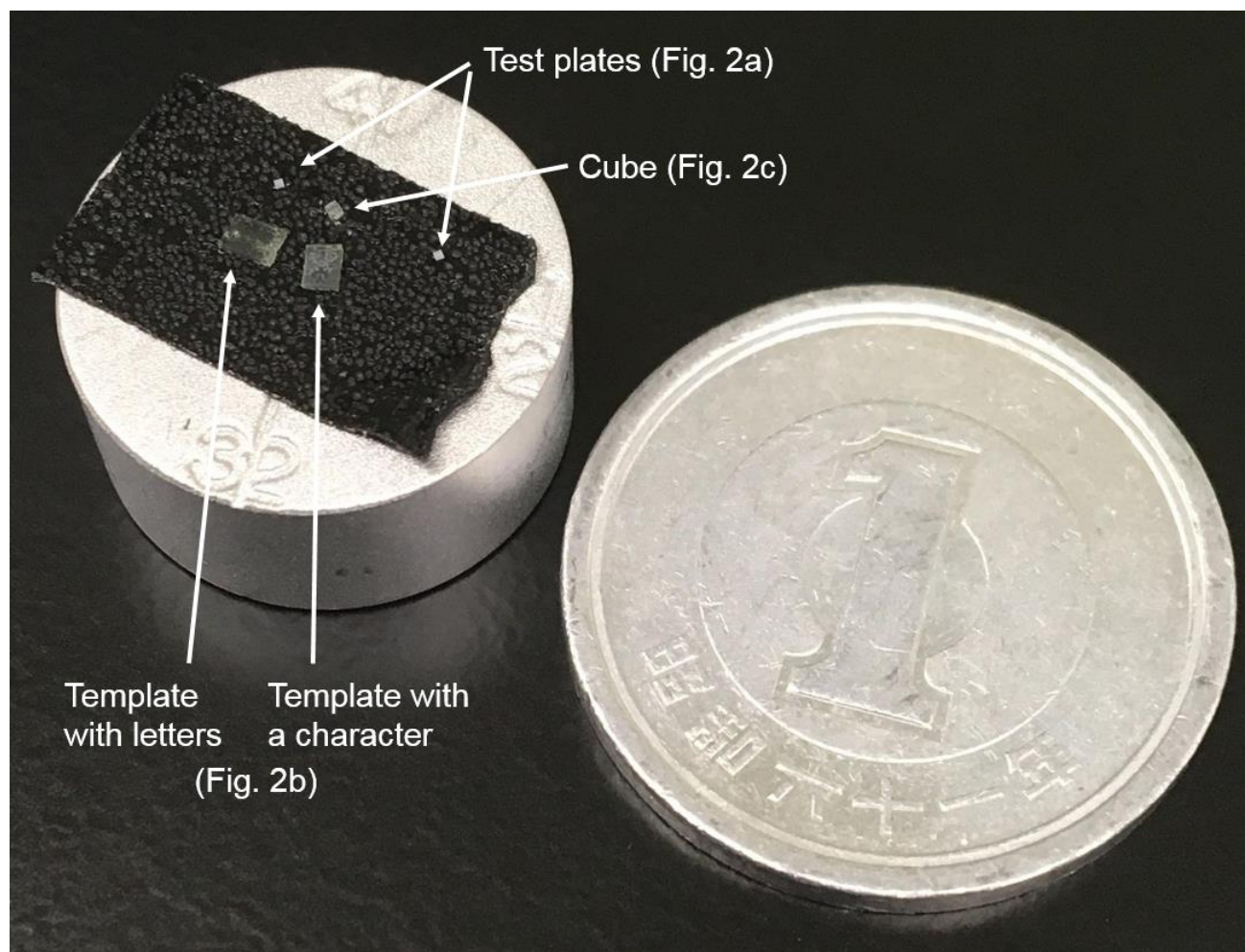
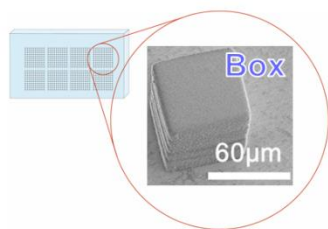
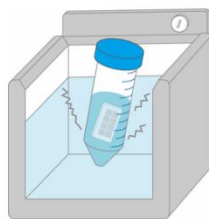


Figure S1 Comparison of the size of microfabricated templates to a 1-yen coin (20 mm diam.).

1. Fabrication of MPs on a glass substrate by stereolithography.



2. Releasing MPs in the ultrasonic bath.



3. Transferring of MPs to a PCR tube and addition of SDS/PEG.



4. Rotational agitation for 30 min with periodical stop and vibration.



5. Microscope observation.



Figure S2 Schematic illustration of the experimental procedure.

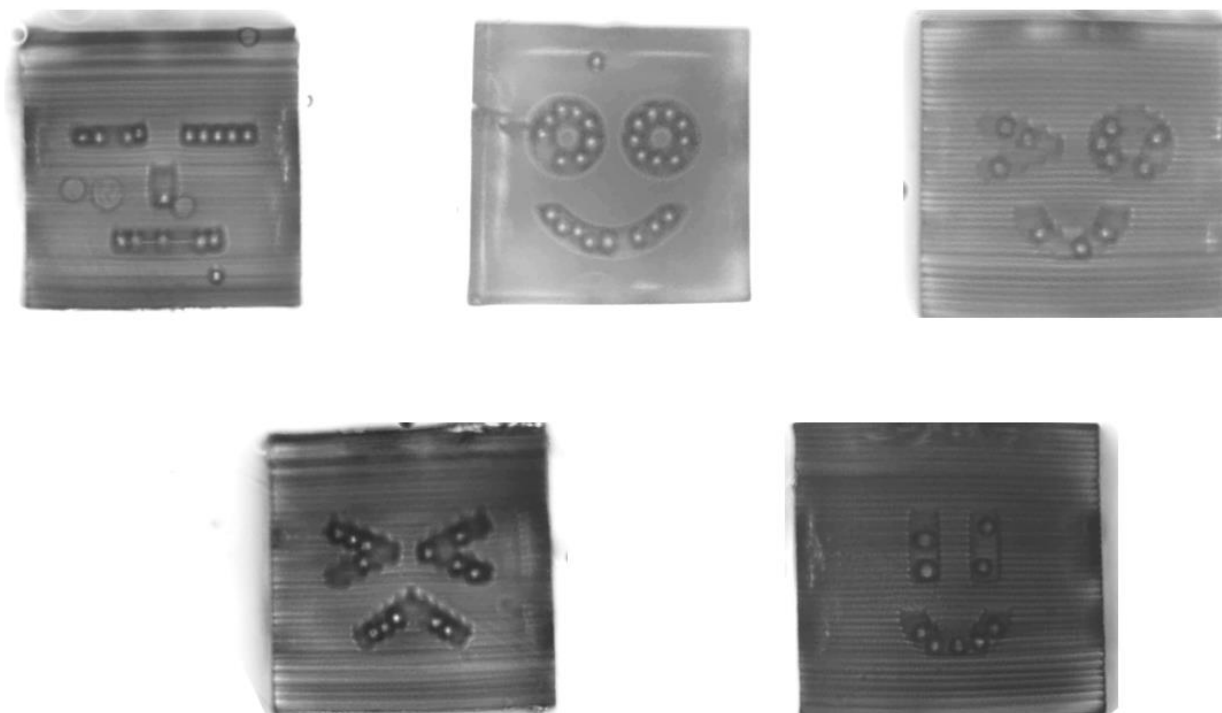


Figure S3 Assembly of beads to the cubic template with five faces obtained after 1.5h agitation.