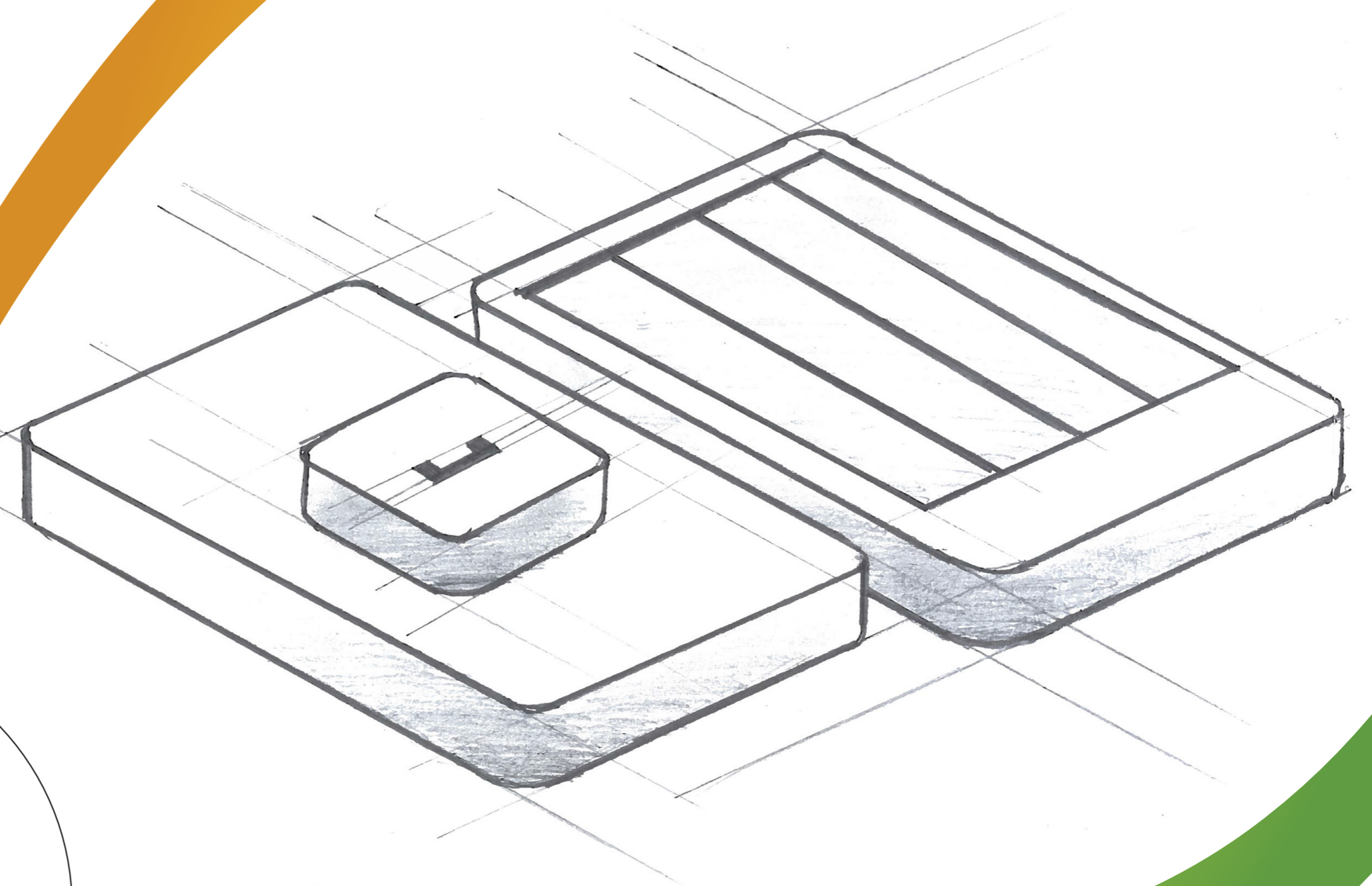




Ulaanbaatar,
Mongolia



Solar Shelter socket



Product innovation

- The Shelter Socket is in essence a wall socket used in 'normal' houses, yet solar powered and with lower voltage.



Product purpose

- Improve connectivity of refugees and internally displaced people (IDPs) living in temporary shelters
- Enable indoor lighting and charging of phones and other small USB devices.



Product design

- A solar power outlet that can be installed on any tent structure. The design is simple, cost-effective, durable and ergonomic.



Main innovations & improvements

- Magnet-pin locking system that allows the panel to be fixed directly to the tent canvas
- The magnets ensure the flow of electricity to go from the panel to the battery without cable
- Reduced risk of theft
- Possible to position at best sun exposure location.



Key information

- Affordable device, market price only €20 and €25 including a light bulb.



Testing & performance evaluation

- Successful trial in Ulaanbaatar, Mongolia
– January-February 2015.

