

Matryoshka Spheres

A truly artistic object for VW ID Buzz that also covers your recreation moments!

Target group

1: Families with kids and 2: Young people driven by design & innovation

Observation

Families with kids and young adults will appreciate Matryoshka Spheres. Some will enjoy its artistic touch and the presence it brings to their Buzz, while others will find it practically useful in all those moments when playing ball is at hand. We have provided examples that 3D printing Matryoshka Spheres and using them as playing balls is possible with current technology.

Conclusion

People will use their Buzz for various purposes. One of these is to drive somewhere for refreshment, adventure and vacation. These are use cases of wanting to bring a playing ball. Having more than one might be beneficial for big groups and Matryoshka Spheres presents this opportunity while keeping artistic impression in the meantime. There are several ways spheres could be "locked" to avoid opening while people play with them. If the client likes our idea, locking will be shown additionally.



Matryoshka Spheres

Solution

Matryoshka Spheres are completely 3d printed from modern soft and flexible materials such as photopolymers or thermoplastic elastomers. They resemble rubber on touch and feel. Having one big sphere and stacking other progressively smaller and smaller spheres inside is the core principle, as the name suggests. This creates a compact artistic package and many balls of various sizes to play with! Patterns and colors could be customized, so that customers own unique personalized Matryoshka Spheres.

2/5 Matryoshka Spheres

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included mount
for the central
console

Need addressed by this product

Matryoshka Spheres can be used as storage compartments as well, for example kids can put their toys inside. Smaller items can be stored in the smaller spheres and vice versa. A sphere can be mounted to the central console for convenience and easy access.

3/5 Matryoshka Spheres

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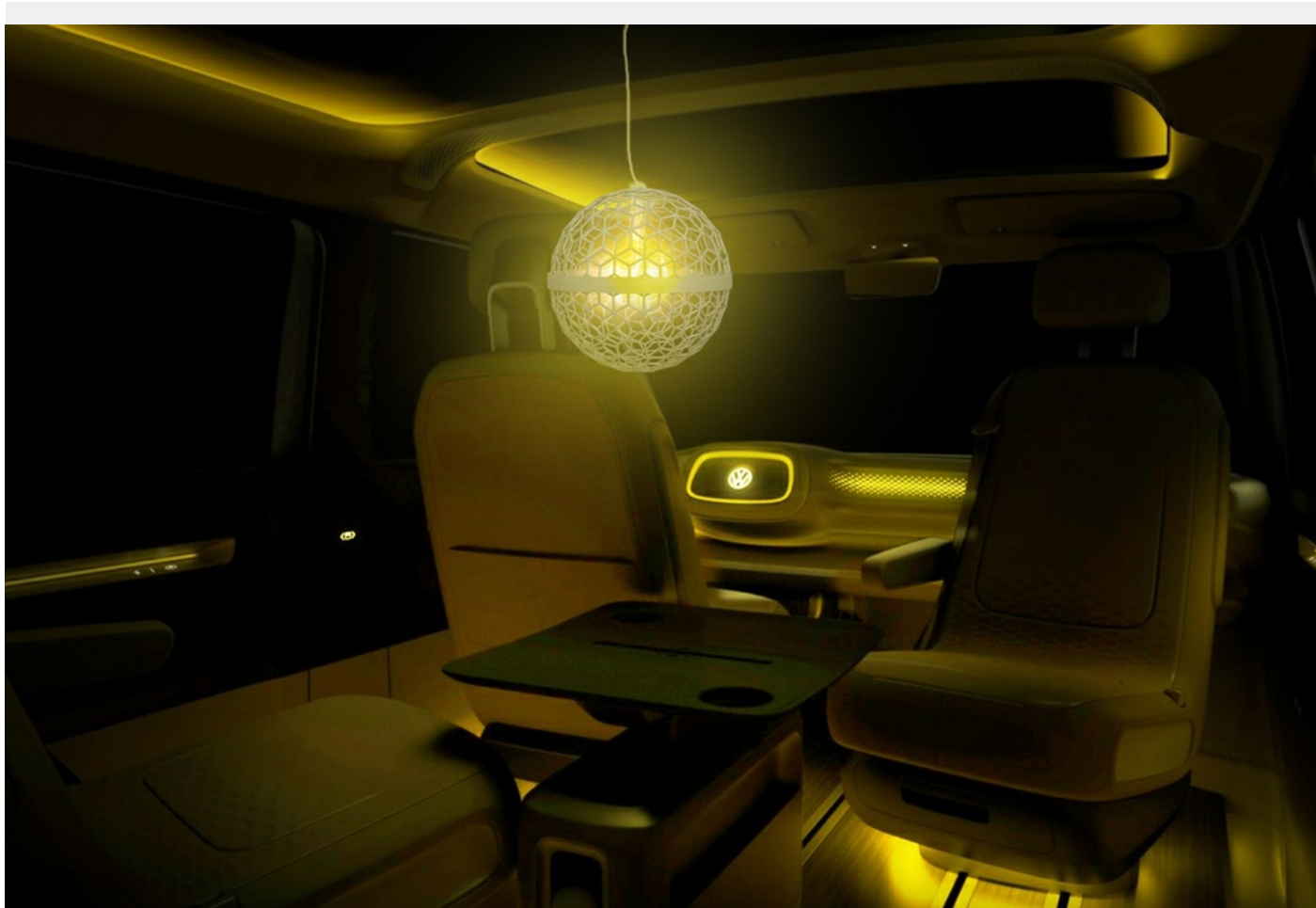


Further elaboration of the product

The benefit of having an interesting art looking object that can be easily transported and admired everywhere; most importantly, the benefit of having a set of differently sized "sort of unique" playing balls for your family or friends everywhere you go - beaches, ski resorts, lakes, camping, etc

4/5 Matryoshka Spheres

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Further elaboration of the product

Various positions inside the BUZZ are suitable for Matryoshka Spheres. They can act as ambient light for the interior. Attach it to the ceiling and insert a light source inside. The unique combination of light, colors and patterns will create a truly amazing and memorable ambient effects!



5/5

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Creative's profile



turb0hp PRO
Architecture and Design

Third party materials used

<https://www.3ders.org/articles/20160924-maker-on-quest-to-create-ultimate-3d-printed-bouncy-ball.html>

http://www.stratasys.com/zh-cn/3d-printers/technologies/~~/link.aspx?_id=882C7136DB61488D90497A9404B20E4C&z=z

Creative's top 5 skills

Architecture, Graphic Design, Product Design, User Experience, Service Design

Collaborators



Eli_ PRO
Science and Art