


A pair of transformable shoes can be adapted to different environment


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Motivation:



Nowadays, we have too many shoes for various aims or environments, which brings big problems for managing and maintaining. We want to create a pair of transformable shoes meeting with equal or even richer functional requirements.

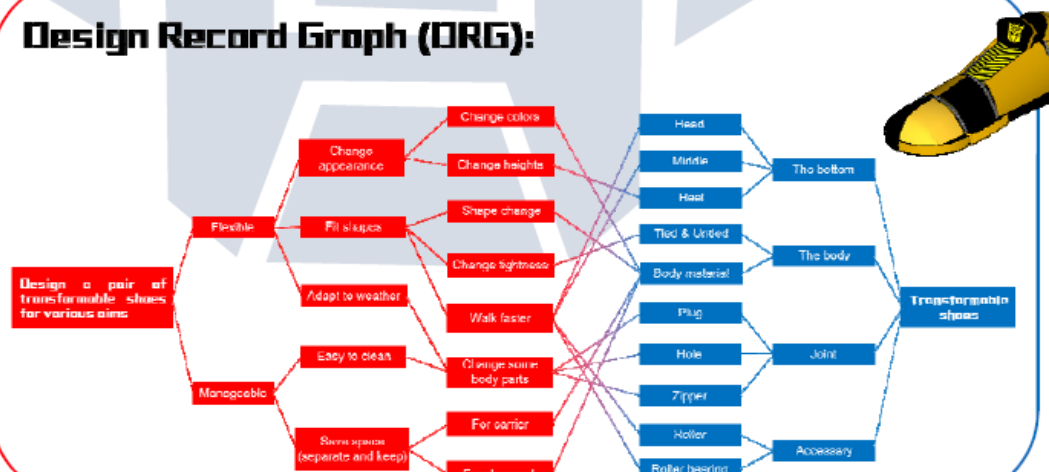
Sketch:



Explanation:

- Heel, baes, head, surface, tongue, string...every part of this shoes is **replaceable**. This model is inspired by the transformer **Bumblebee**.
- Substitutes with different **colors, sizes, functions** are available. When you travel, just bring a pair of shoes and parts.
- Connection like **interlocks & zips** are designed **invisible** for better appearance.

Design Record Graph (DRG):



Design a pair of transformable shoes for various aims

- Flexible
 - Change appearance
 - Change colors
 - Change heights
 - Shape change
 - Fill stripes
 - Change tightness
 - Adapt to weather
 - Walk faster
- Managable
 - Easy to clean
 - Change some body parts
 - Save space (separate and keep)
 - For carrier
 - For shoe rack

Head, Middle, Heel, The bottom, The body, Joint, Accessory, Plug, Hole, Zipper, Roller, Roller bearing, Transformable shoes