



# SENMO

Designed for pet home air purifiers

# SENMO

There are many reasons why users buy air purifiers, which may be to remove formaldehyde, dust or other pollutants in the air... In recent years, there have been more and more families who own cats, but the cat hair problem is a problem faced by many shovelers, and cat hair in the air affects the respiratory tract .Health, and the top of the air purifier on the market is mostly flat design, not taking into account the characteristics of cats like to step on the air outlet, resulting in cat hair flying, the air quality instead declined. SENMO is taken from the pronunciation of the word "Mori mushroom", using mushrooms as a prototype for bionic designs,It means the mushroom in the forest, which means to bring fresher air to the pet family. The design top is consistent with the top of the mushroom, and the smooth convex surface is adopted, which effectively avoids the situation of cat hair flying randomly caused by cat trampling and sleeping.

用户购买空气净化器的原因有很多种，可能是为了除甲醛，除粉尘或是其他空气中的污染物...近年来，养猫的家庭越来越多，但猫毛问题是众多铲屎官所面临的难题，空气中的猫毛会影响呼吸道的健康，且市面上的空气净化器顶部多为平面设计，未考虑到猫咪喜欢踩踏在出风口的特点，导致猫毛飞舞，空气质量反而下降。SENMO取自“森蘑”二字的发音，将蘑菇作为仿生设计的原型，寓意森林中的蘑菇，意为养宠家庭带来更加清新的空气。设计顶部与蘑菇顶部相一致，采用光滑凸面，有效避免了因猫咪踩踏，睡卧而引发的猫毛乱飞的情况。



形态来源于森林中的蘑菇，也是作品名来源

**The form is derived from mushrooms in the forest and is also the source of the title of the work**



柔和  
Soft



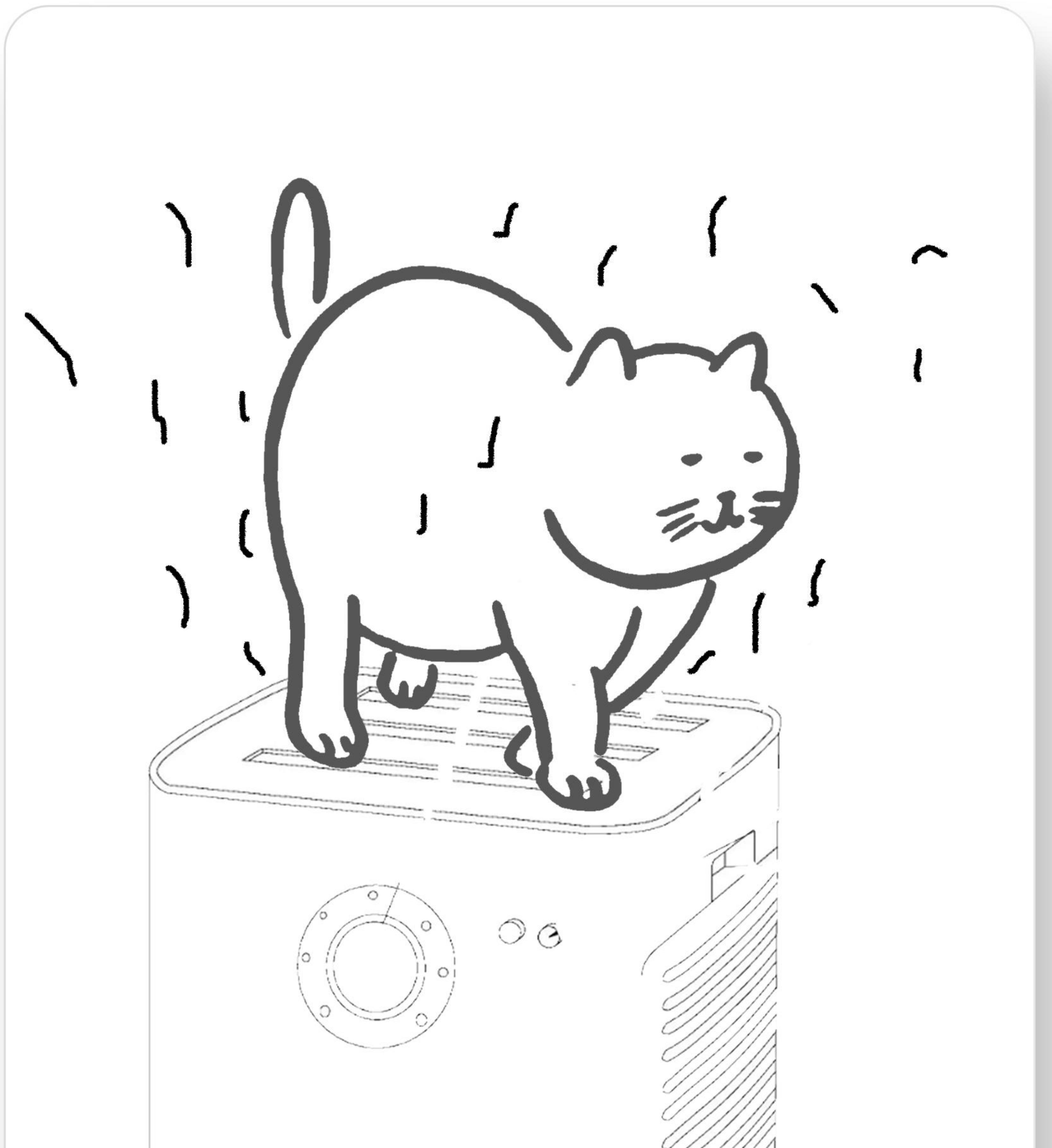
循环  
Loop



褶皱  
Folds

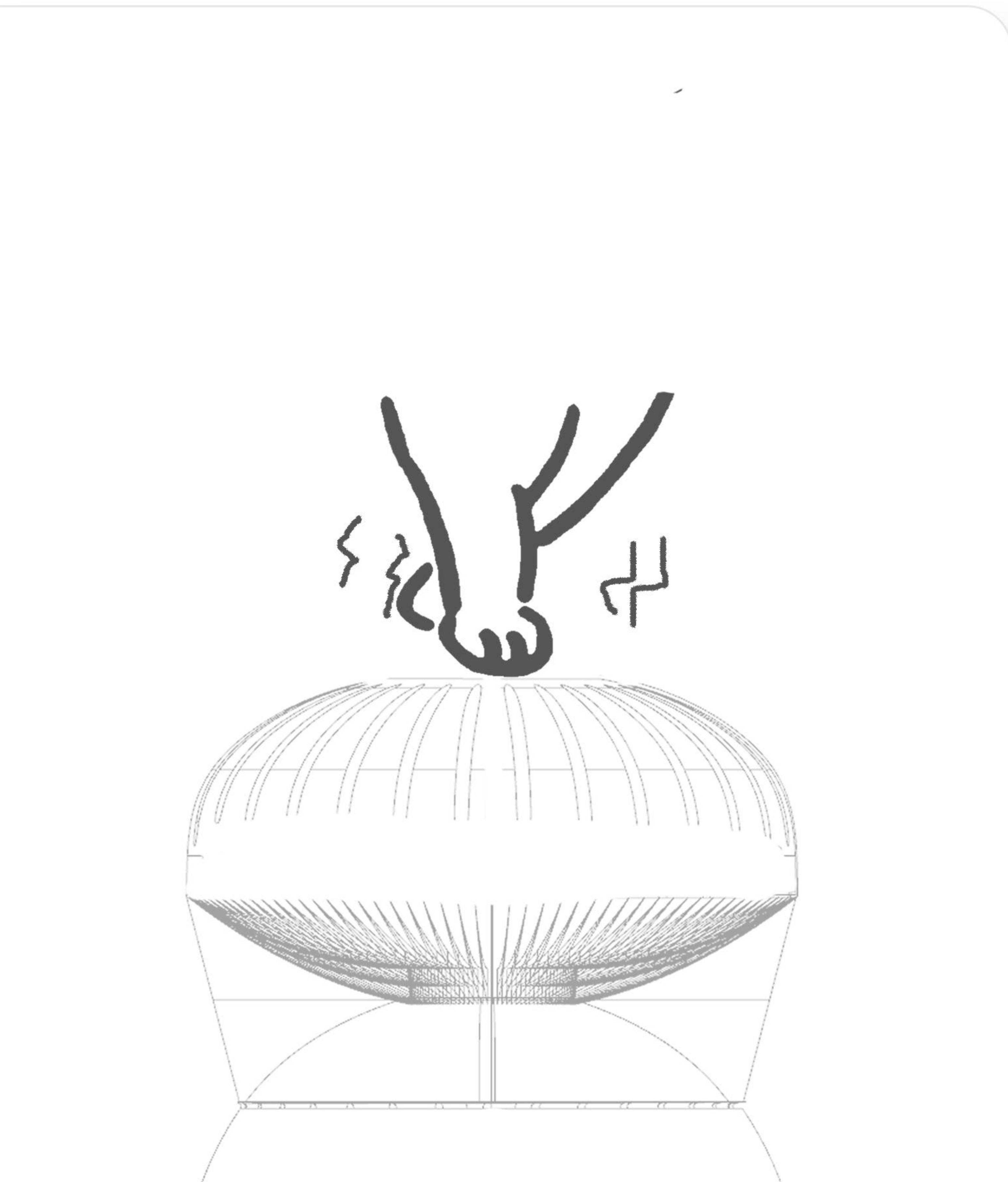
方便站立，飞毛

Easy to stand, flying hair



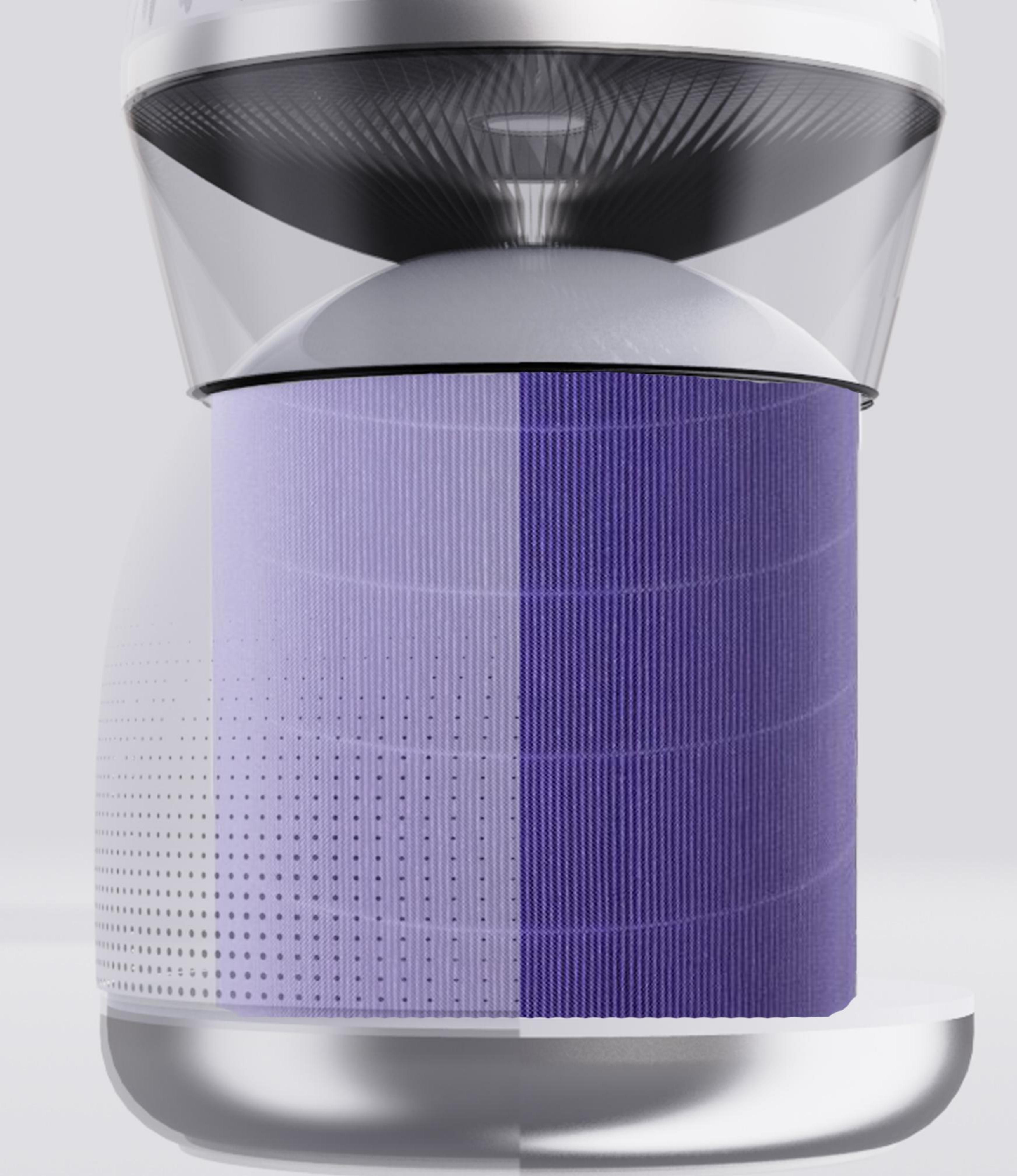
圆顶设计，难以落脚

Dome design, difficult to settle down





**SENMO**



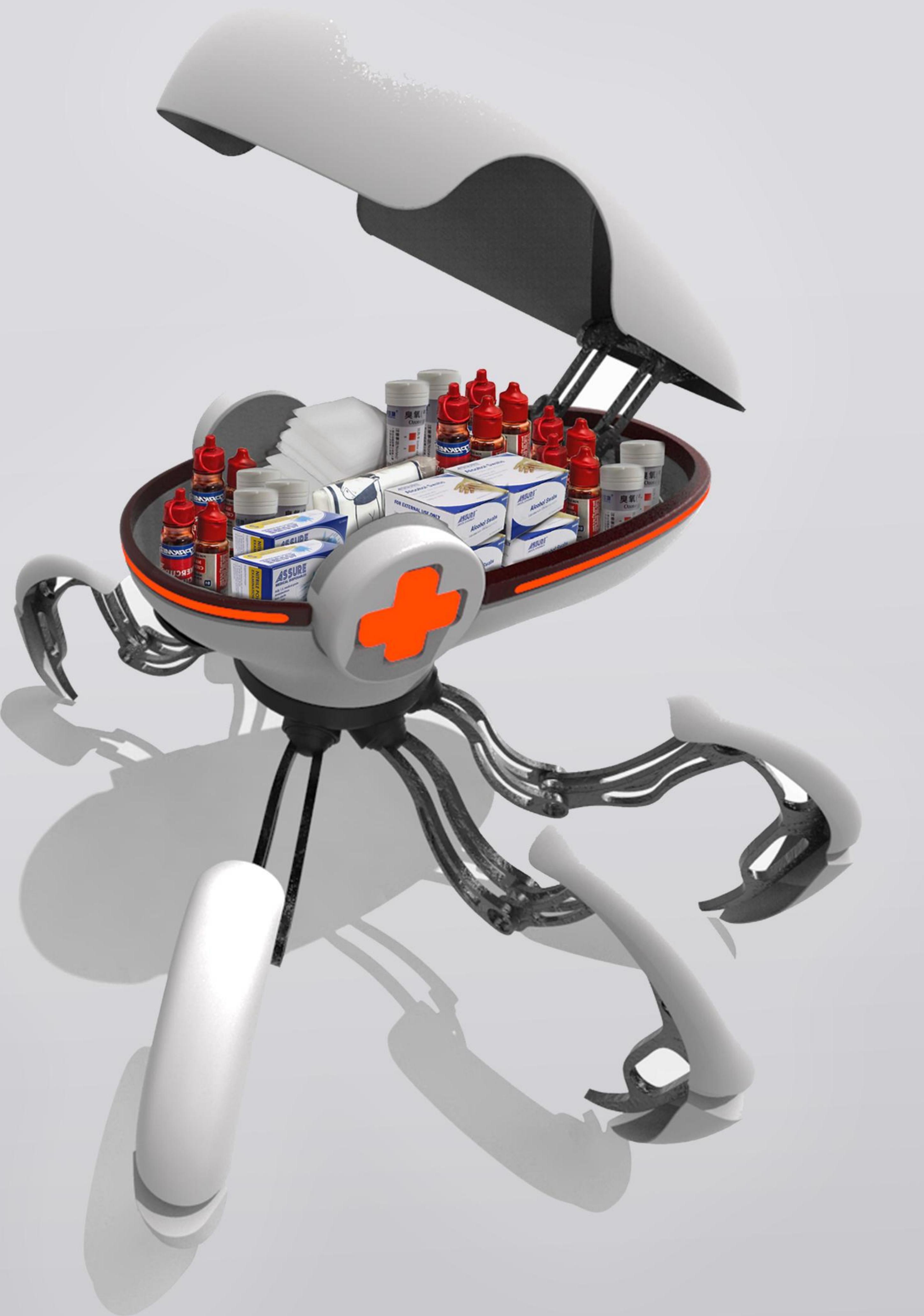












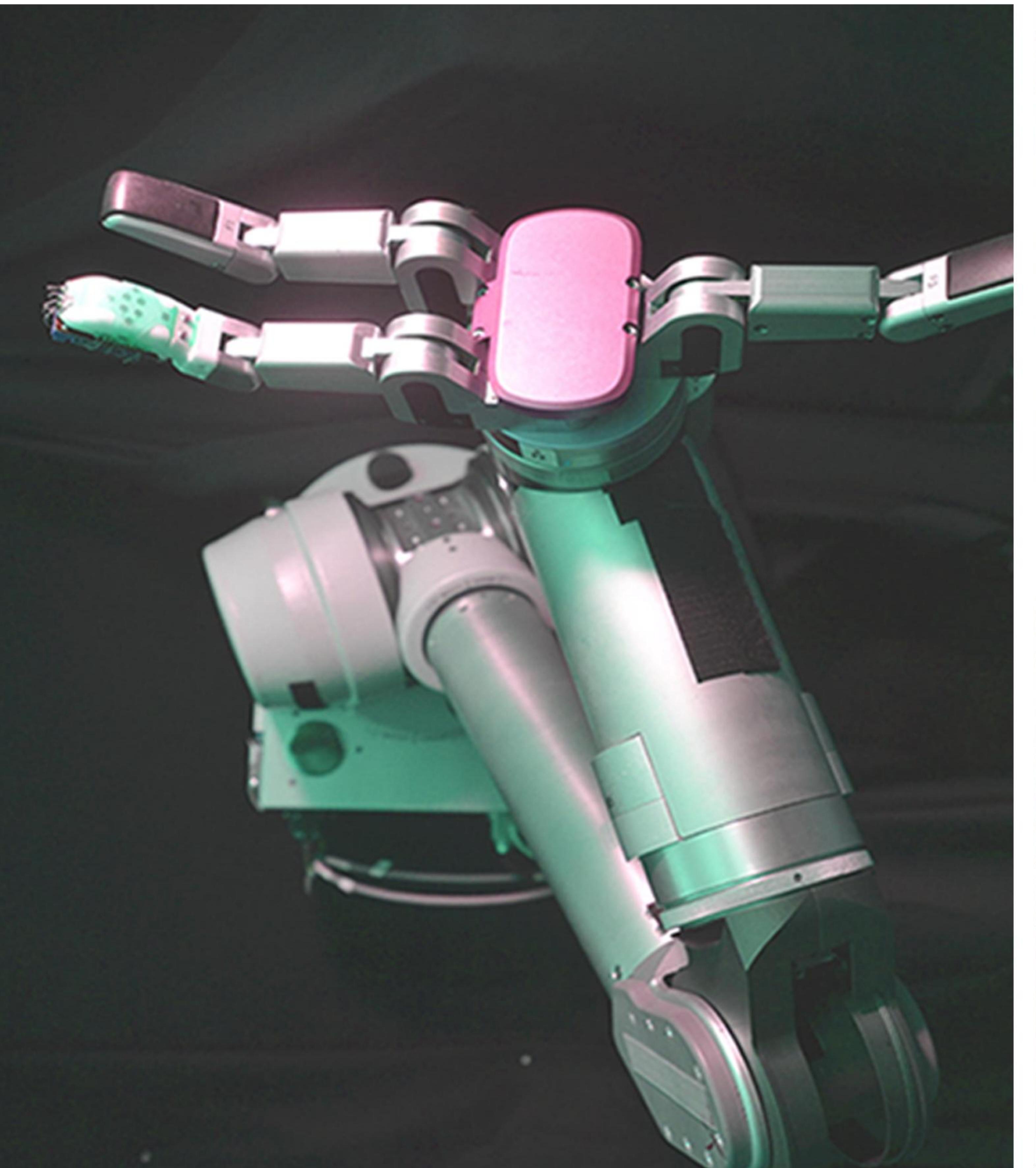
# 小黑探

Seismic search and rescue robot design

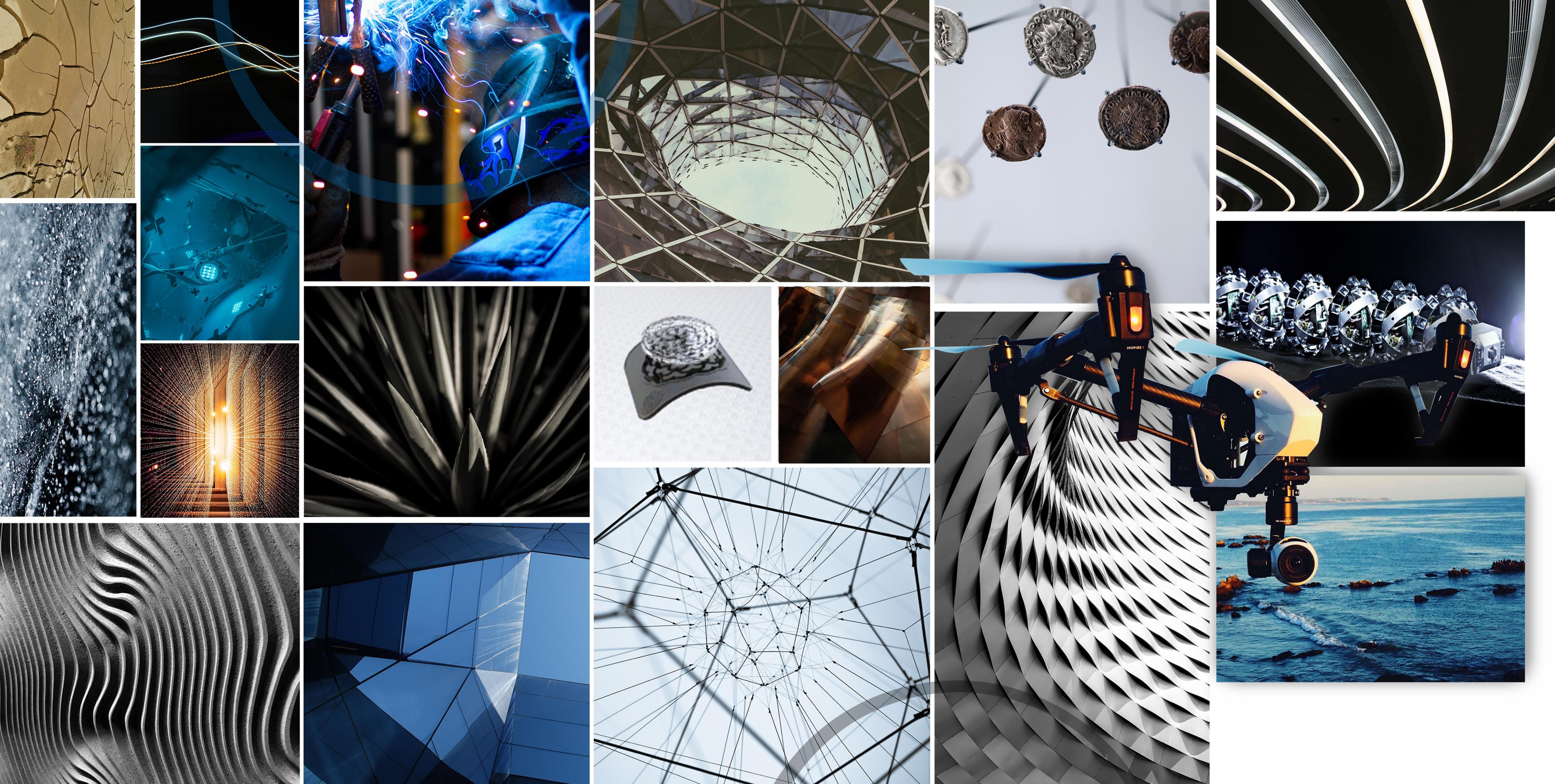
## 小黑探

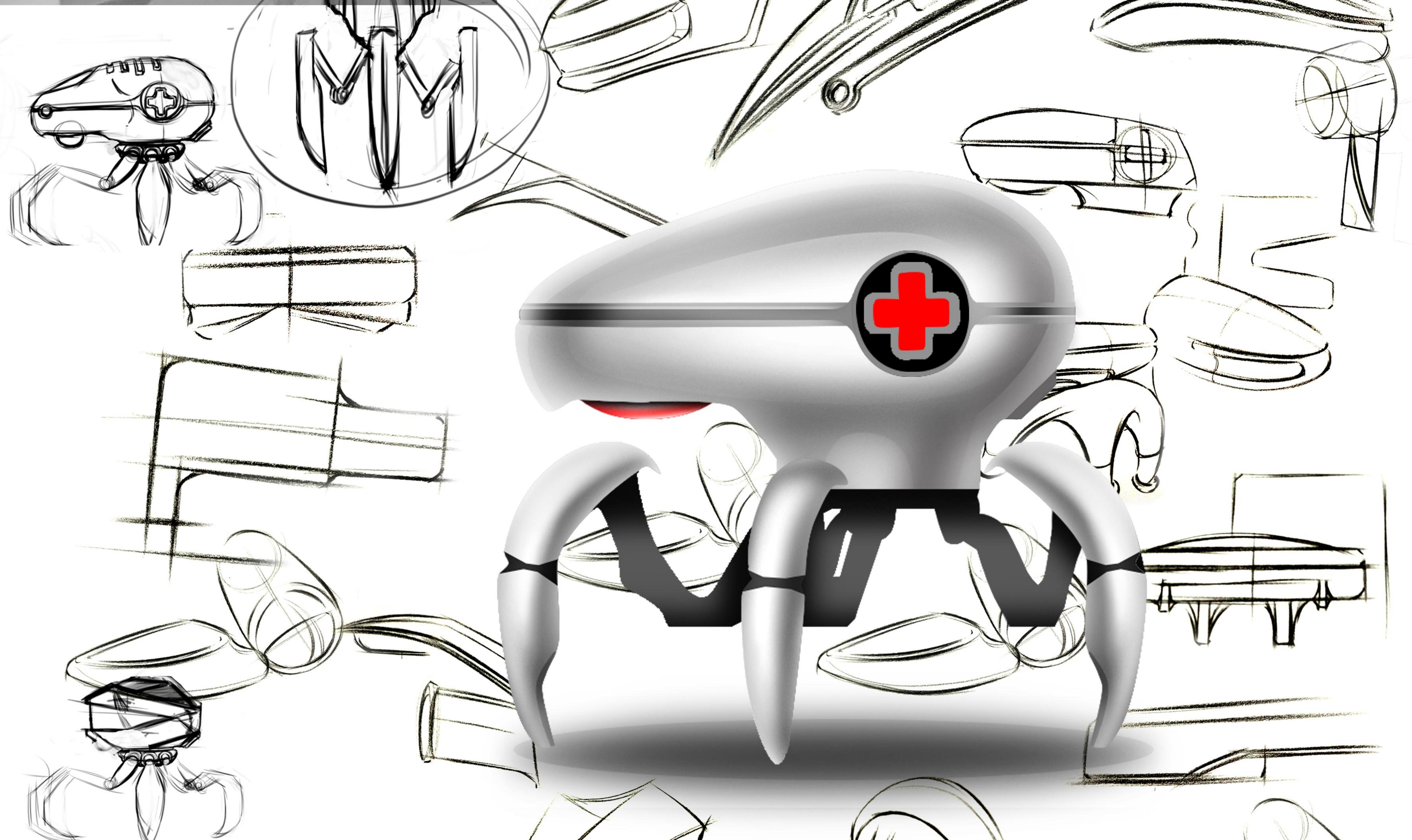
After the earthquake, due to the aftershock and the shortage of search and rescue personnel, the search and rescue difficulty has become very large, and the search and rescue dogs and infrared explorers in the traditional sense have limited use due to the complex situation after the earthquake and the shortage of personnel. In response to this, the small black probe targeted the complex geography after the earthquake. The environment and the shortage of search and rescue personnel are designed, and equipped with a simple emergency rescue medicine box, which will release the geographical location of the burial site to the system when the buried personnel are found, assist in completing the search and rescue task, and reduce the difficulty of search and rescue after the earthquake and the pressure on personnel.

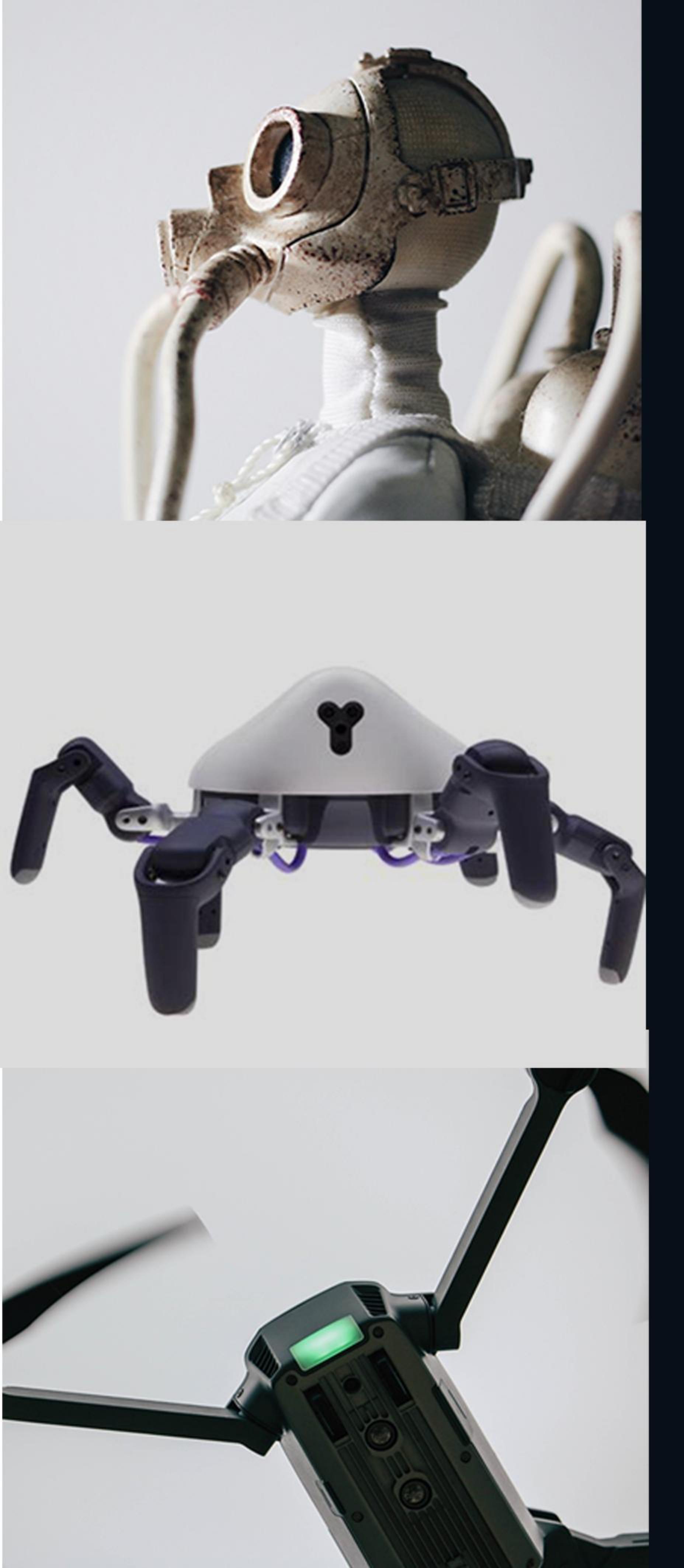
在地震发生后，由于余震以及搜救人员不足的情况，搜救难度变得非常大，传统意义上的搜救犬及红外探索仪由于震后的情况复杂及人员不足也存在使用局限。针对此，小黑探针对震后复杂地理环境及搜救人员不足的情况进行设计，并搭载简单的紧急救助药箱，在发现掩埋人员时会对系统释放掩埋点的地理位置，辅助完成搜救任务，减轻震后搜救难度及人员压力。



CMF





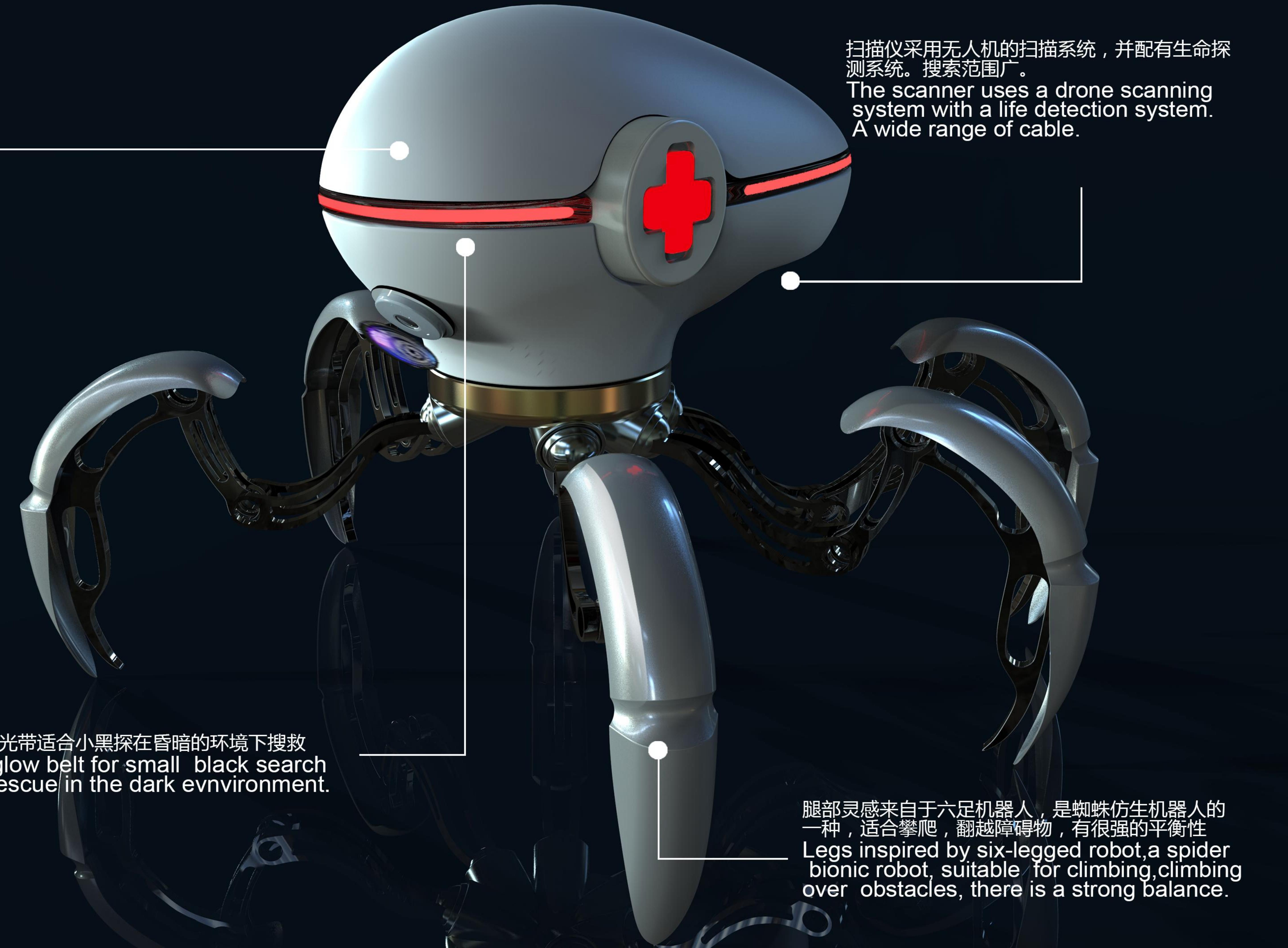


头部从普通机器人出发，使之更加圆滑轻巧  
Starting from the normal robot head ,making it more sleek and light weight



Life detectors based on an earthquake disaster designed to detect lives and provide rescue information during earthquakes.

红色发光带适合小黑探在昏暗的环境下搜救  
Red glow belt for small black search and rescue in the dark environment.



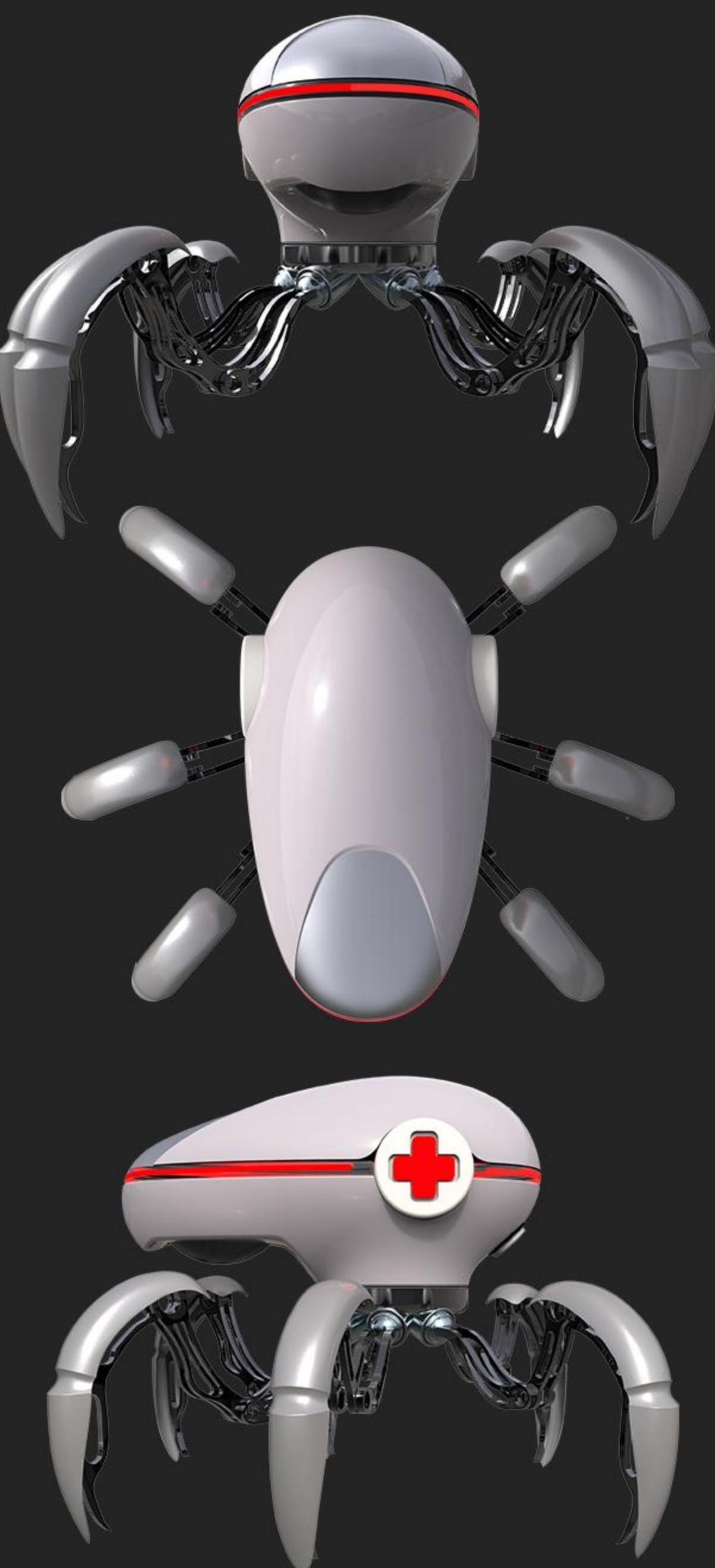
扫描仪采用无人机的扫描系统，并配有生命探测系统。搜索范围广。  
The scanner uses a drone scanning system with a life detection system. A wide range of cable.

腿部灵感来自于六足机器人，是蜘蛛仿生机器人的  
一种，适合攀爬，翻越障碍物，有很强的平衡性  
Legs inspired by six-legged robot,a spider bionic robot, suitable for climbing,climbing over obstacles, there is a strong balance.

# Three view

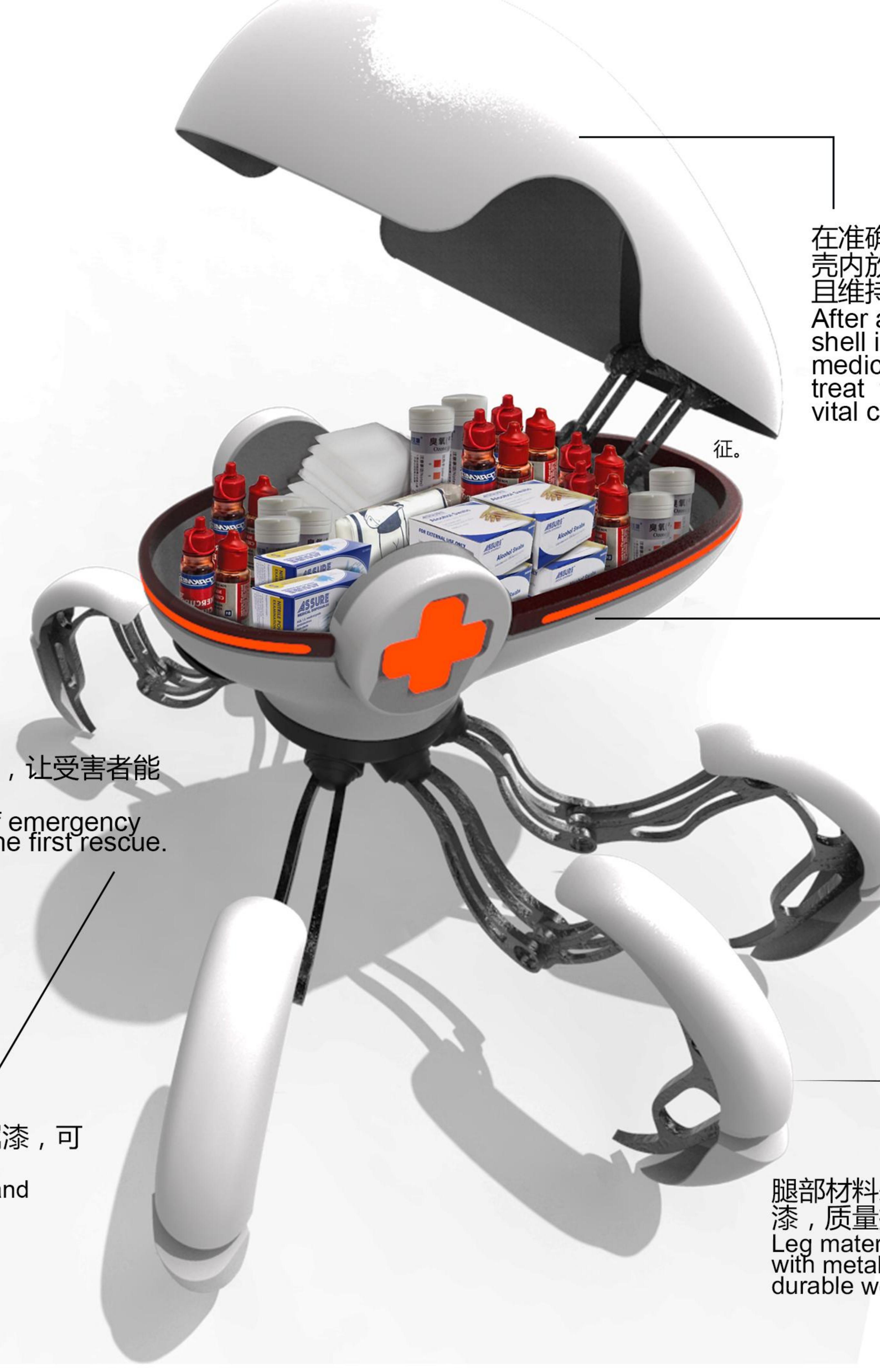
三视图和细节图能看出它用三个关节组成的腿部进行攀爬翻越和搜救

Three views and details of the figure can be seen it with three joints of the leg climbing climb and search and rescue.



在准确定位受害者的位置后，会自动弹开外部上壳，壳内放置了一些急用药品，能第一时间给受害者治疗且维持生命特征。

After accurately locating the victim, the outer upper shell is automatically bounced off. Some emergency medicine is placed in the shell, which can be used to treat the victim for the first time and maintain the vital characteristics .



药品补给箱里能放置大量的紧急药，让受害者能第一时间获得救助。

Drug supply box can place a lot of emergency medicine, so that victims can be the first rescue.

关节处采用不锈钢材质，并涂上金属漆，可以有效防止腐蚀。

The joints are made of stainless steel and painted with metallic paint to prevent

红色发光带能够使小黑探在昏暗的环境中也能持续准确的工作。

The red glow band enables small black probes to continue working accurately in a dimly lit environment.

腿部材料采用铝合金，并在表面涂上金属漆，质量持久耐磨。

Leg material with aluminum alloy, and coated with metal paint on the surface, the quality of durable wear.





# Black probe

It is not only used in the earthquake environment, it is free to deal with all kinds of ruins disasters

.它不仅用于地震环境，各种废墟灾害它都能自由的应对。



Rescue for various disaster ruins.  
用于各种灾难废墟的救援。



The body is equipped with a variety of emergency medicine  
体内备有各种急用药品



Can accurately search and locate the affected person's location.  
能够准确的搜寻和定位受灾人地点。



Timely delivery of positioning information  
能够及时的传递定位信息





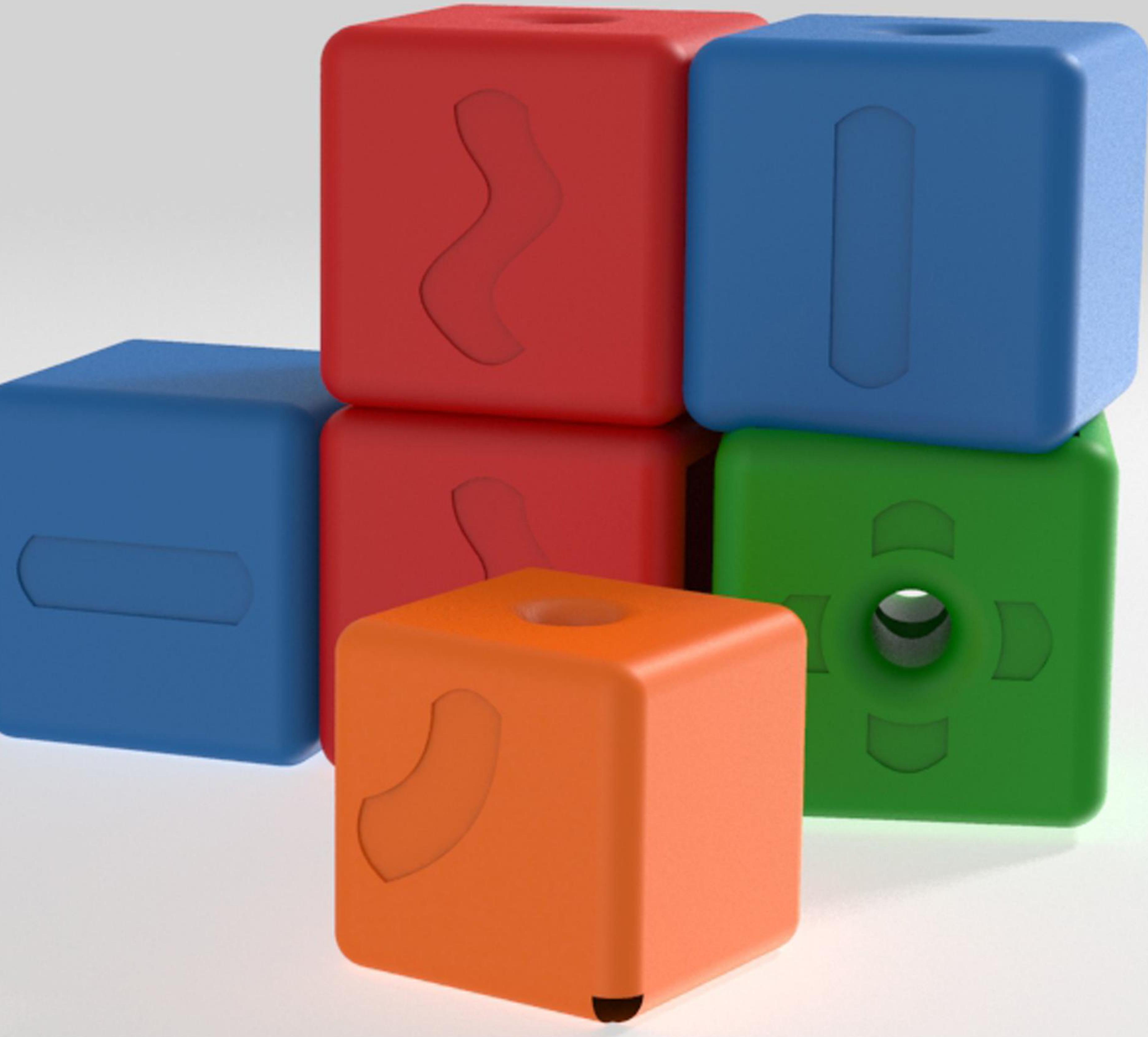
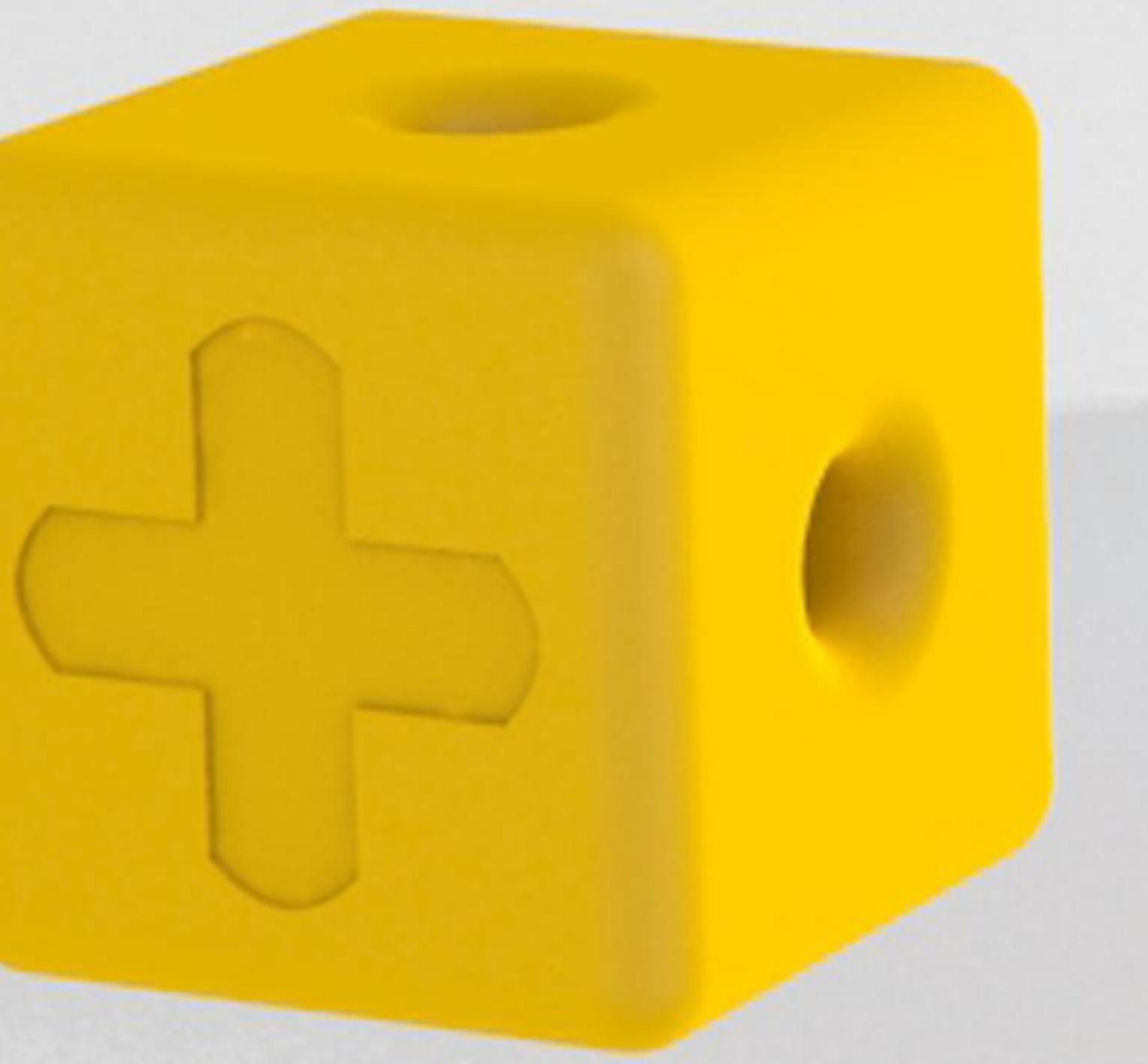
# MUSIC BLOCKS


Music blocks designed for visually impaired children

# POSTMAN

In today's world of information , we are in a world of information explosion, daily life we have to face a variety of social information, more often than not, but neglect to communicate with the closest family around us. Faced with this situation, POSTMAN passed the microphone from childhood. Get inspired, carry the role of family microphones and message machines in the image of the information staging box, and set the information to the operation mode of deleting after recording the next entry, simplify the mode of information transmission, and enhance the communication mode of emotion. Use this to motivate family members to be positive. Express love, but also cherish every word that the people around you have said to themselves, and retain the pure land of innocence in the information world.

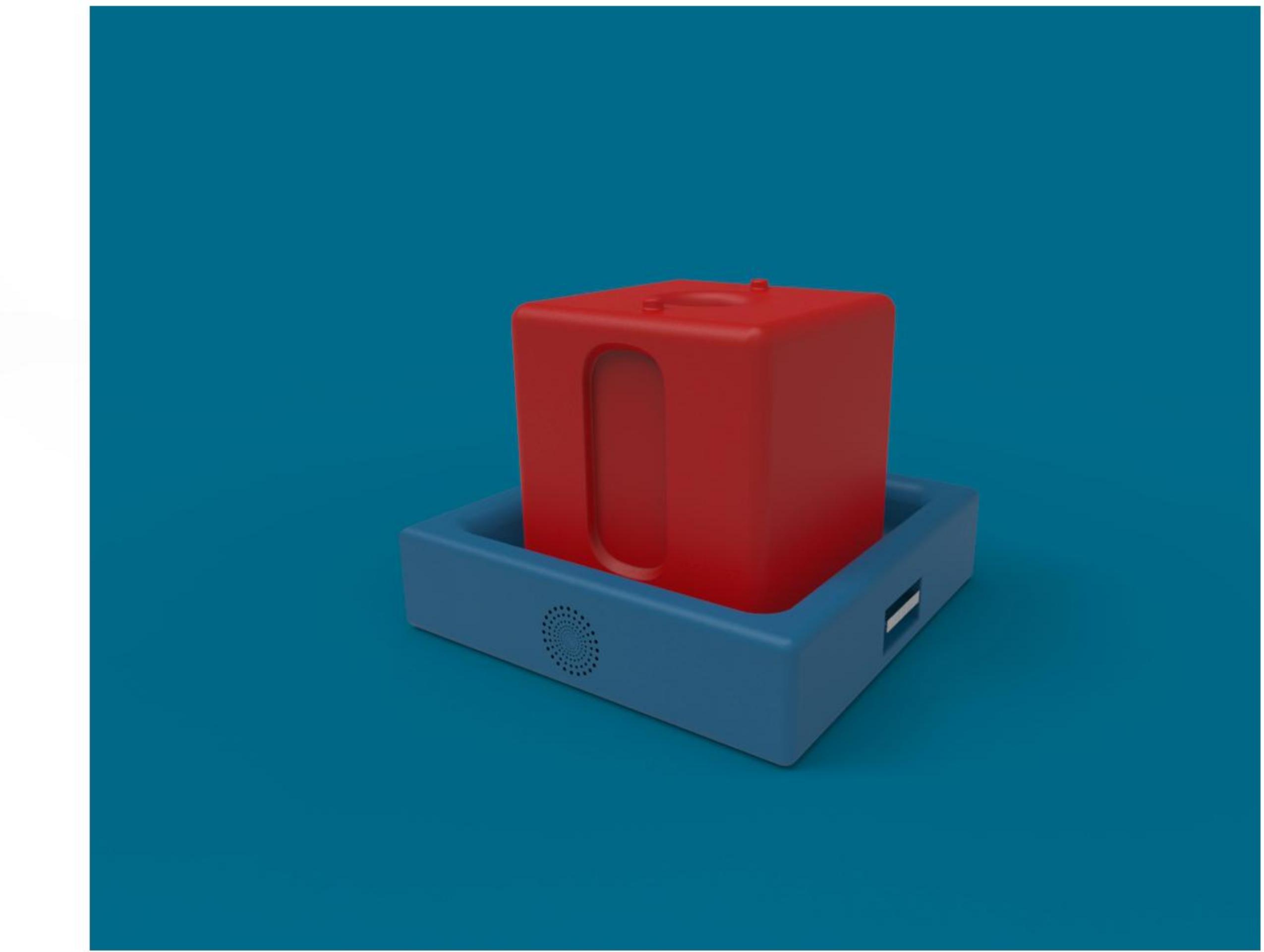
当今世界信息繁杂，我们处在一个信息爆炸的世界，日常生活我们不得不面对各种各样的社交信息，更多时候反而忽略了跟身边最亲近家人的交流。面对这种情况，POSTMAN从小时候的传话筒中获取灵感，以信息暂存盒子的形象承载家庭传话筒和留言机的角色，并将信息设定为录完下一条即删的运行模式，简化信息的传达模式，增进情感的沟通方式。利用这种方式激励家庭成员积极表达爱，同时也珍惜身边人对自己说过的每一句话语，留存信息世界的一方纯真净土。







充电场景展示 : Charging scene display:

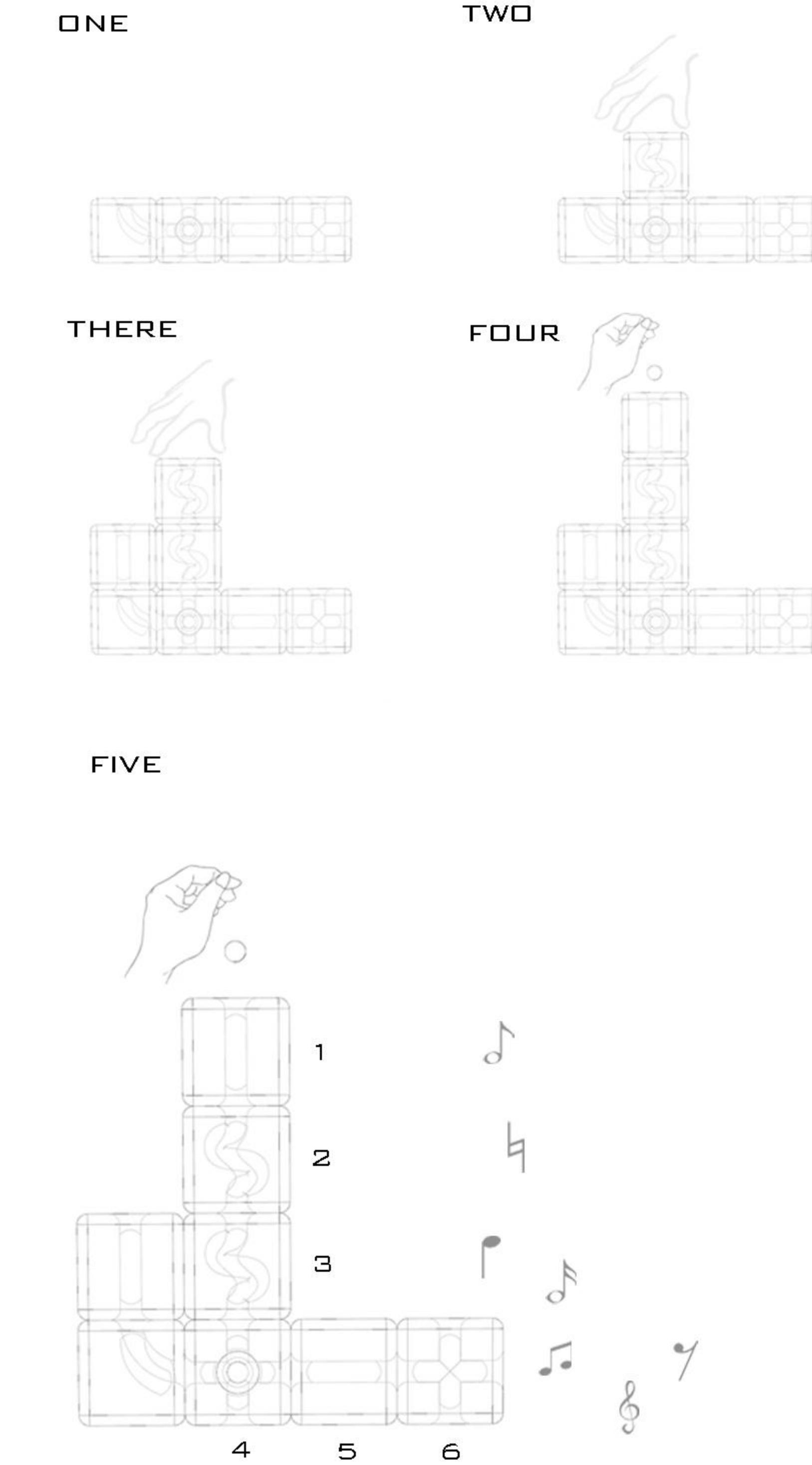


发声原理 : Sound principle:

利用电磁感应原理，类似于超市防盗检验门，每种通道对应一种音阶。当投入小球后，内部的电磁感应通道感应到小球通过，同时充电和发声盘发出声音。根据每次通道的排列情况不一样，产生不一样的空间结构。并反馈不一样的音乐。

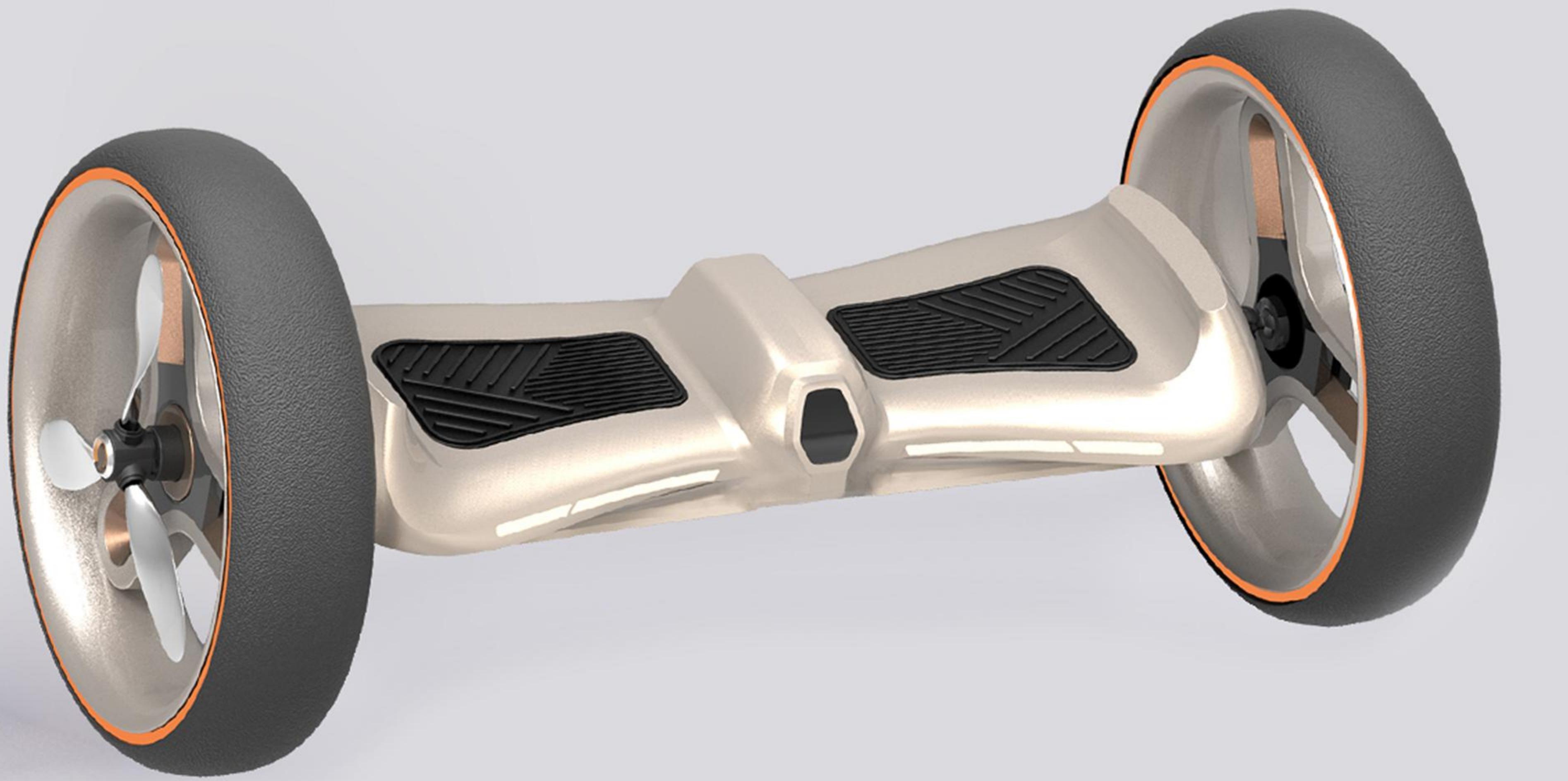
Utilizing the principle of electromagnetic induction, it is applied to anti-theft inspection doors in supermarkets. Each channel corresponds to a scale. When the ball is introduced, the internal electromagnetic induction channel senses the passage of the ball and emits sound at the same time. According to the arrangement of each channel is different, different spatial structure. And feedback different music.

操作过程 : Operation process:









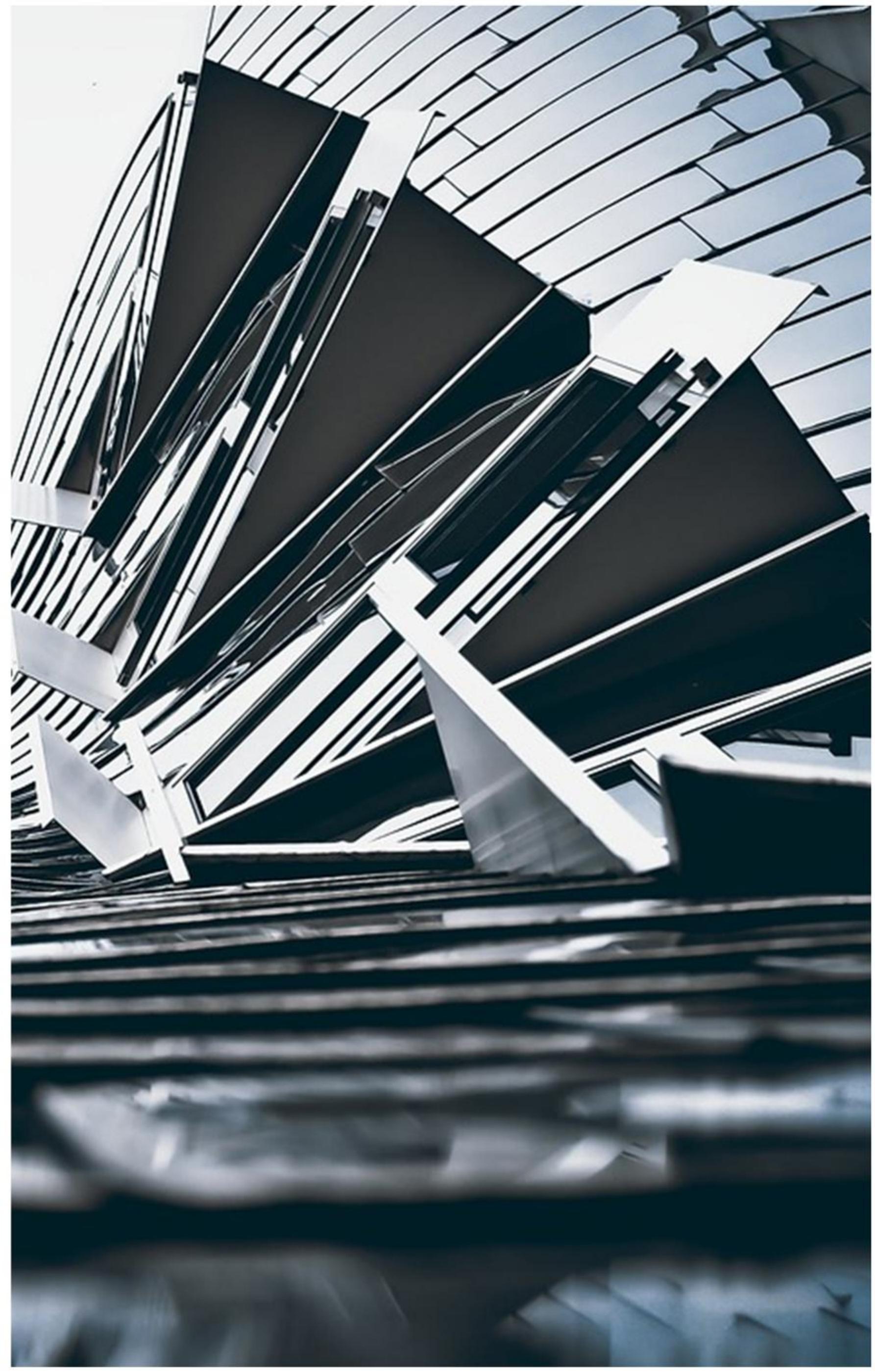
# 折叠平衡车


Balance car styling design

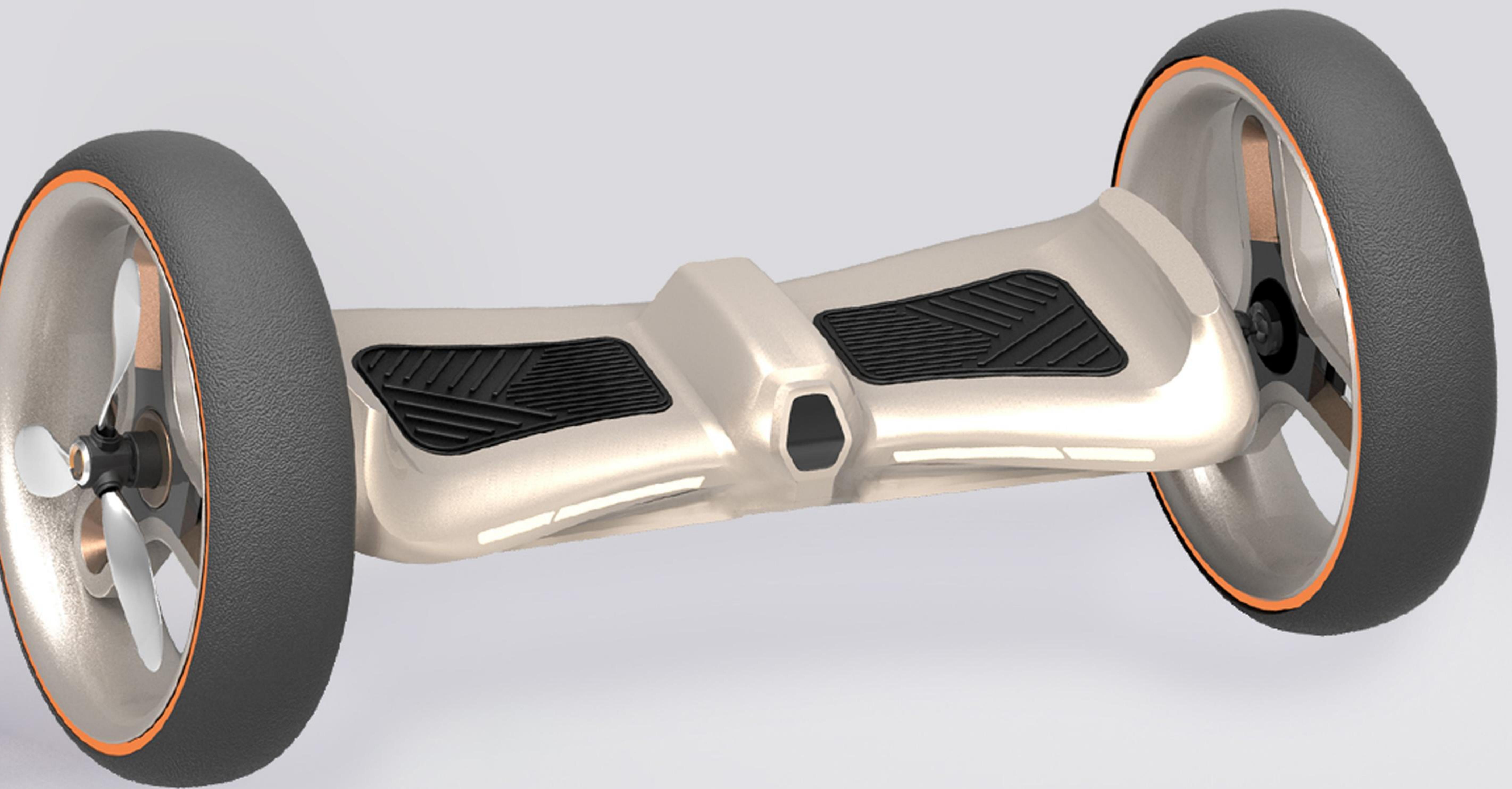
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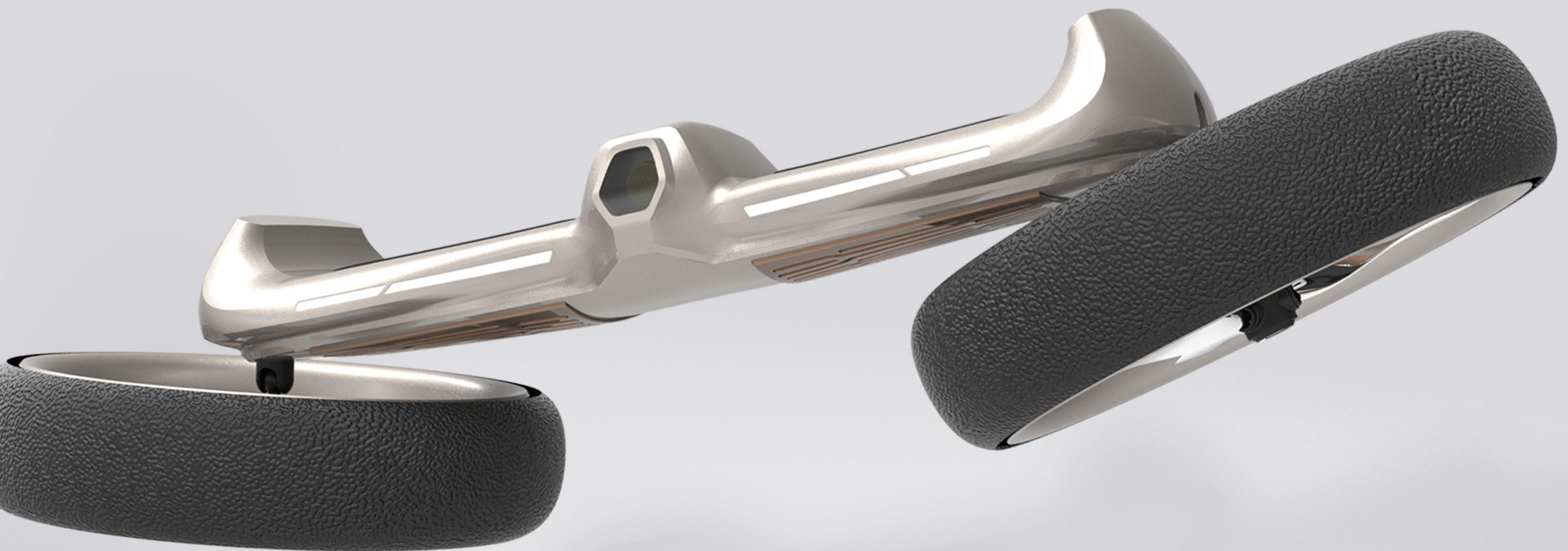
As a popular entertainment and transportation tool for young people, the balance car adapts to the lifestyle of young people with a variety of shapes, but most of the current balance bikes are bulky and large, and it is not easy to carry and store when changing other forms of entertainment. So, consider young people have a variety of lifestyles, and the balance car is shaped and structurally designed, so that it has the function of folding and is easy to carry.

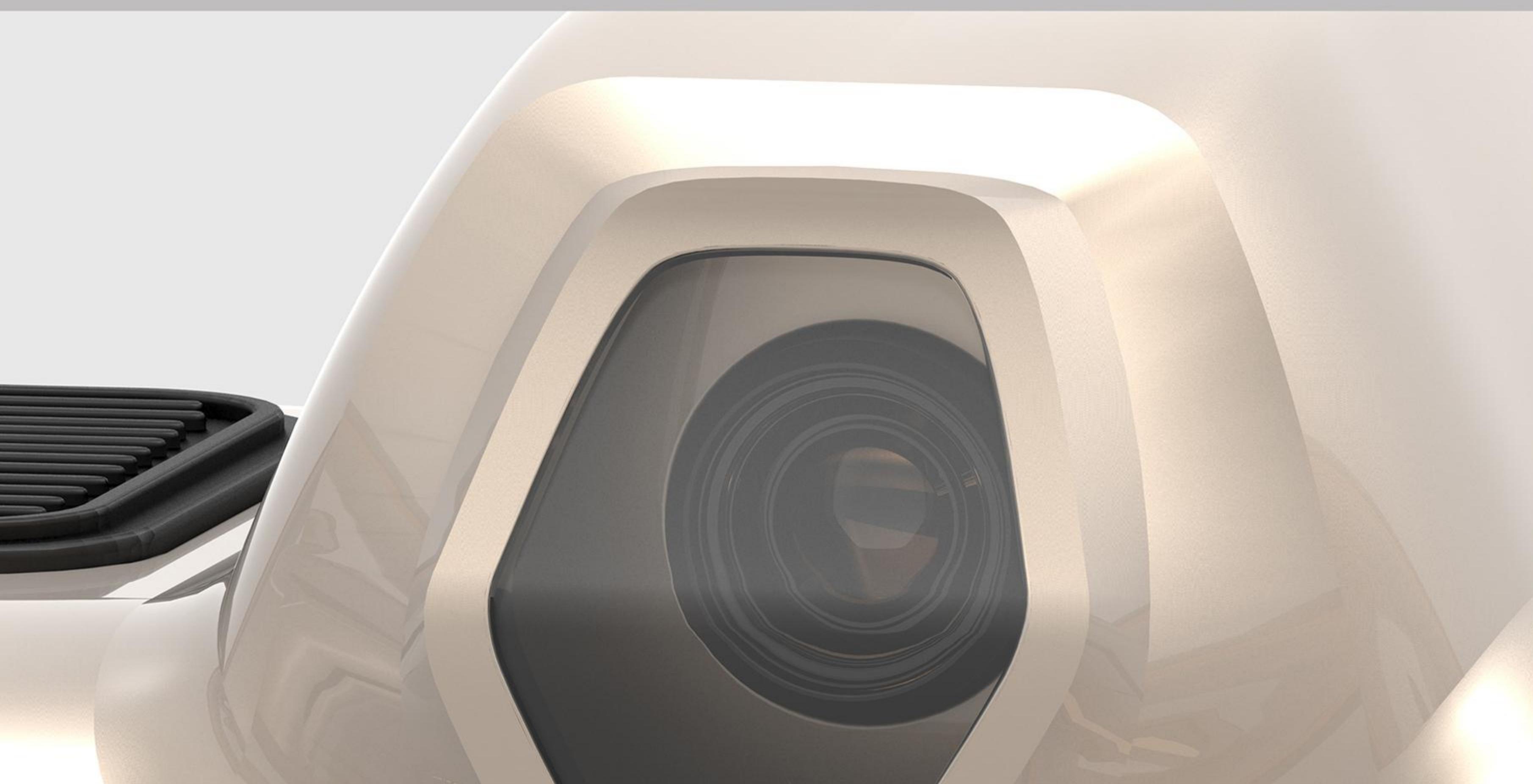
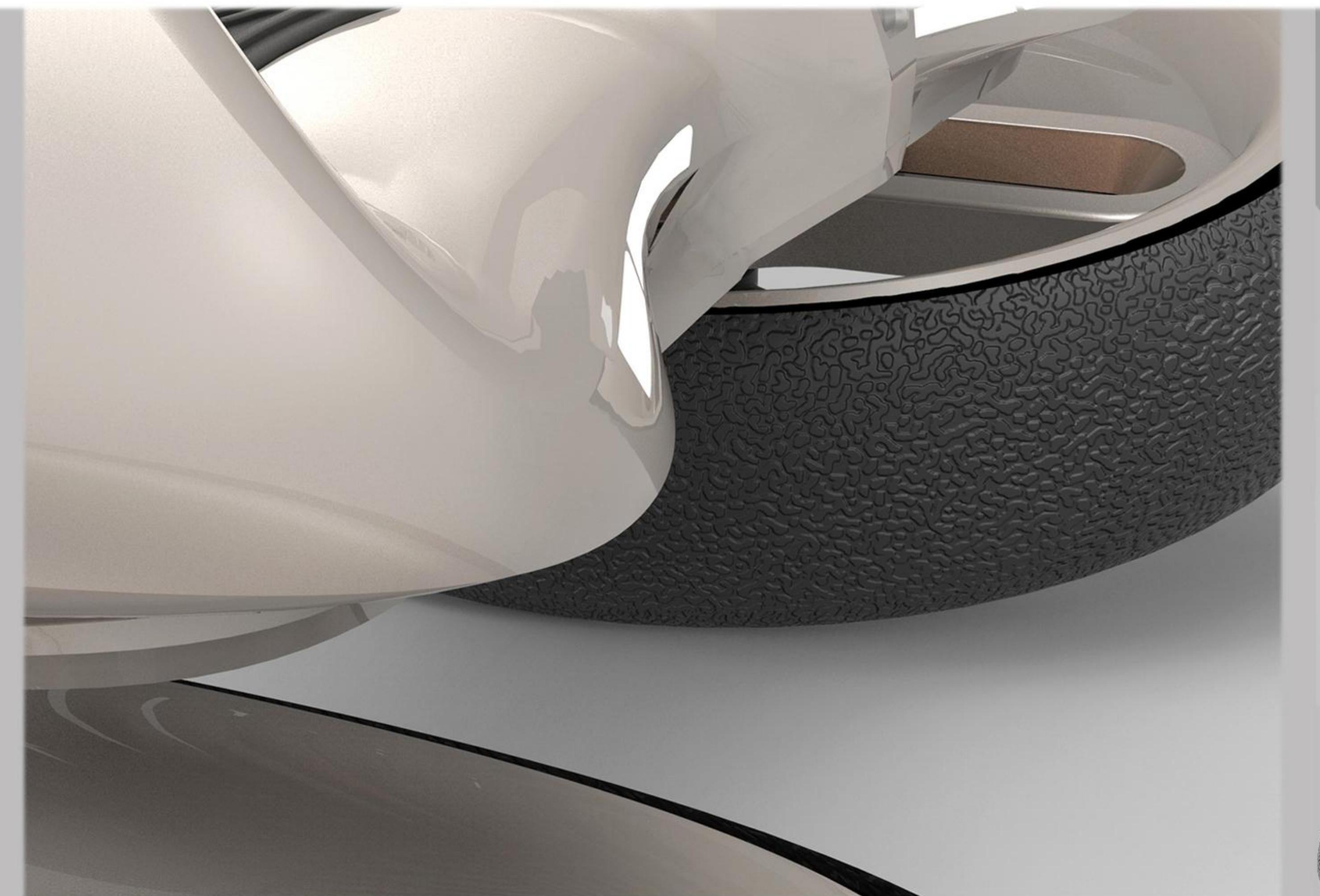
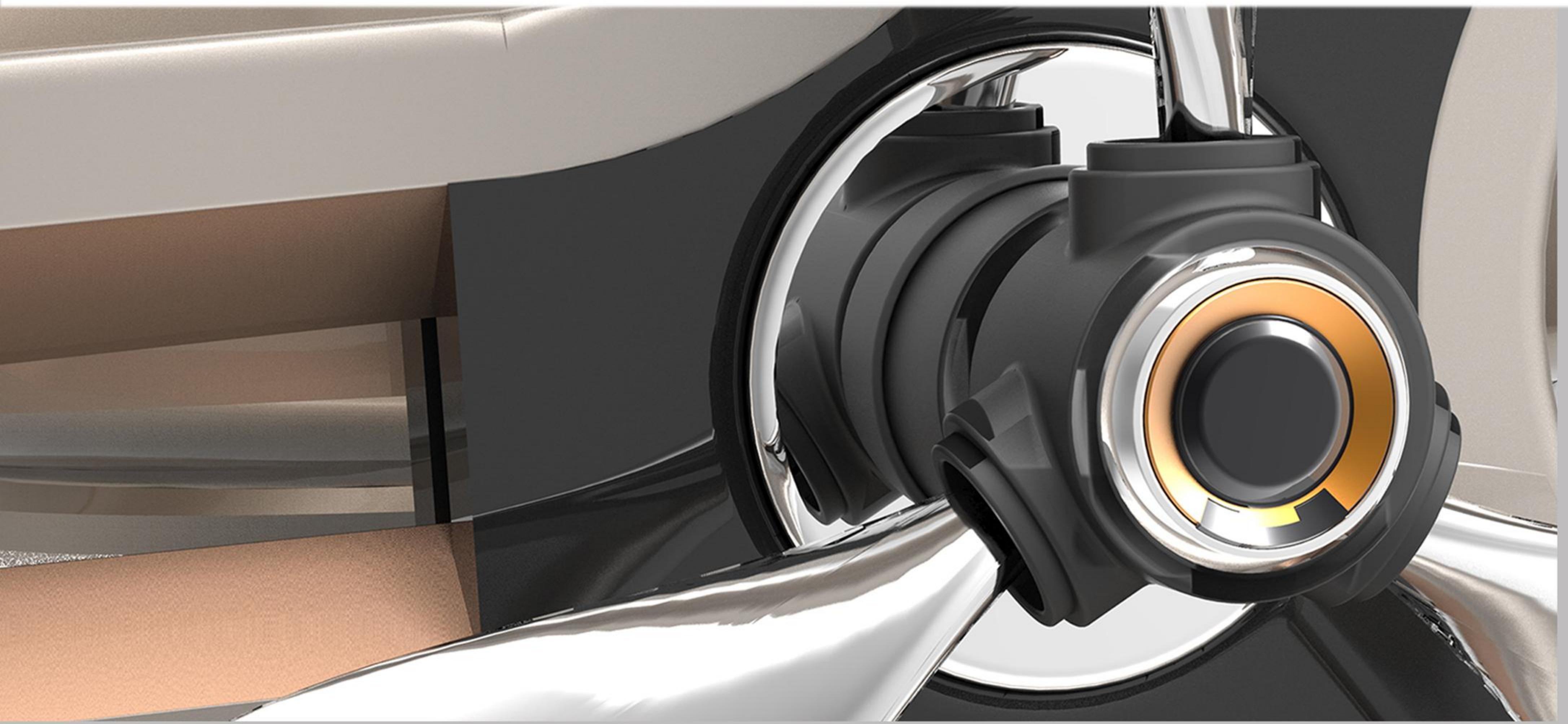
平衡车作为年轻人喜爱的娱乐和代步工具，以多样化的造型适应年轻人的生活方式，但目前的平衡车大多身材笨重，且体型较大，在更换其他娱乐形式时，不便于携带和收纳。因此，考虑到年轻人多样的生活方式，对平衡车进行造型及结构设计，使其拥有折叠的功能，方便携带。















# POSTMAN

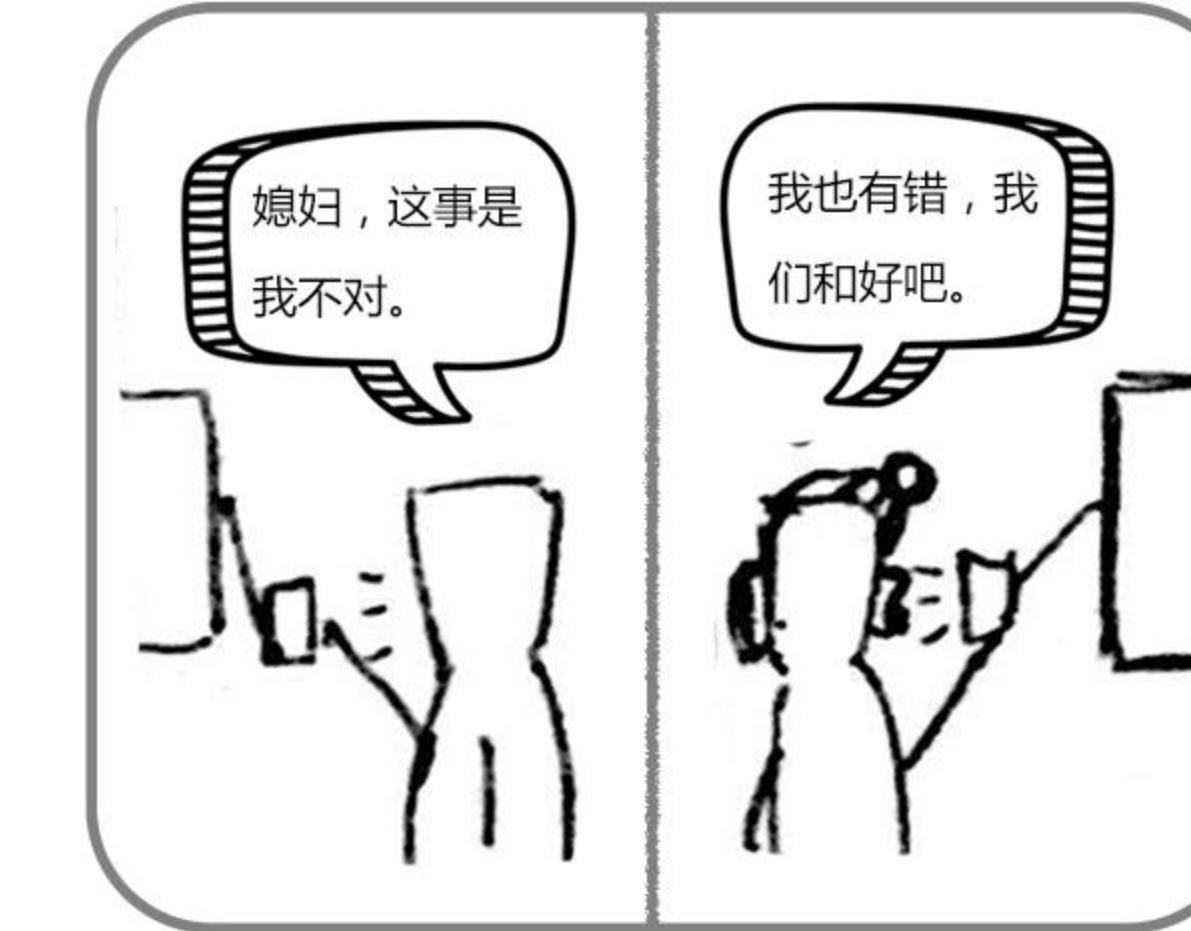
Home message machine design

# POSTMAN

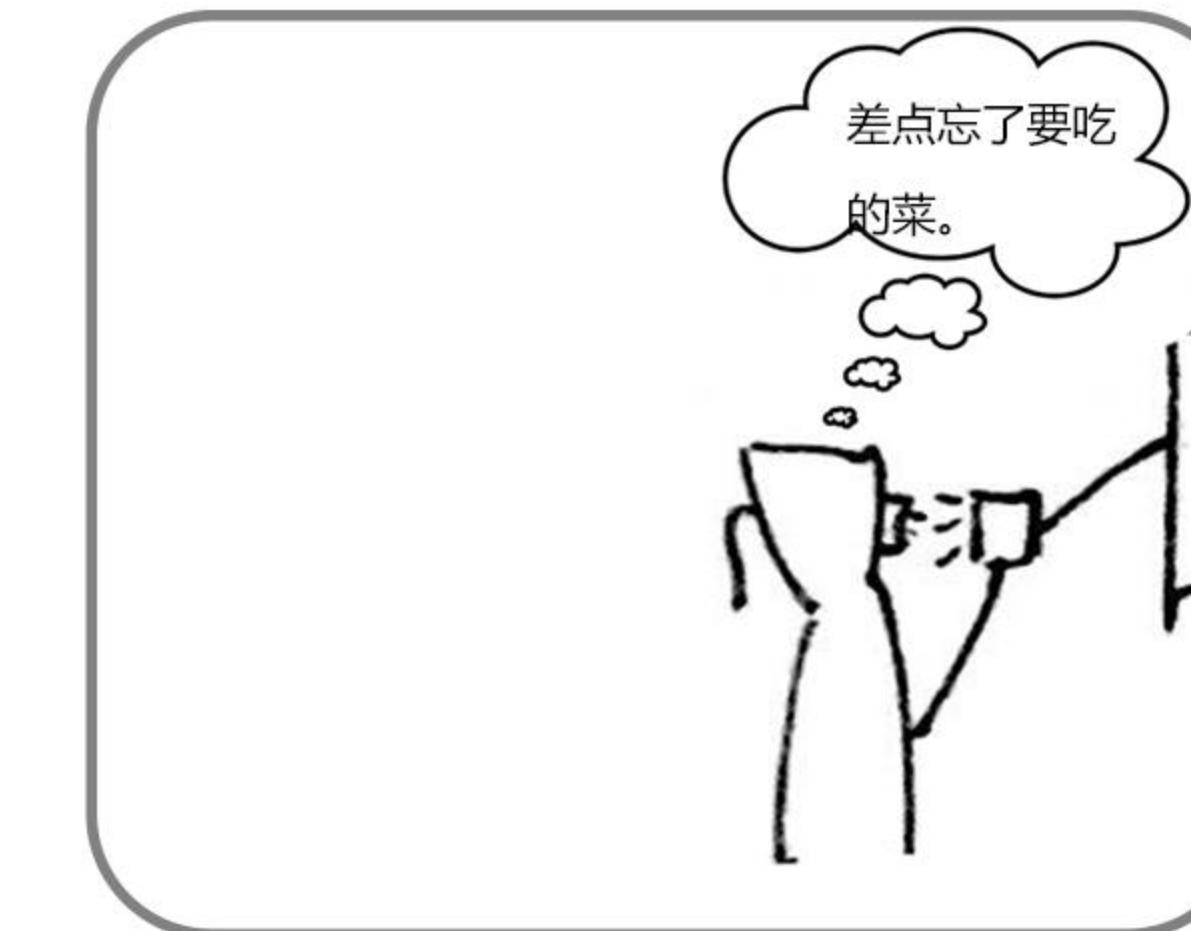
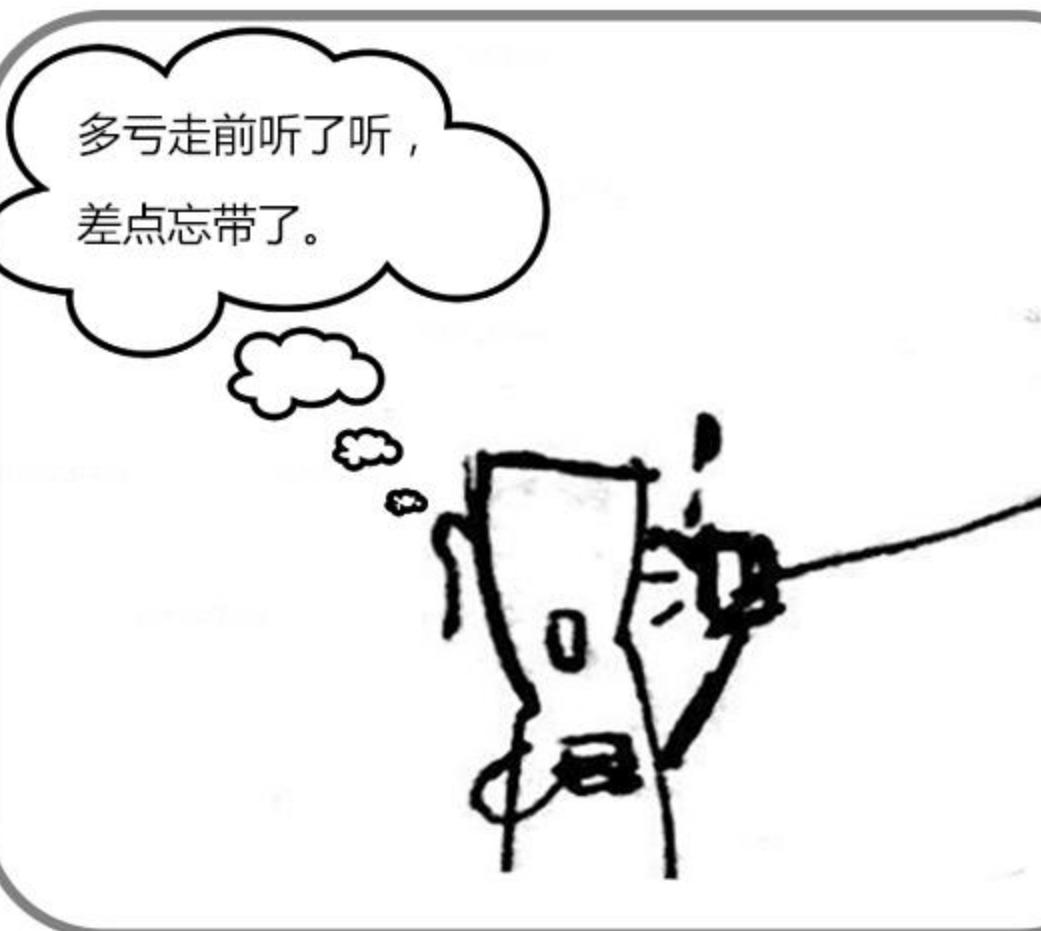
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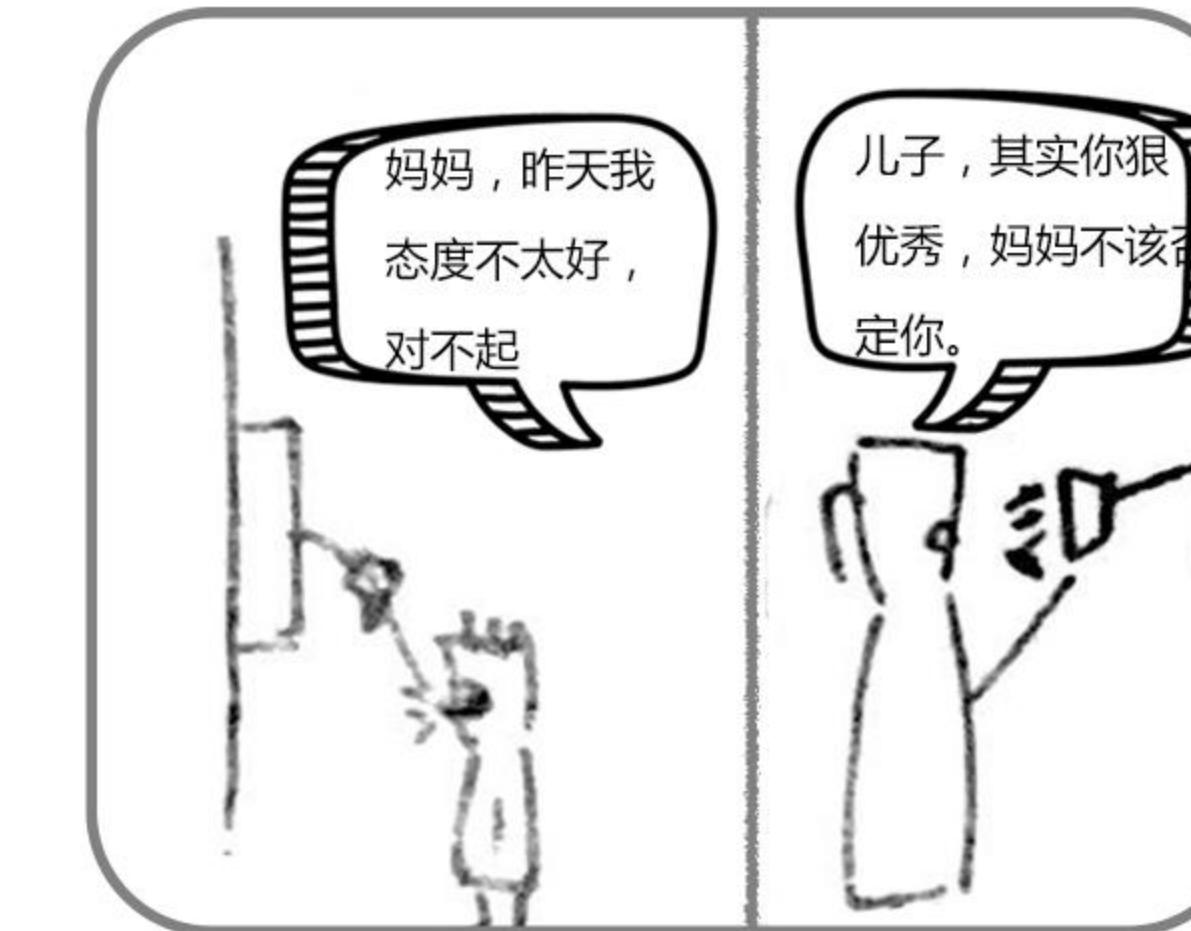
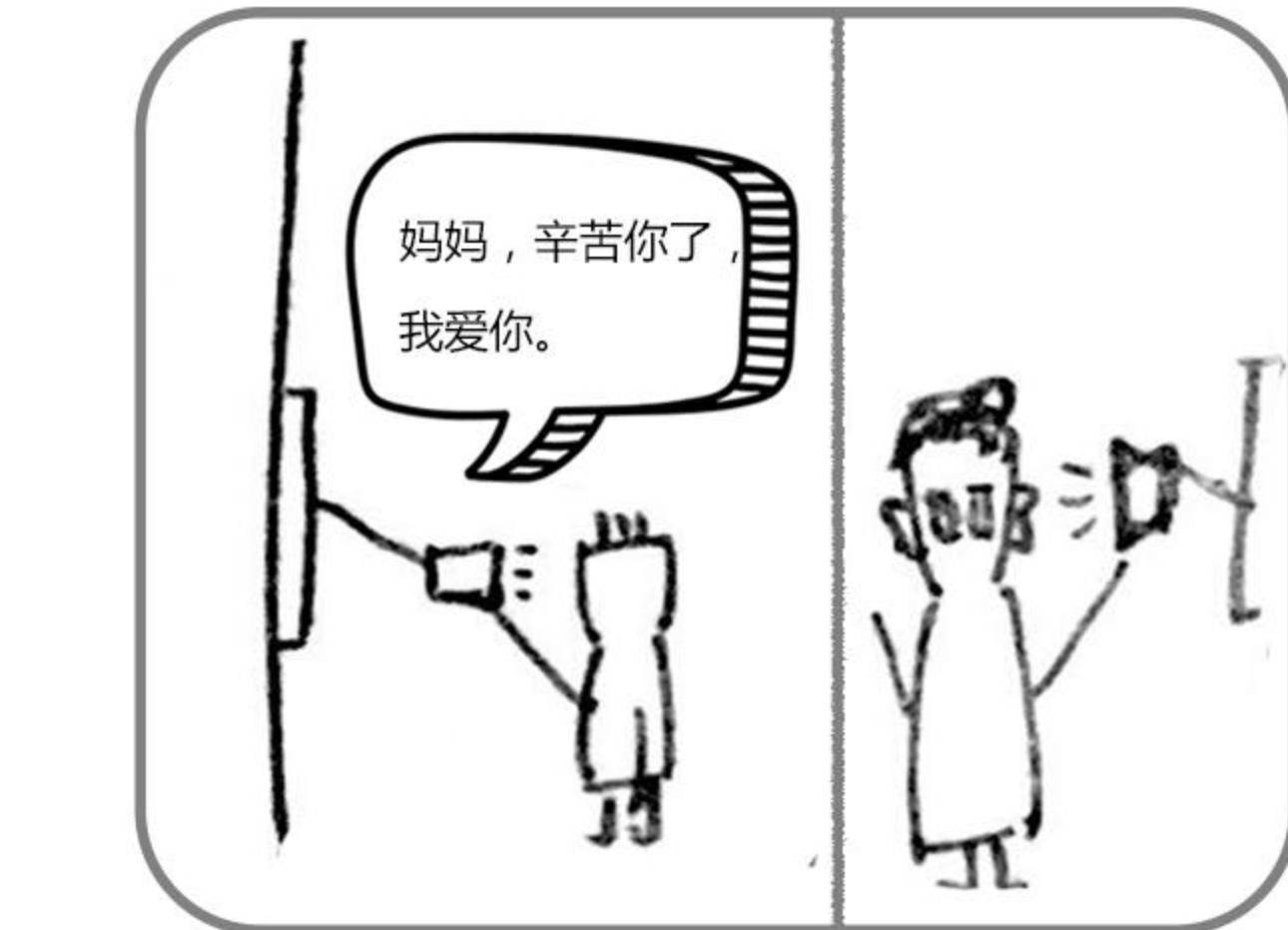
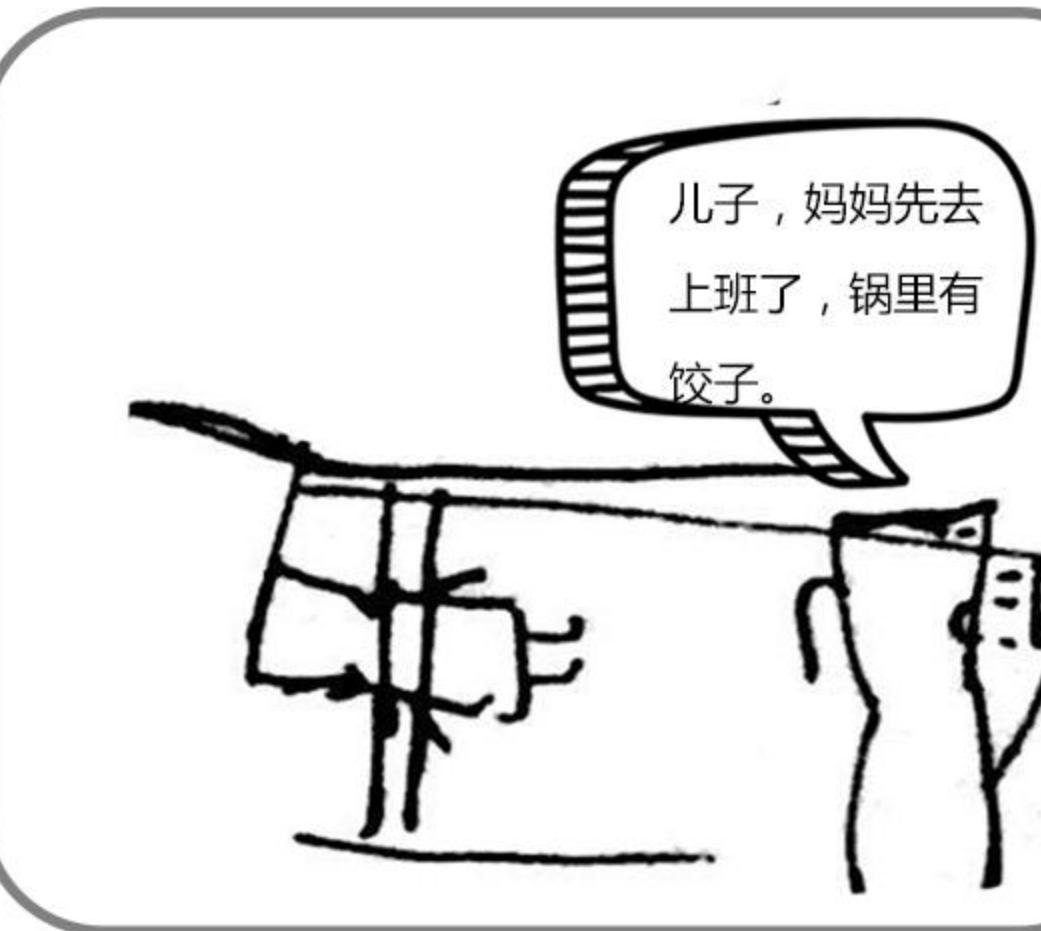
情侣  
Couple

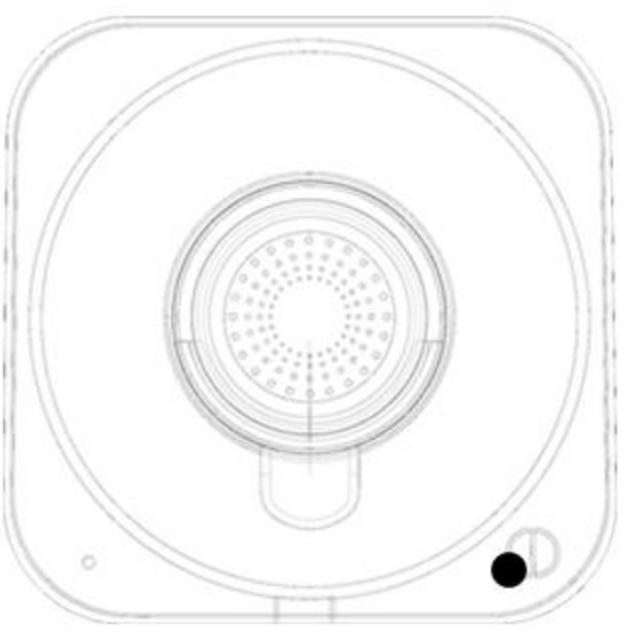


独居人士  
Gamblers



亲子  
Paternity

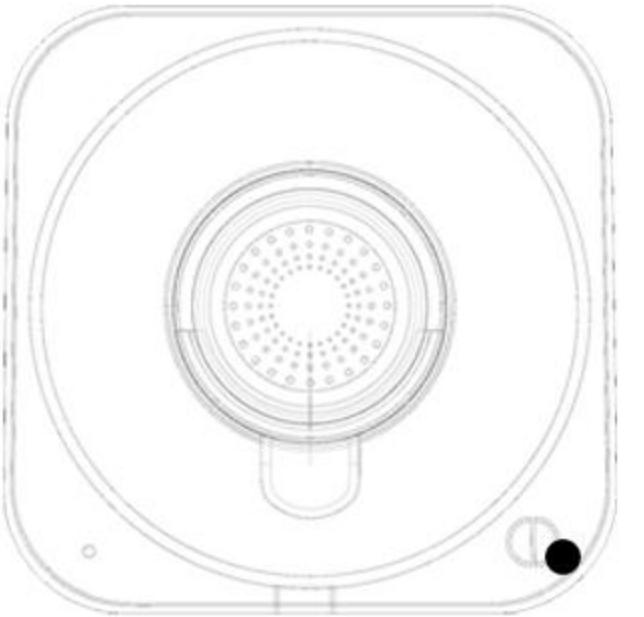




1.按下录音键  
Press the record button



2.拿起话筒对着说话再次按下录音结束  
Pick up the microphone  
and speak.  
Press the recording again  
to end.



3.按下放音键  
Press the play button



4.将听筒放在耳朵上声音重  
复播放  
Place the handset on your  
ear Sound repeat









