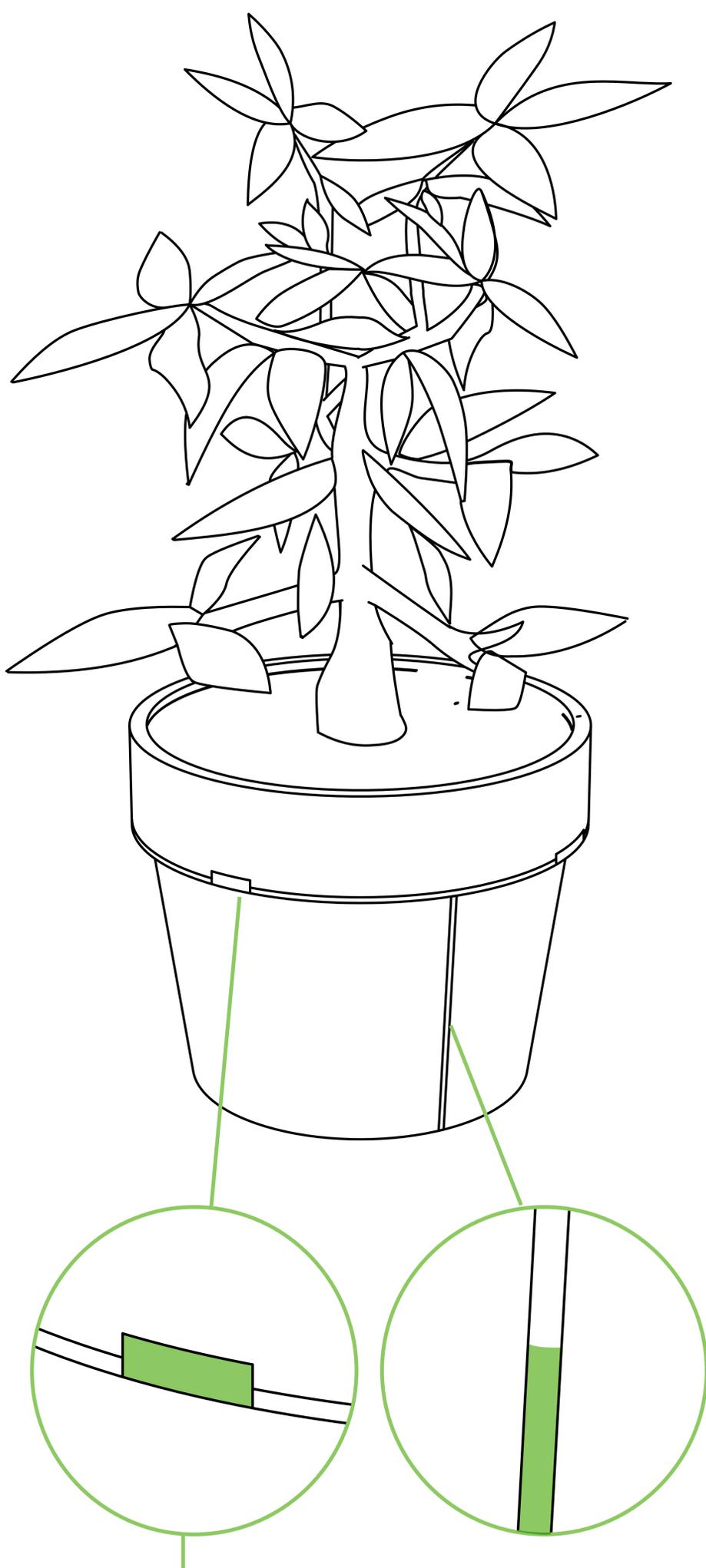


umgangsformen plant pot

The Concept

At home a plant can be easily forgotten after being in the same spot for while. It needs the right care to survive and have a healthy life. But sometimes people don't have the time or interest to even remember it is there. By adding „senses“ to the plant pot, it can communicate the plants needs and even react to them, thus giving it a chance for a better life and a state of independence.



Light Sensors

The top of the plant pot has three light sensors integrated evenly distributed through its perimeter. These sensors can read the lighting conditions in the room and thus choose the ideal location for the plant to rest. As sun light changes constantly during day time, the sensors tell the plant pot where to go.

How it works

A previously programmed electronic shield, in this case the open source Arduino technology, receives and processes the information sent by the sensors. The shield is connected to an independent twin motor and gives instructions for it to move according to the values received by the sensors. It can react faster or slower according to the intensity of light or shadow, thus making the plant pot move „by itself“.

Humidity Sensors

A visible LED line on the side of the plant pot is connected to a humidity sensor directly in contact with the plants earth. The LED line shows the water level and fades from top to bottom as it starts to loose humidity. This visual hint acts as a reminder for the owner to water the plant, but can eventually also give instructions for the plant pot to go in search for water.

