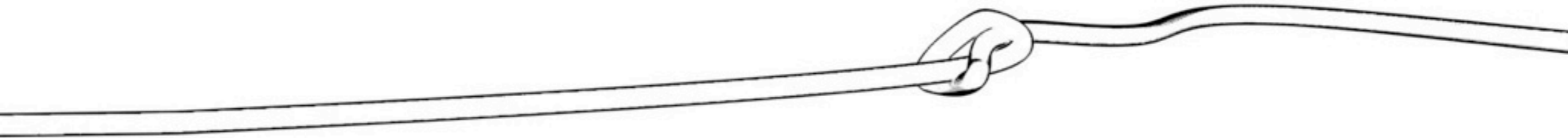


# Cord UI

## Part 1: Wires



# Motivation





# Motivation



# Related Work

TempoString: A Tangible Tool for Children's Music Creation

Liang He et al., UbiComp 2012

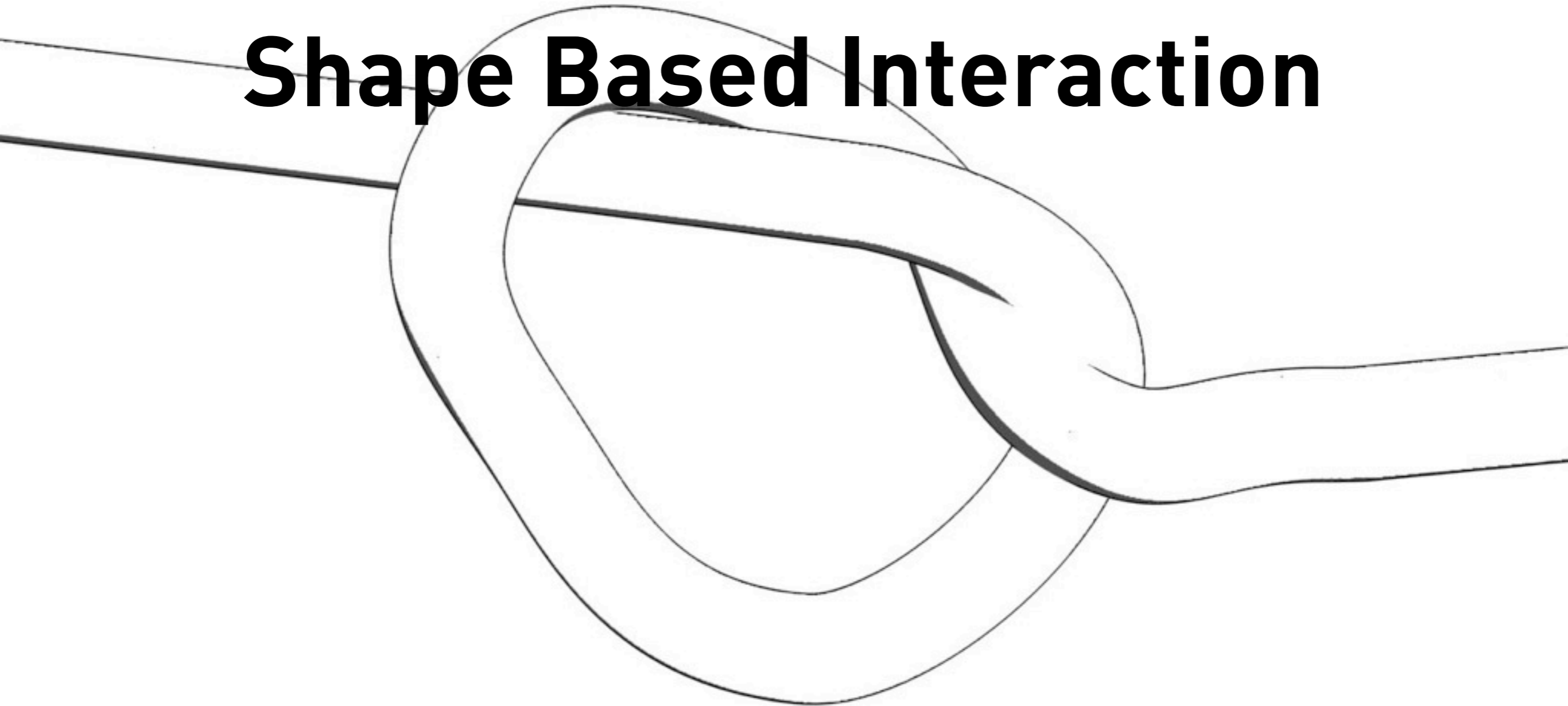
Rope Revolution: Tangible and Gestural Rope Interface for Collaborative Play

Lining Yao et al., ACE 2012

“Dip in the Wave” Interactive sound installation controlled by the rope

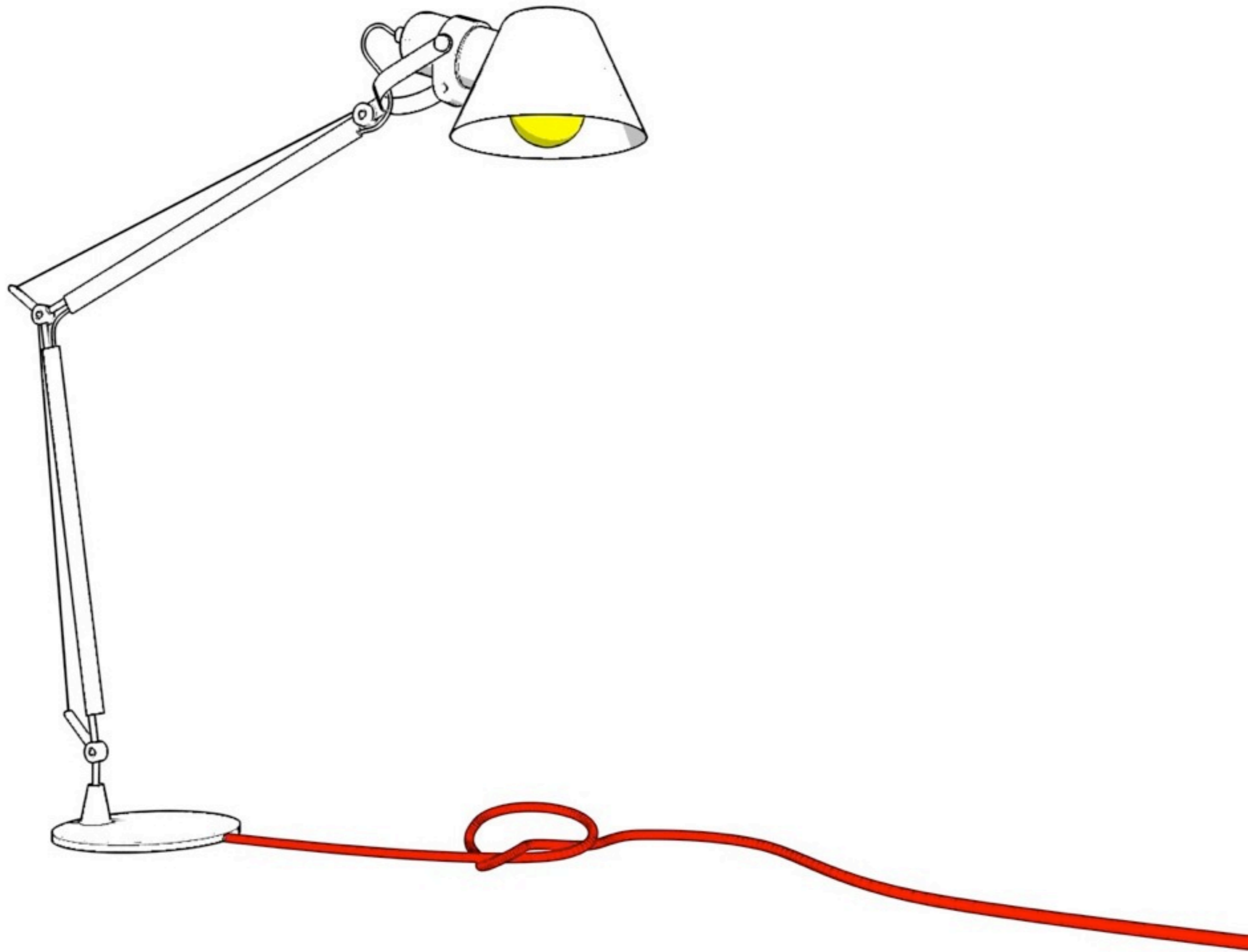
Seiichiro MATSUMURA

# Shape Based Interaction

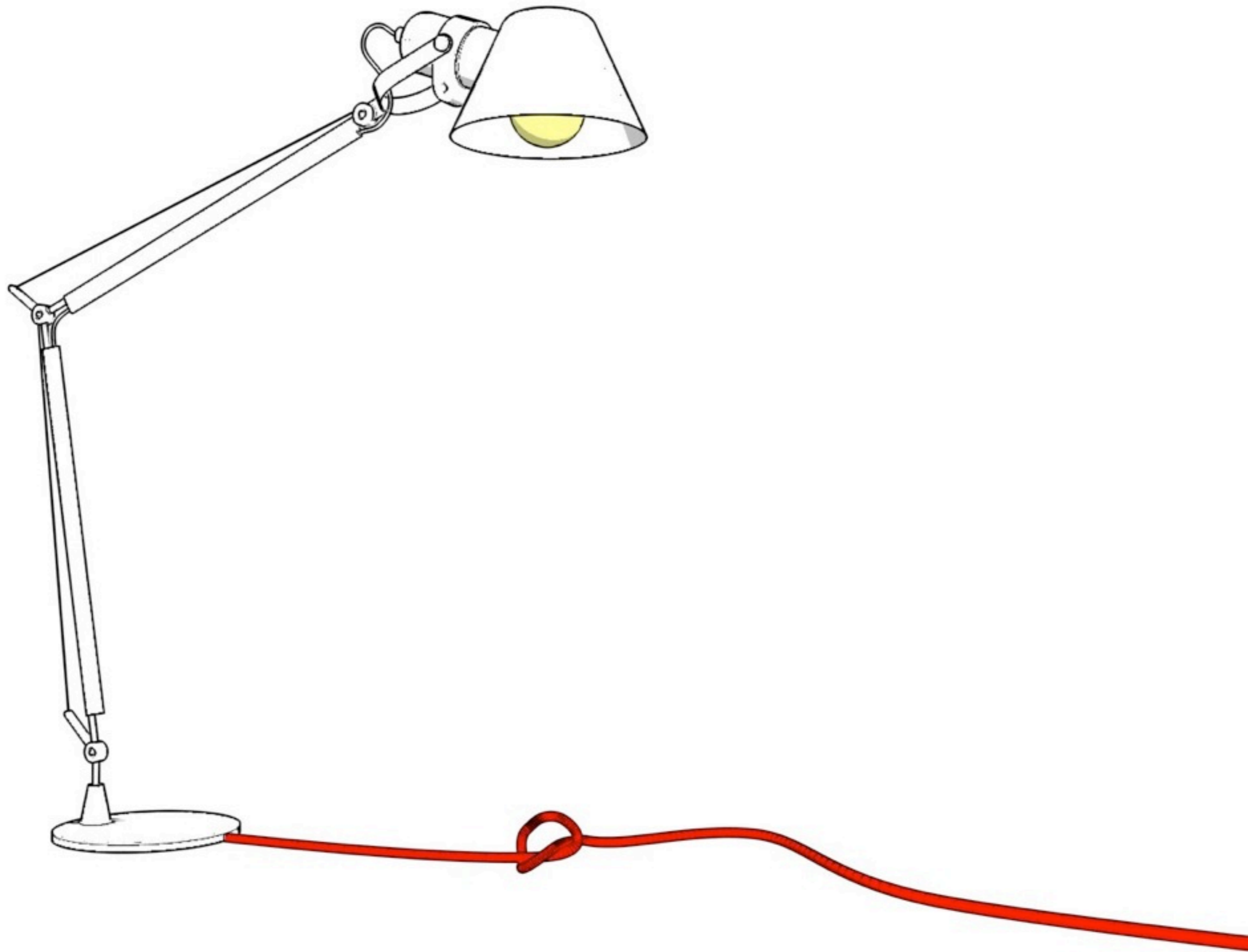


# 1. The Knot in the Hose

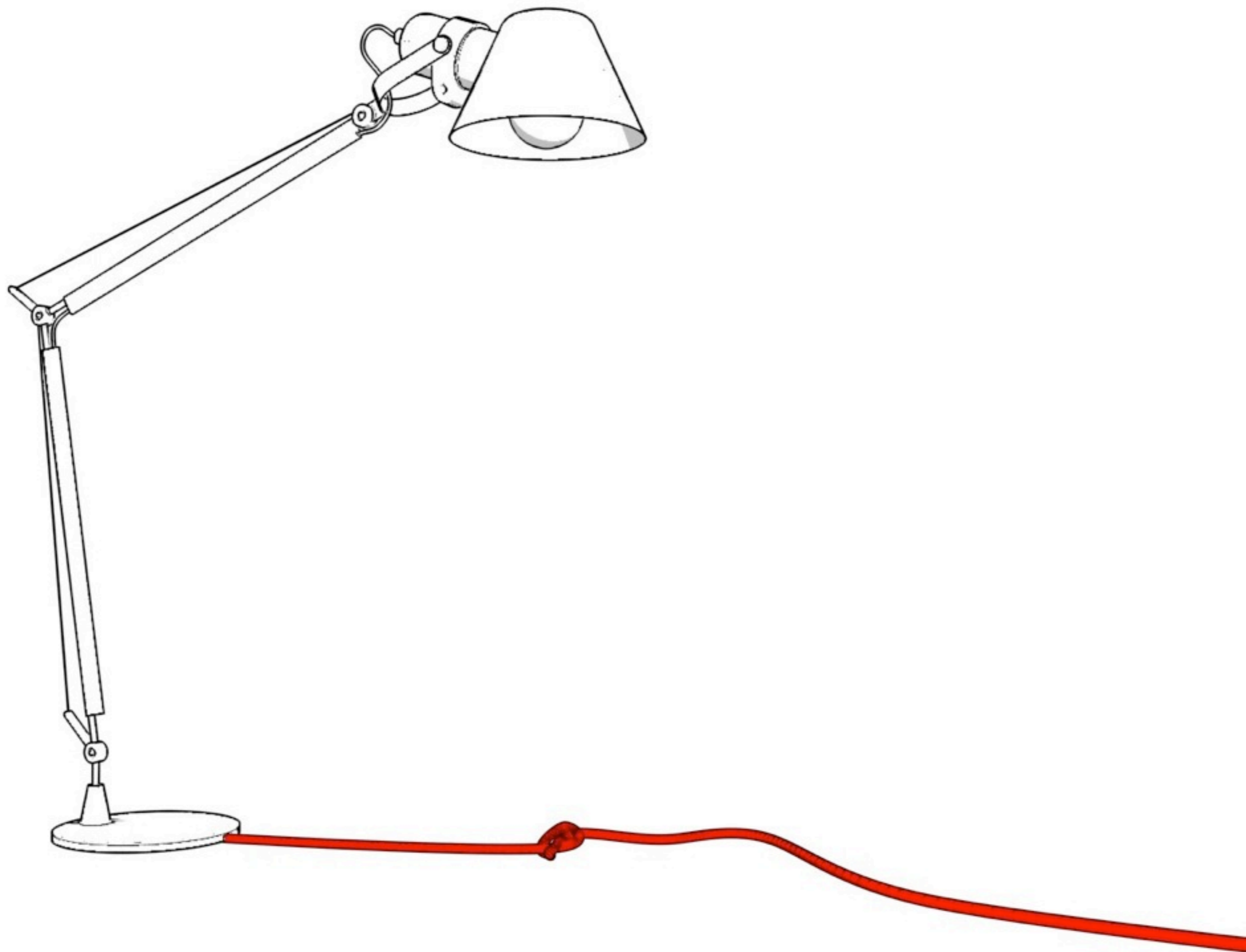


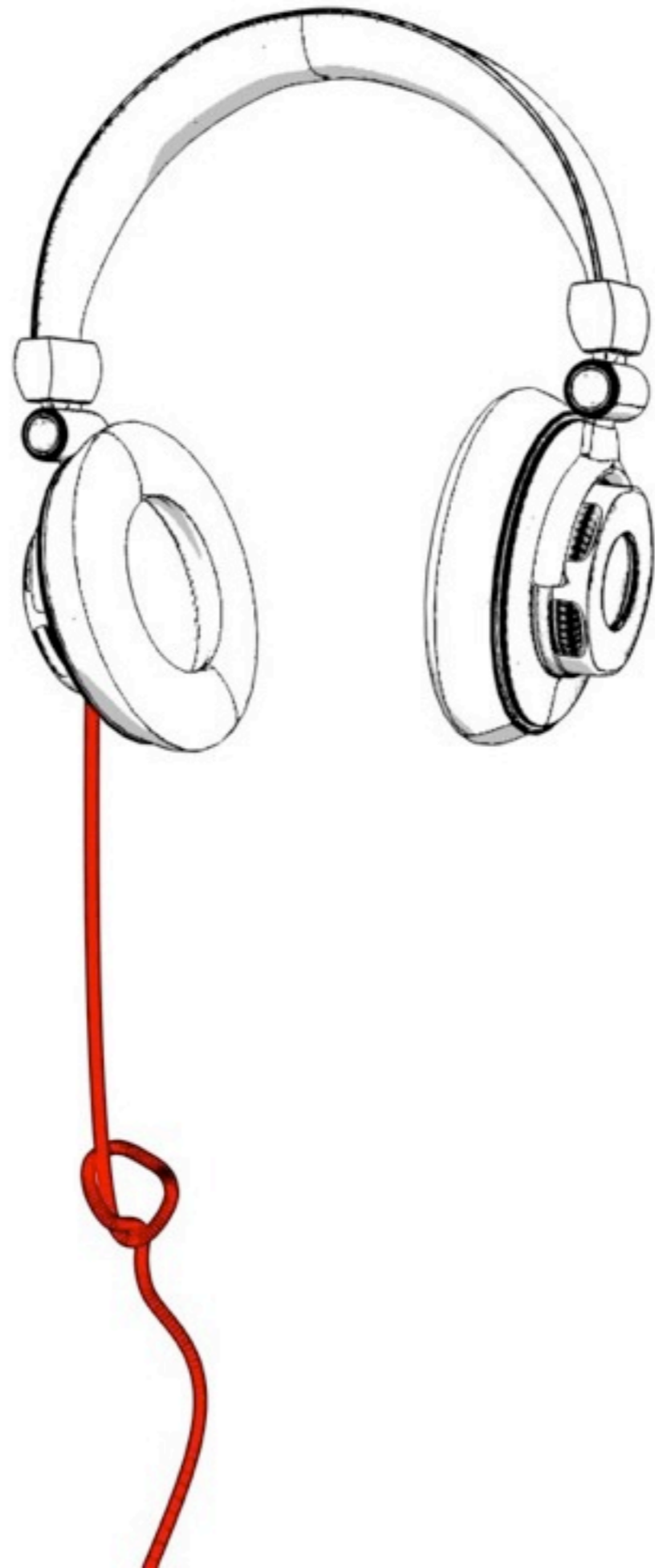
















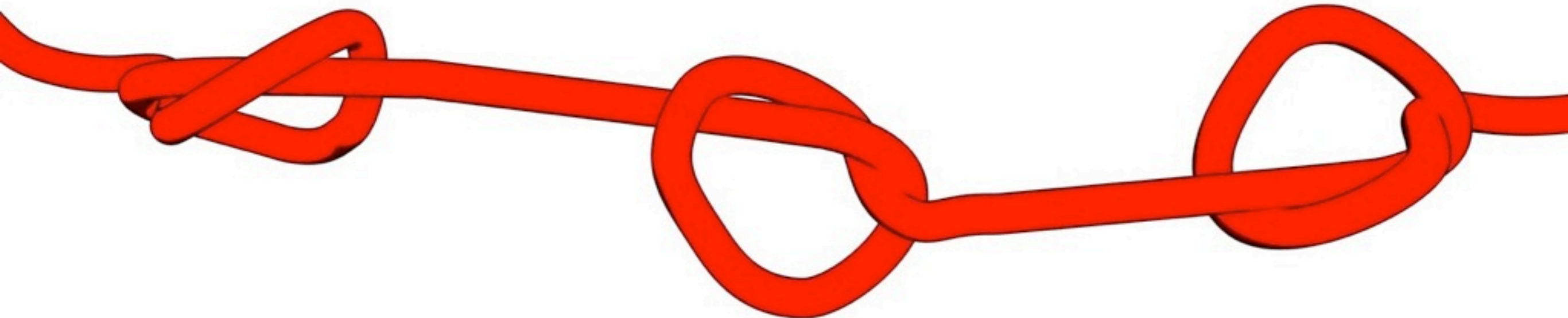




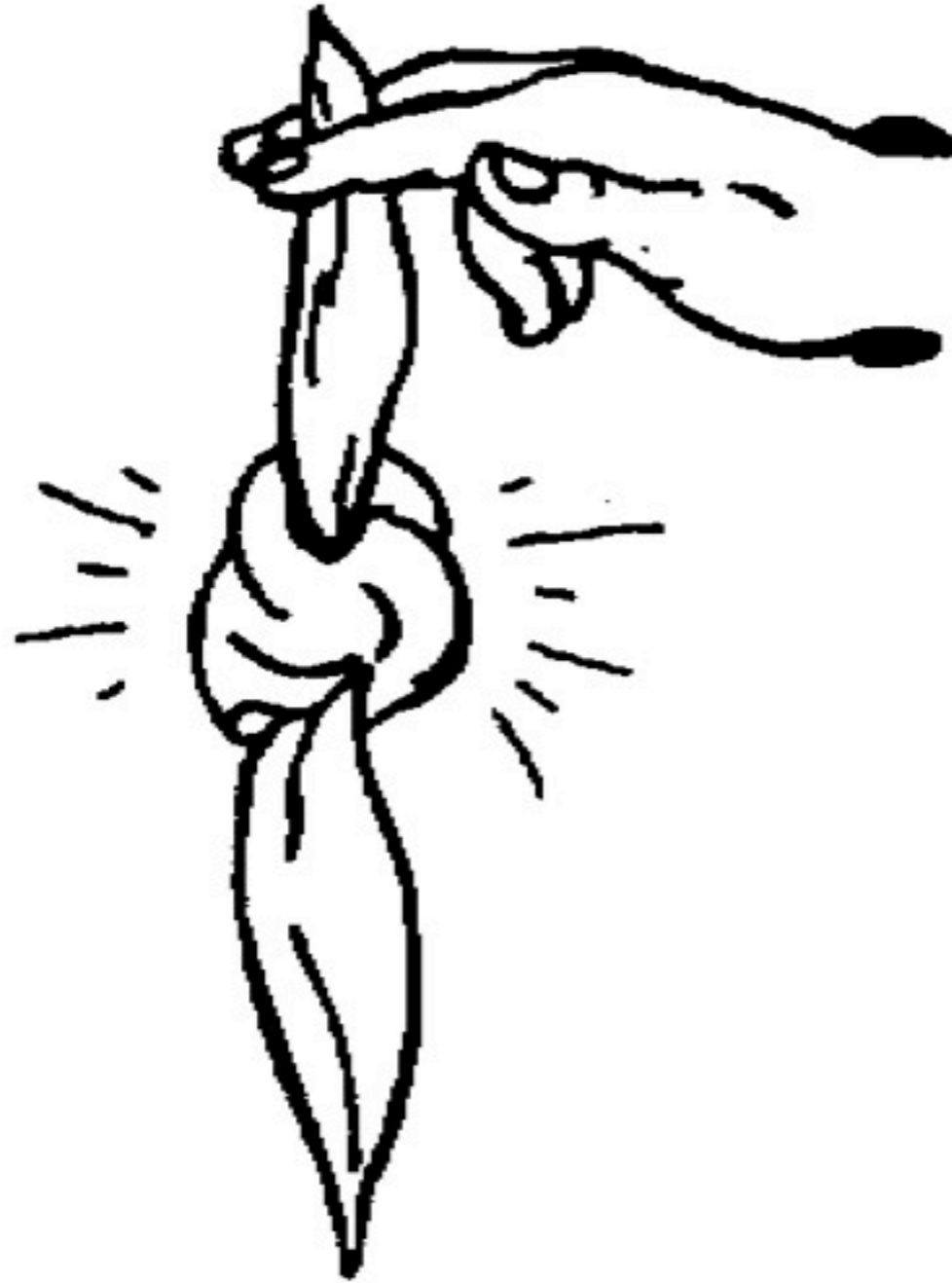
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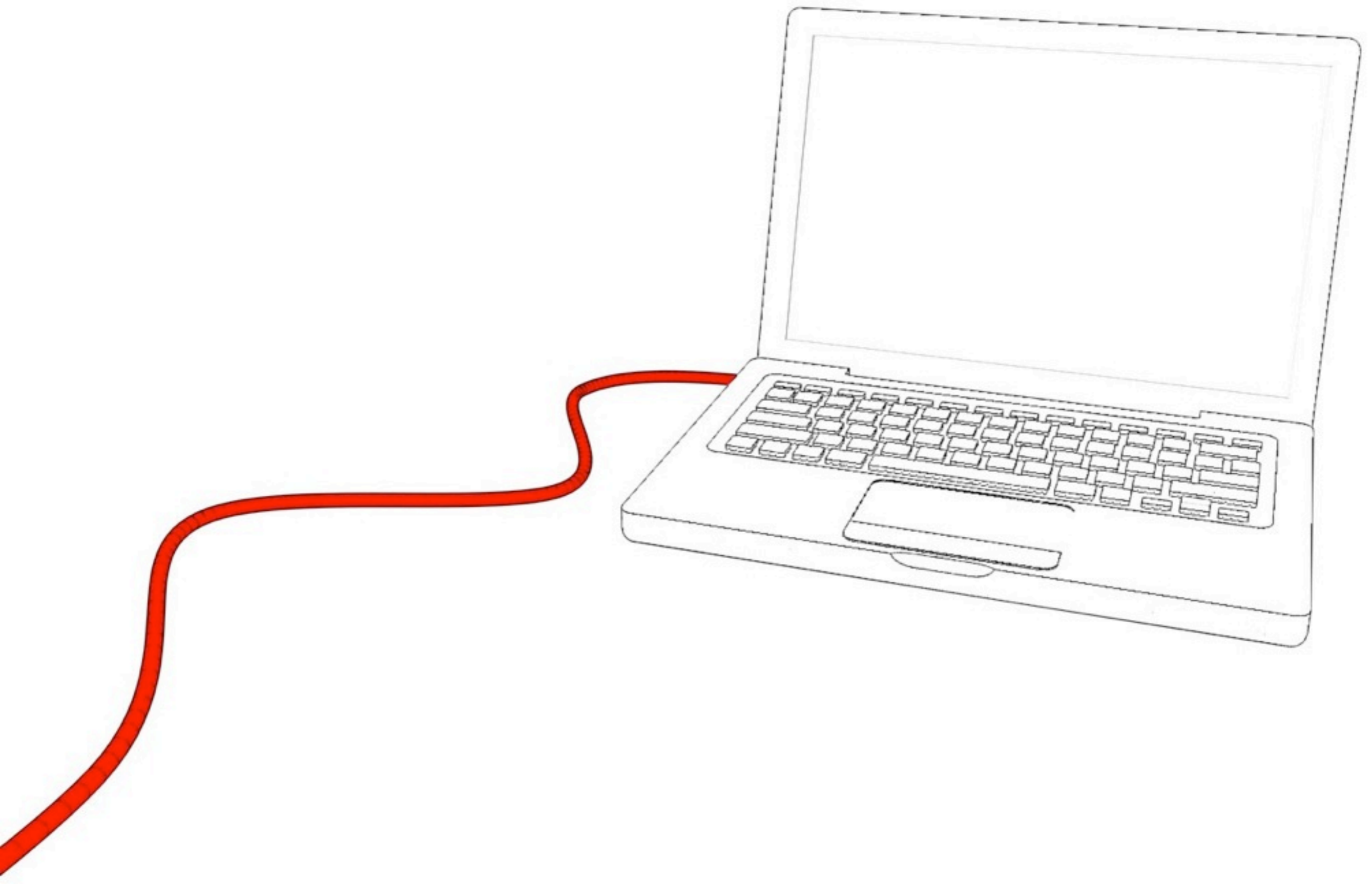
G

B

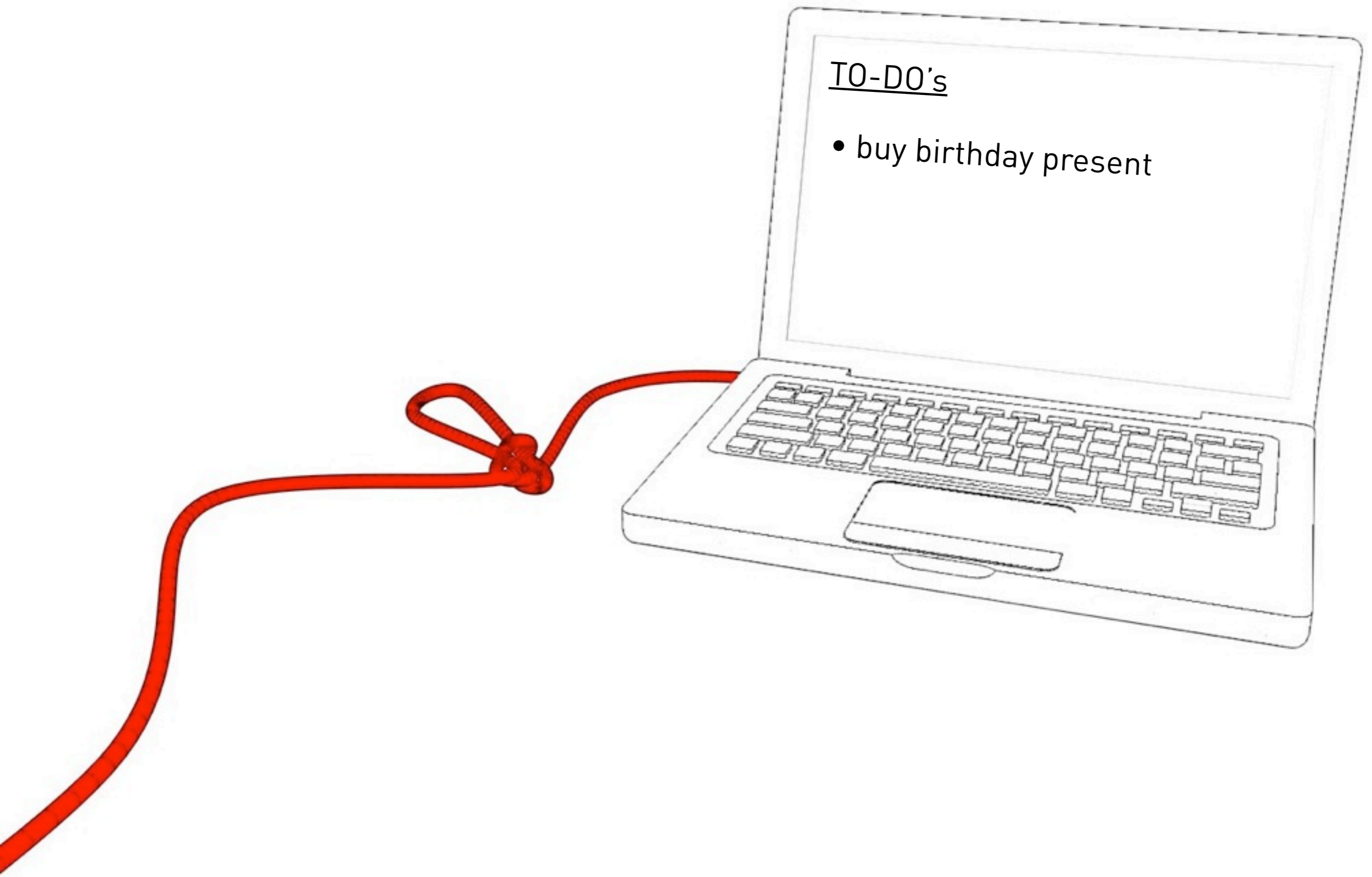


## 2. The Knot in the Handkerchief



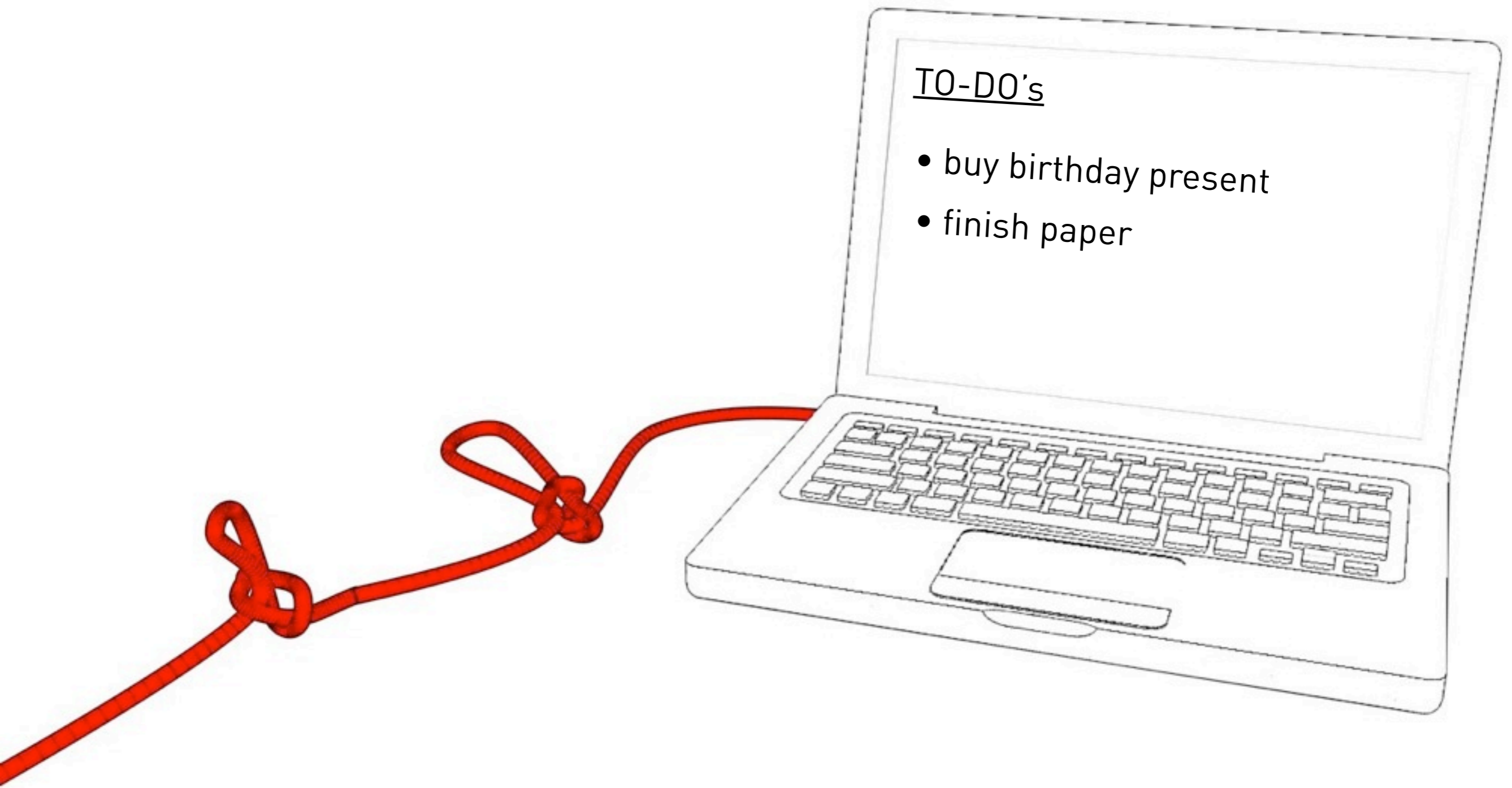






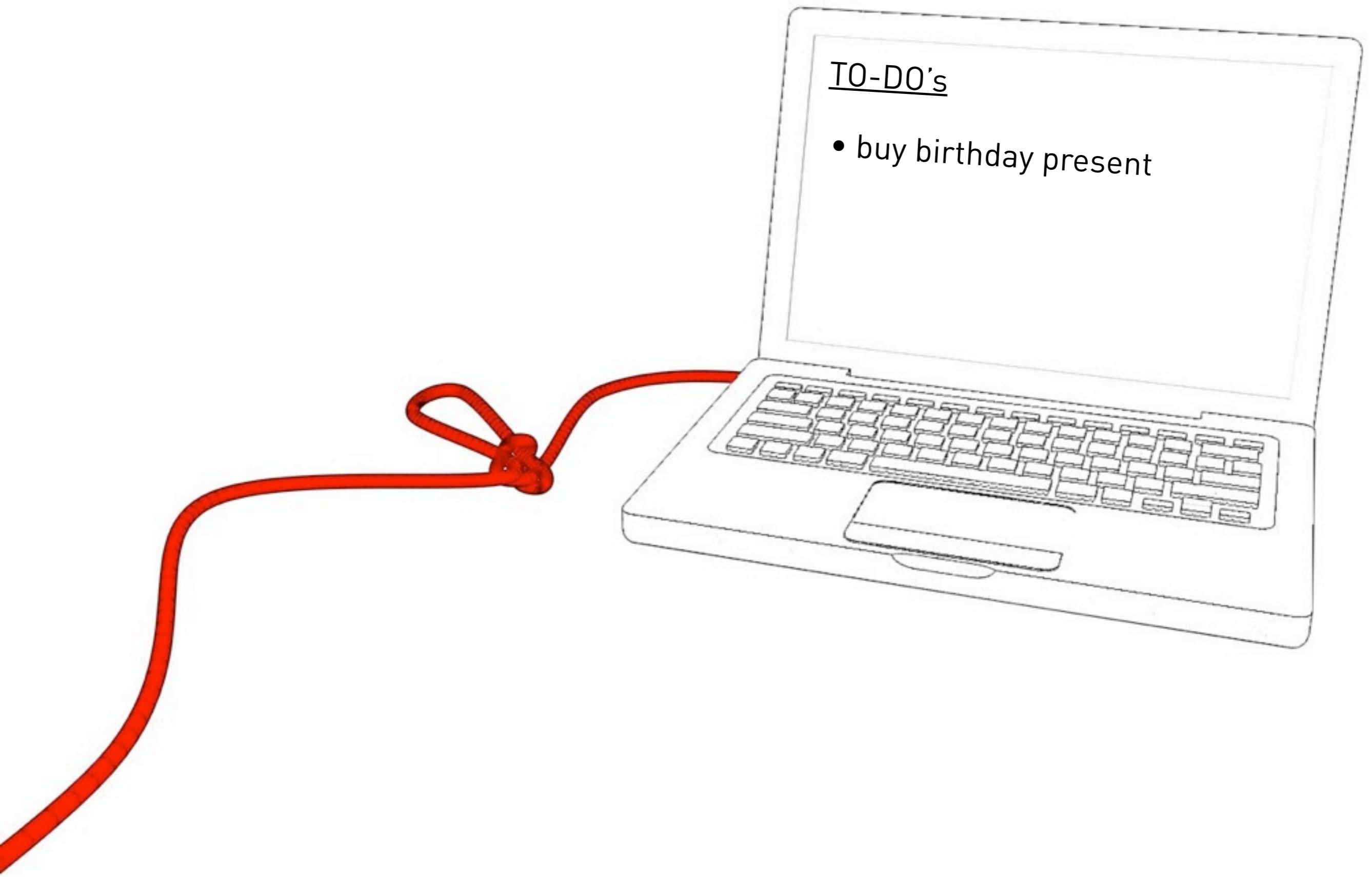
TO-DO's

- buy birthday present



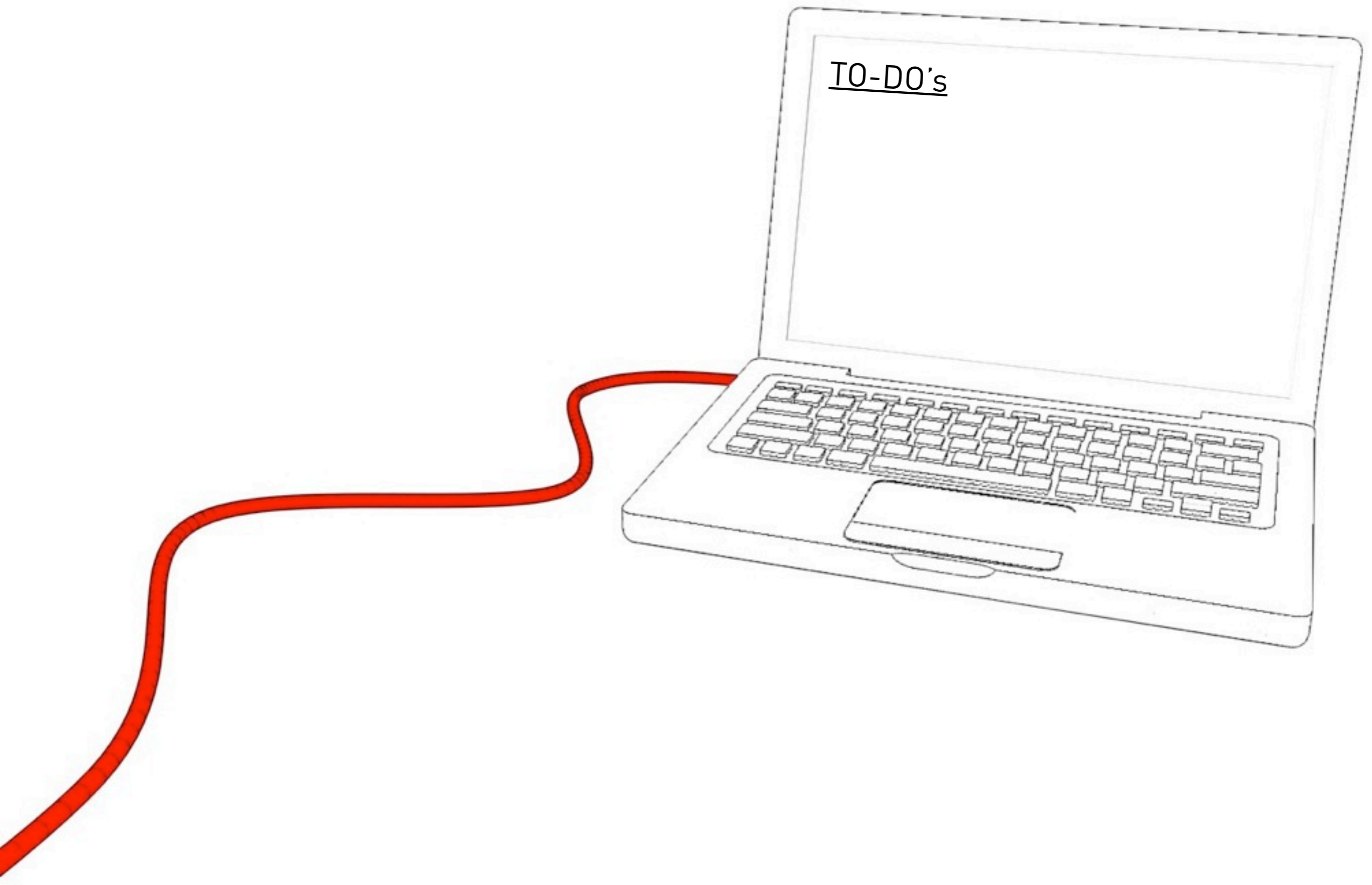
## TO-DO's

- buy birthday present
- finish paper



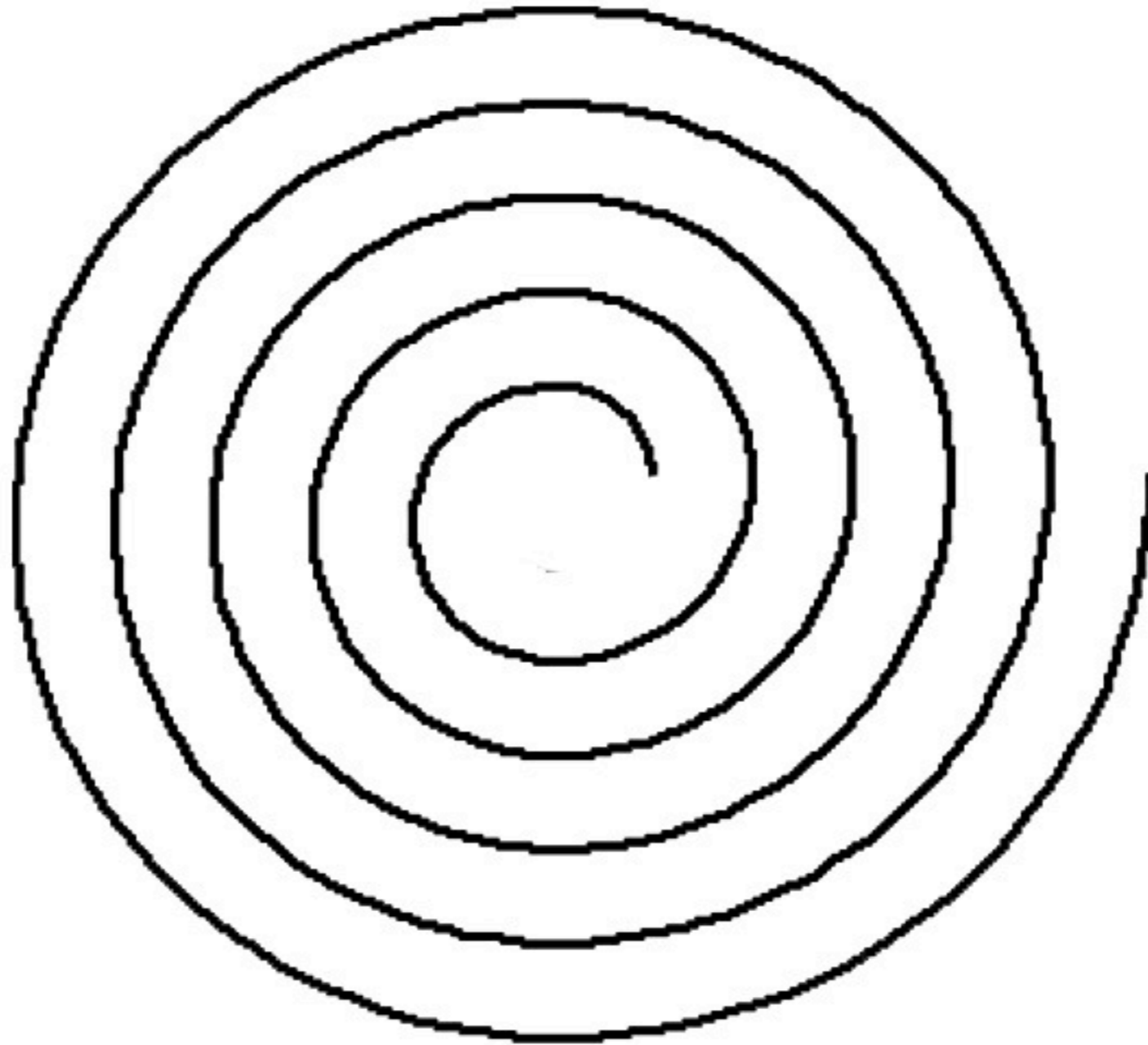
TO-DO's

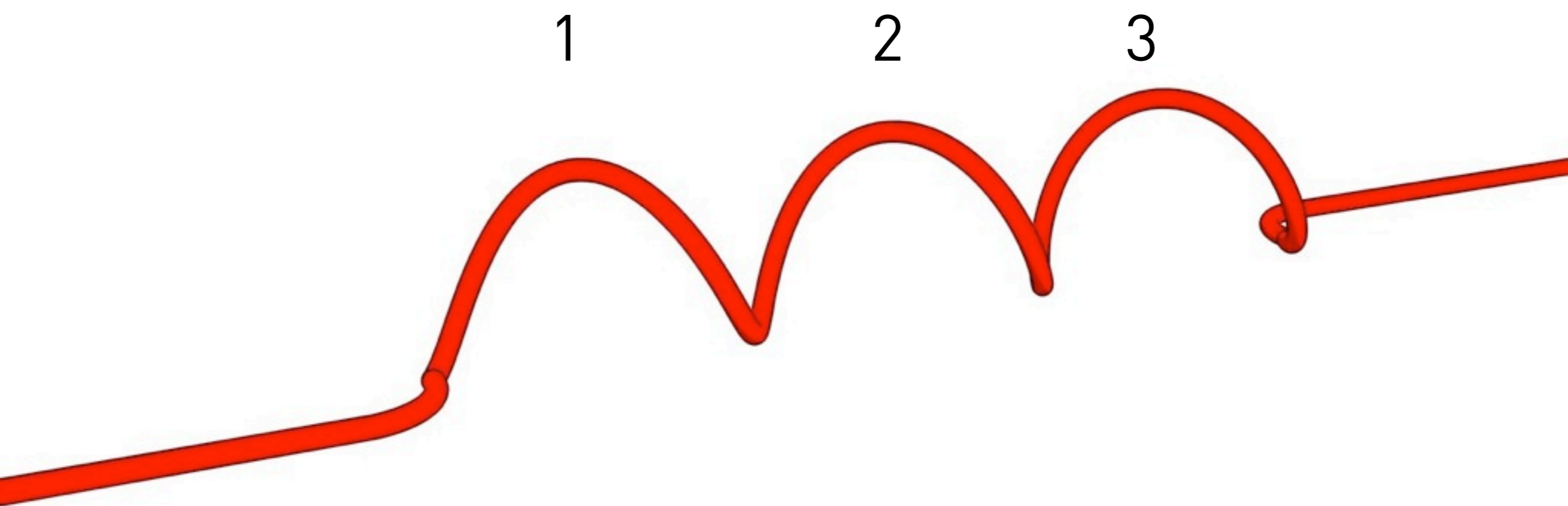
- buy birthday present





### 3. Spiral

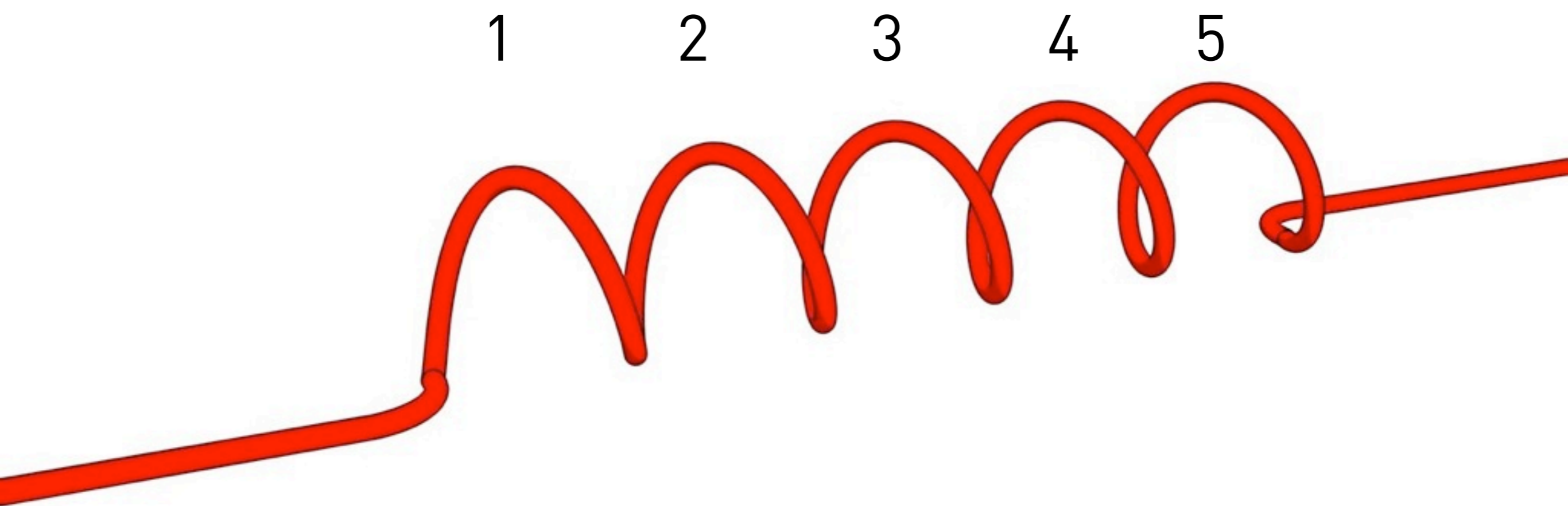


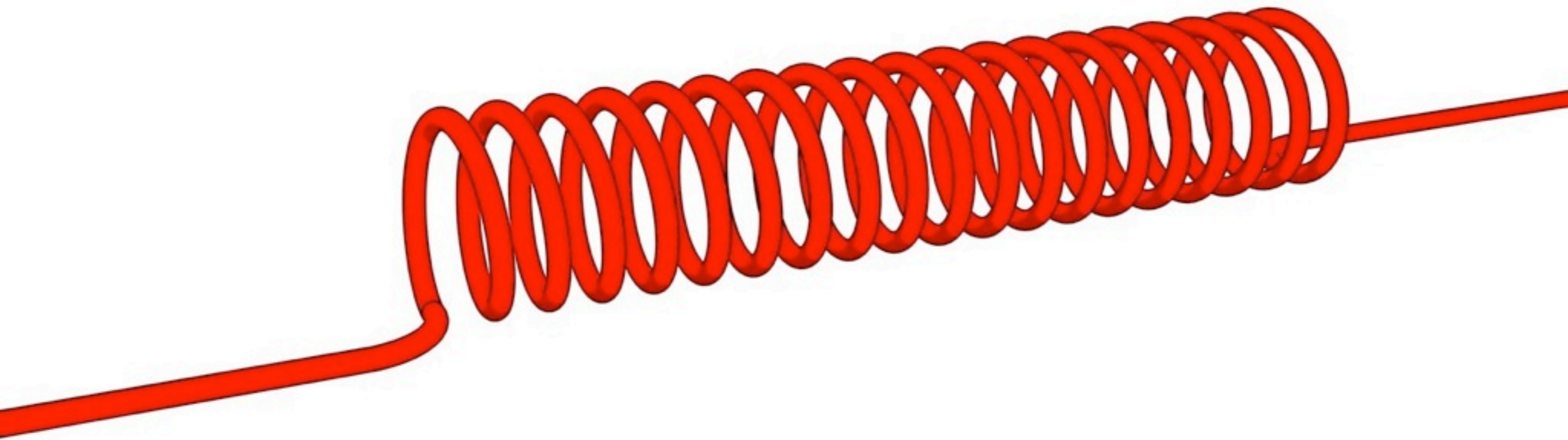


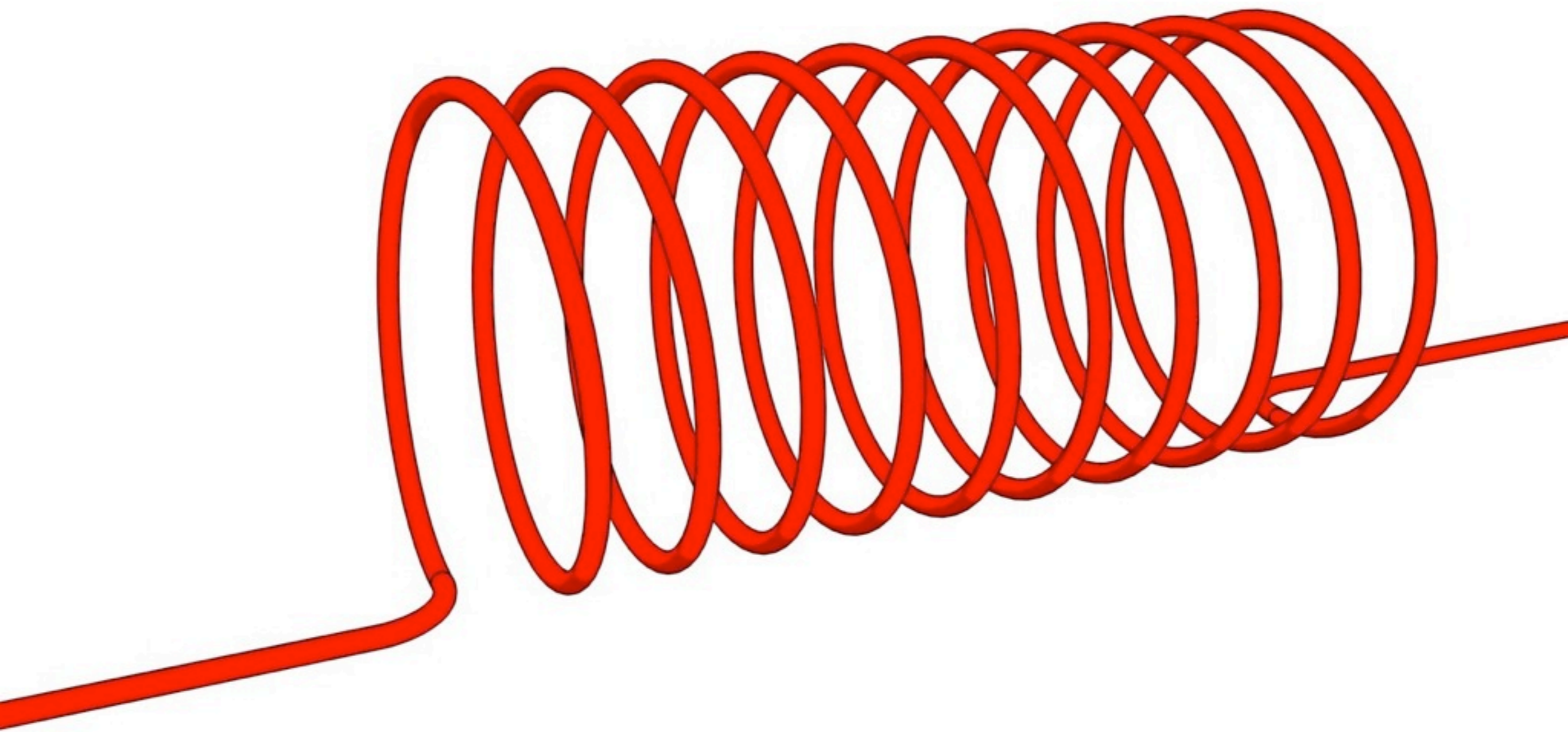
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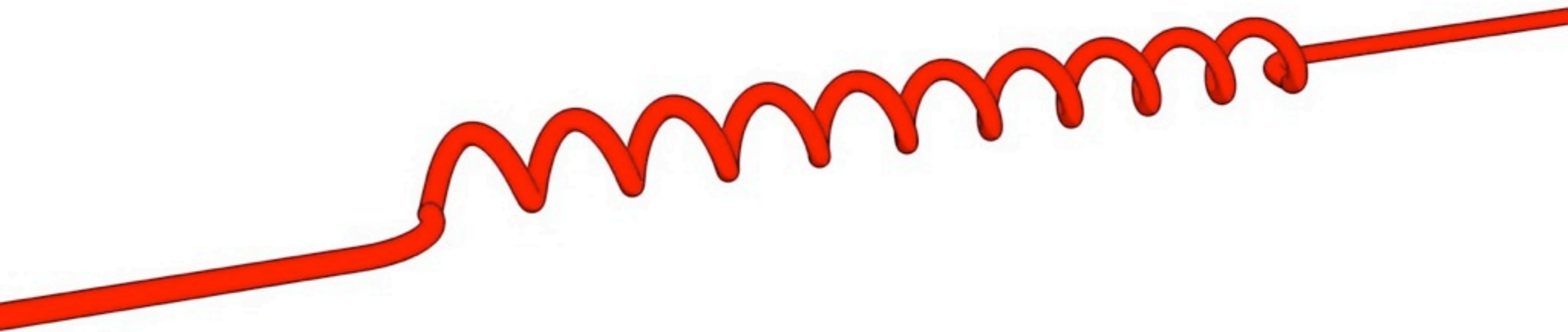
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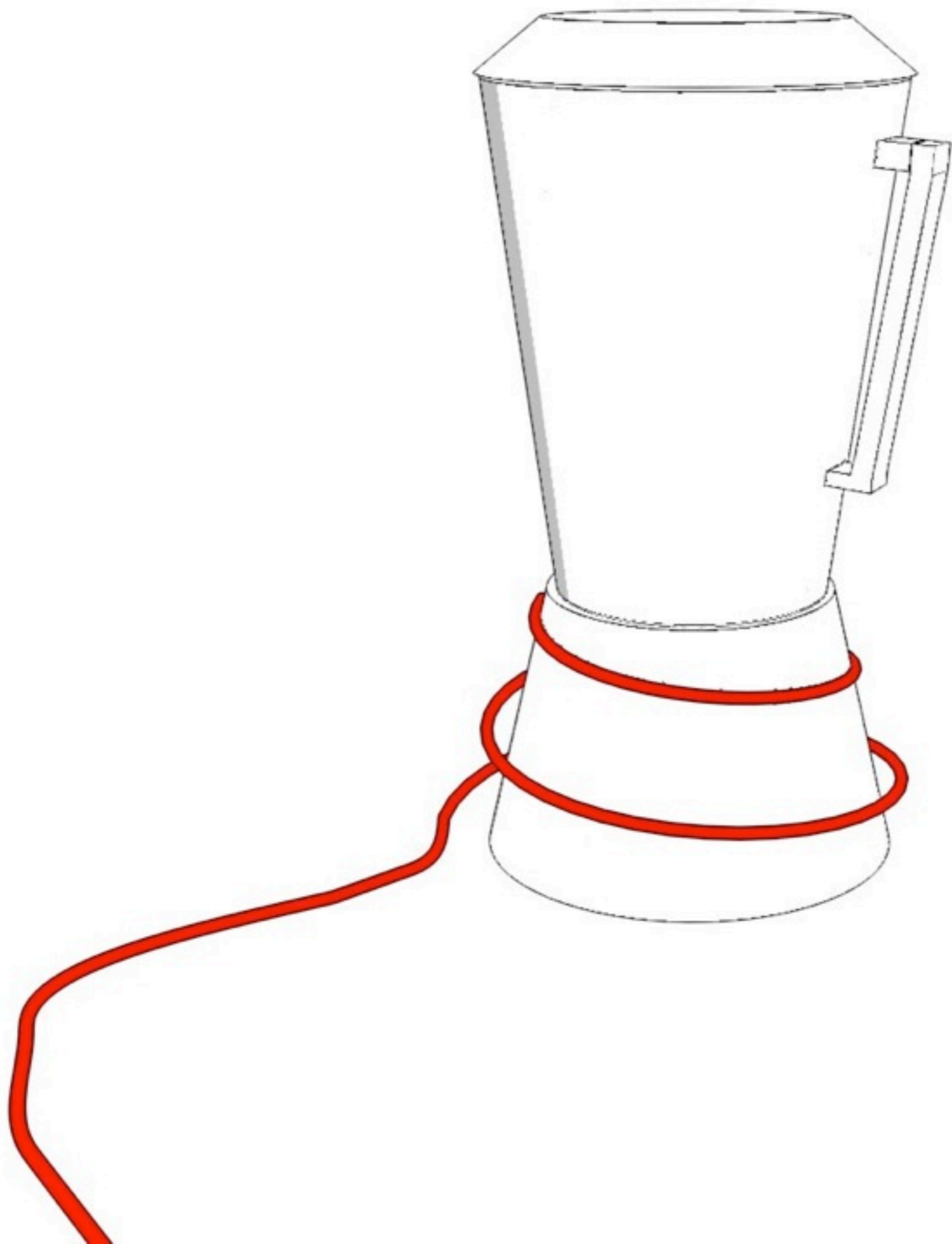






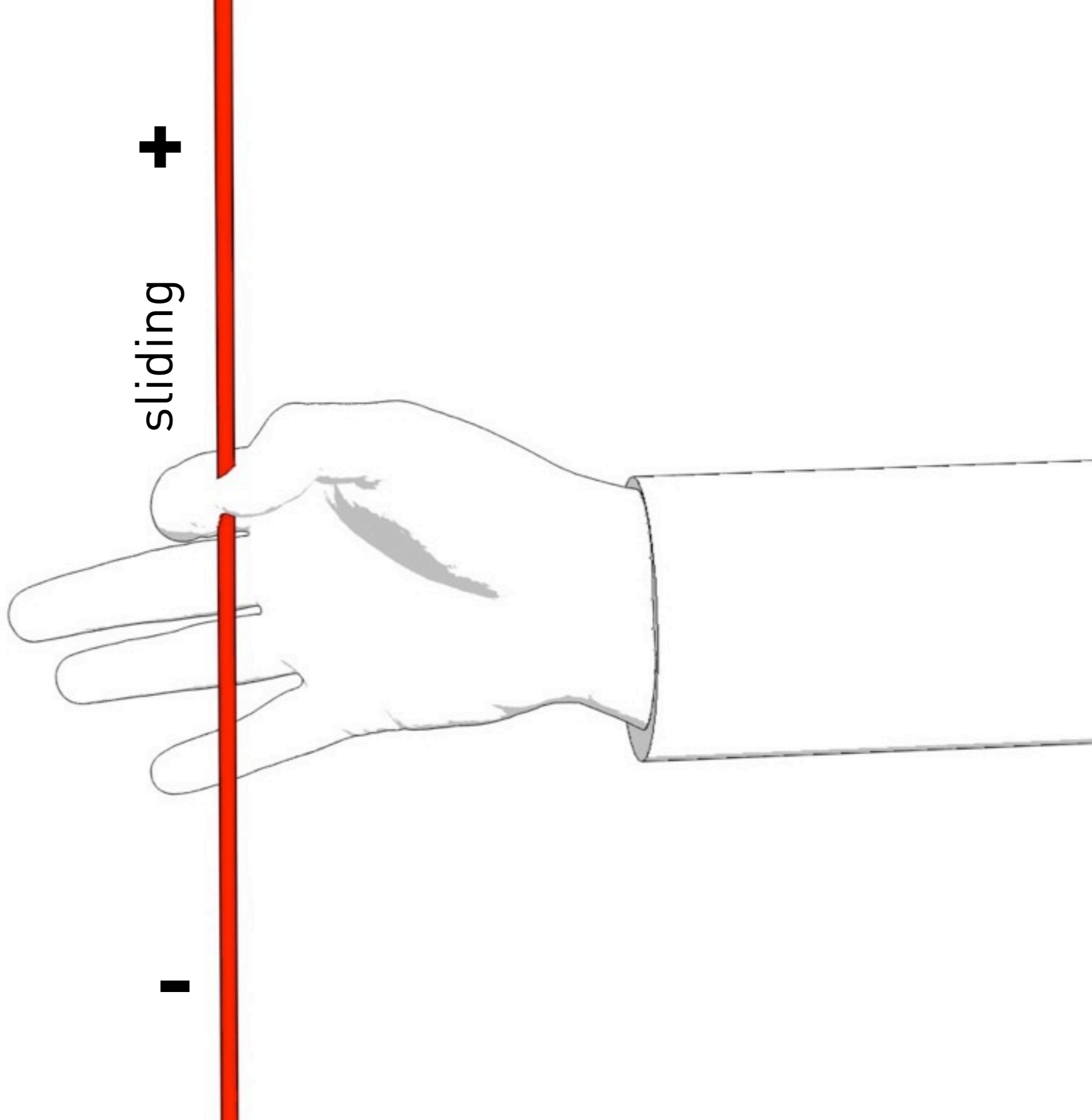






# Linear Interaction

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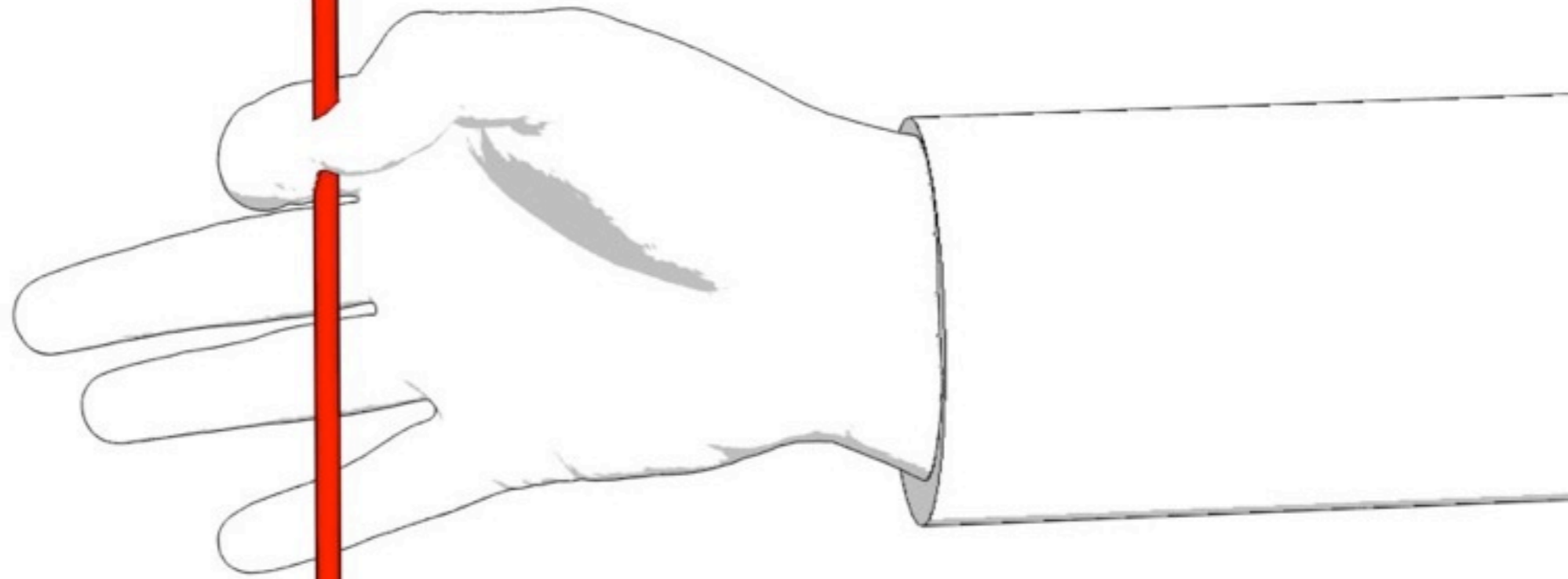


sliding

+

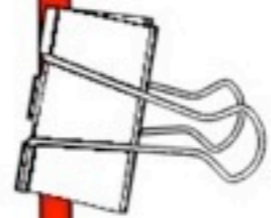
■

pressure **+** **-**





pressure **+** **-**



# Future Explorations

