

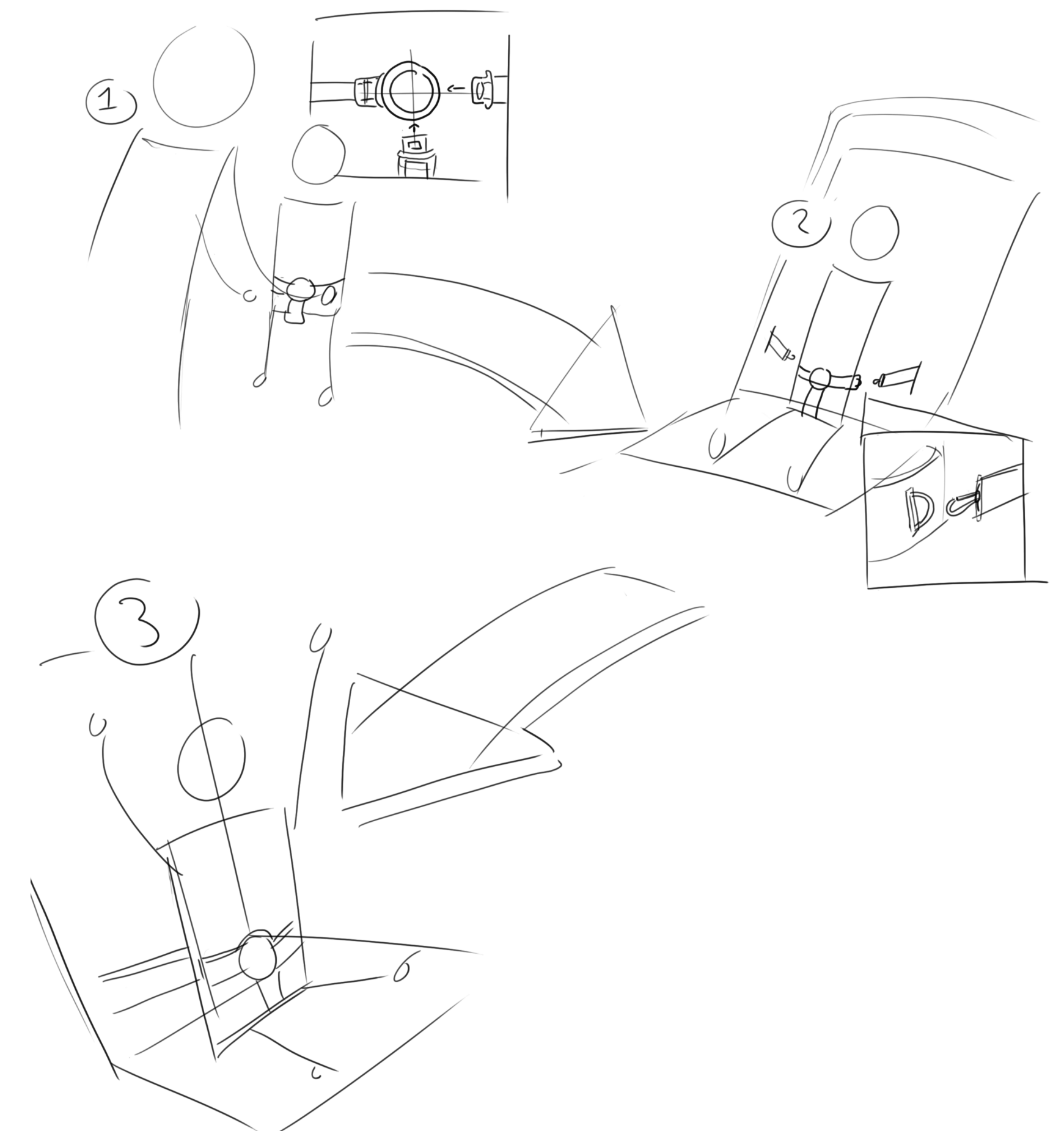
# RETHINKING RESTRAINTS

## Designing a stroller harness to improve infant motor development

Through investigating children's ergonomics within the stroller industry, concerns were identified regarding the overuse of infant sitting devices, leading to a lack of movement freedom and a decline in overall motor development. This in turn, can negatively affect both their physical and mental well-being.

A design goal was formed to improve the motor development of children between the ages of 9 to 18 months through a new stroller harness design, which redefines the parent-child interaction and offers both mobility and safety for the child.

By separating the harness from the stroller, the resulting concept improves the usability for the caregiver and enhances the child's movement freedom, without sacrificing safety. The concept is demonstrated and evaluated through a prototype that includes a three-point harness, with two connections to the seat. By rethinking this everyday interaction, the project illustrates how conscious and informed design for strollers could better support children's development while improving caregiver experience.



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