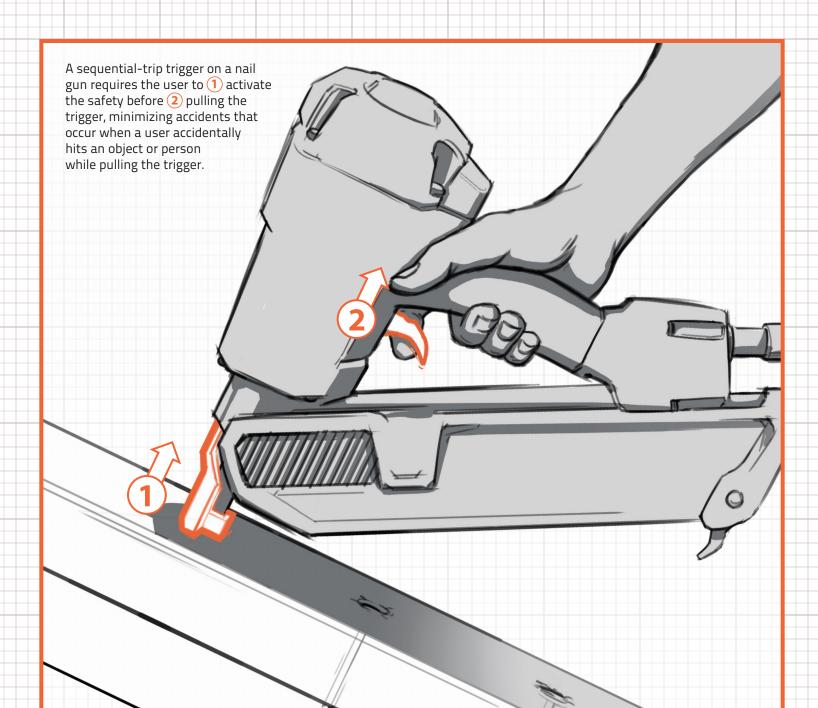
The Principles of

between the two in highly repetitive tasks.

Powered door with sensors is convenient for all shoppers, especially if hands are full.

Equitable Use

The design is useful and marketable to people with diverse abilities.



Tolerance for Error

The design minimizes hazards and the adverse consequences of accidental or unintended actions.

Center for Universal C **Universal Design**

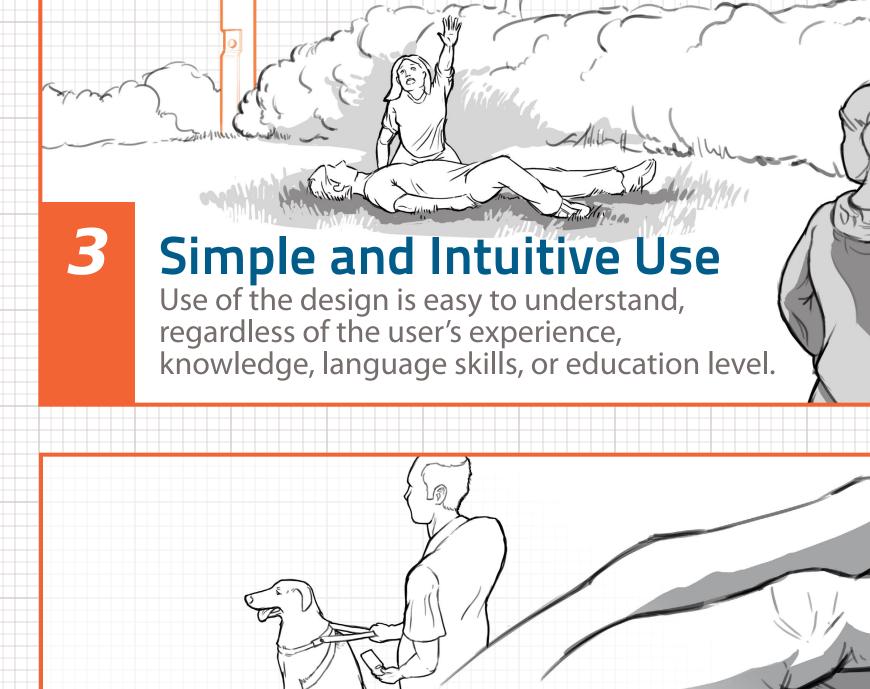
design.ncsu.edu/cud

500 copies of this public document were printed at a cost of \$1.34 each. Recycled paper and sov-based inks

E-mail: cud@ncsu.edu The design can be used efficiently and comfortably and

The design of products and environments to be usable by all people, to the greatest extent possible, without the need for adaptation or specialized design.

Flexibility in Use The design accommodates a wide range of individual preferences and abilities. Large-grip scissors accommodates use with either hand and allows alternation



Perceptible Information The design communicates necessary information effectively to the user, regardless of ambient conditions or the user's sensory abilities.

Wide gates at subway stations accommodate wheelchair users as well as commuters with packages or luggage. Size and Space for Approach and Use

Appropriate size and space is provided for approach, reach, manipulation, and use regardless of user's body

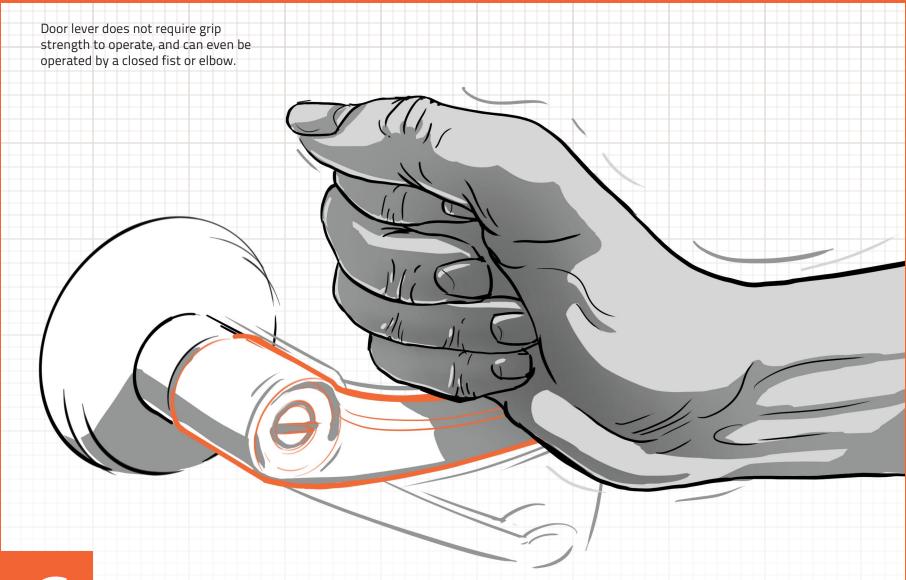
size, posture, or mobility.

and a simple design to quickly

Small bumps on a cell phone keypad tell the user where

the user to look at the keys

important keys are without requiring



Low Physical Effort

with a minimum of fatigue.