Project Title:	Design, Production, and Testing of a Reaching-Assistant Tool with an Adjustable Length
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Area:	Mechanical Engineering
Sponsored by:	CME Department

There is a need for an extendable reaching assistant in the market place, which the design group would like to fill. A reaching assistant is a device that allows the user to essentially extend the reach of their hand. People with back problems, mobility issues, small stature, and so forth, however, have problems using fixed-length assistants, due to the wide range of distances one might want to pick objects up from. In order to facilitate the needs of this group of people, a reaching assistant will be designed with variable length, allowing the user to optimize the device for personal use.