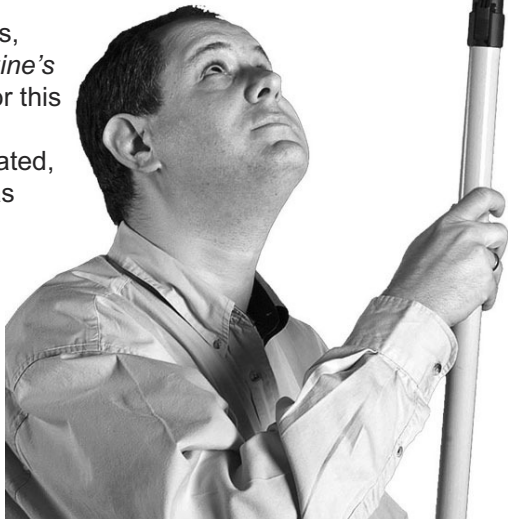




# MAGNET PRODUCT DESIGN & DEVELOPMENT

## Reaching New Heights in Product Innovation



### About MAGNET

MAGNET Product Design and Development, an Ohio Edison Technology Center, is the region's manufacturing consulting organization with the aim of stimulating growth and helping manufacturers become more competitive.

### Challenge

After seeing his dad struggle to reach a smoke alarm battery, Nelson Pitlor thought businesses might have a similar difficulty replacing high ceiling light bulbs and ballasts. He was right.

### Solution

With the help of MAGNET Product Design & Development team and Invention Machine Goldfire, Nelson's company, Accessmount LLC, created a multiple award-winning "ladderless" light fixture that easily mounts to and is removed from high places with a pole and some simple magnets and latches, increasing both savings and safety.

### Results

Accessmount has won multiple industry awards, include *Building Magazine's Top 100 Products* list for this new innovation. Dave Pierson of MAGNET stated, "By using Goldfire, I was able to achieve fast failures and quickly scout solutions to help Nelson bring this innovative idea to market."

### Fast Facts

**Industry**  
Manufacturing

**Location**  
Cleveland, Ohio  
United States

**Challenge**  
Market-ready engineering design and manufacturing plan

**Solution**  
Used Invention Machine Goldfire to research patents, sources, and technical solutions in the context of the new concept.

**Benefits**  
*"An entrepreneur's idea is often like starting with a sky. You need to take the sky and narrow it to a football field, then to a gym size, then to a refrigerator, and so on. After you get the concept to about 90%, that's where the technical work begins. Goldfire helps at every step."*

**- Dave Pierson**  
Senior Design Engineer  
MAGNET Product Design & Development