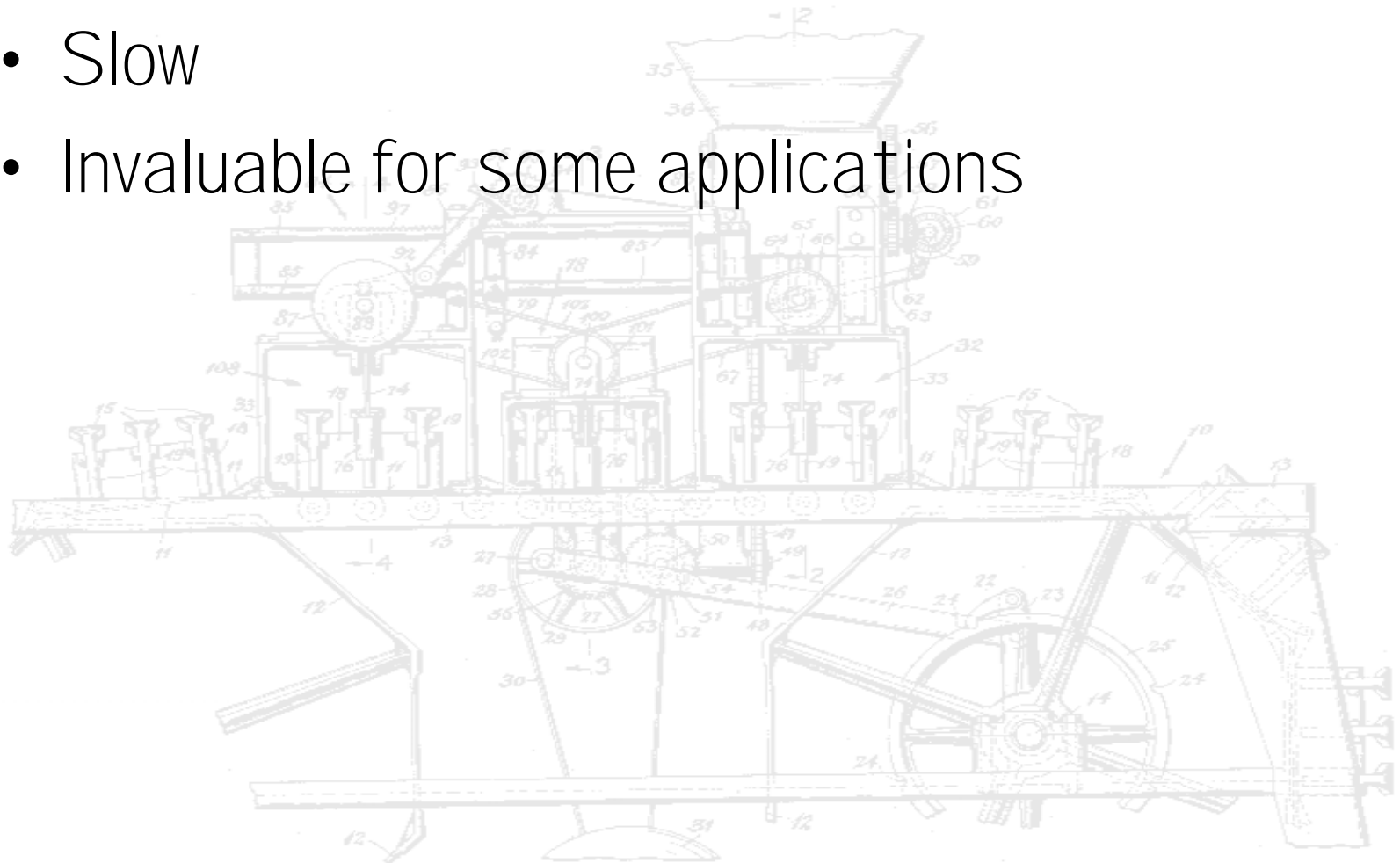# Machine Vision

- Proportional sensing of visible features
- Expensive
- Slow
- Invaluable for some applications

Machine Vision - DVT 600 SmartSensor

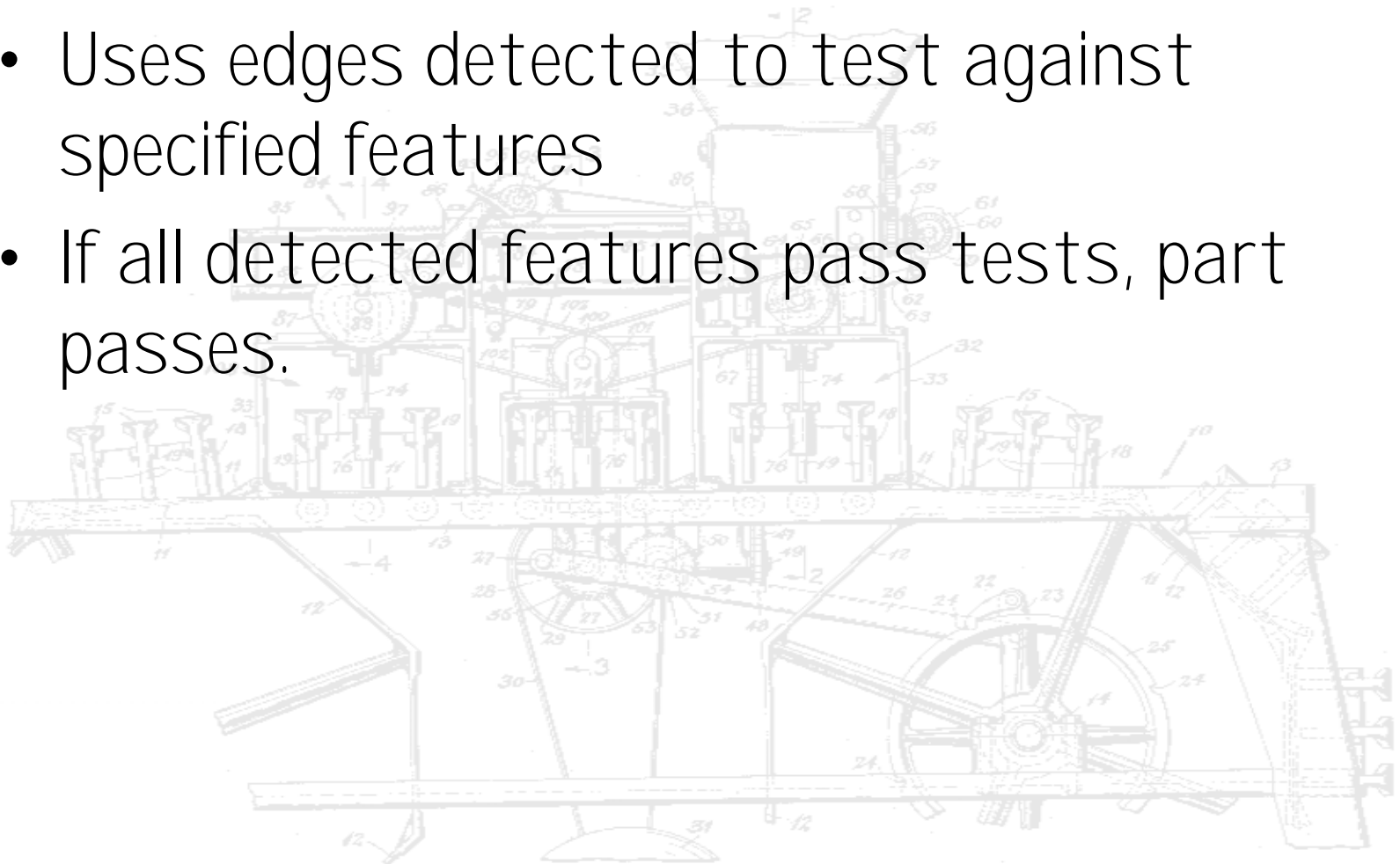- Self-contained machine vision system
- Embedded PowerPC processor
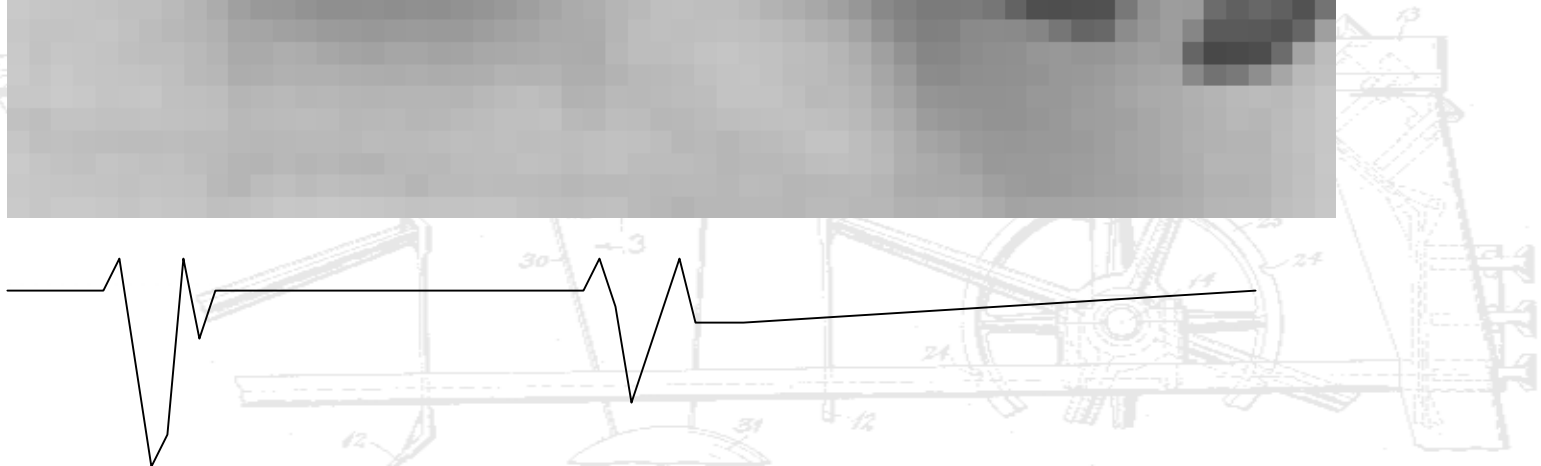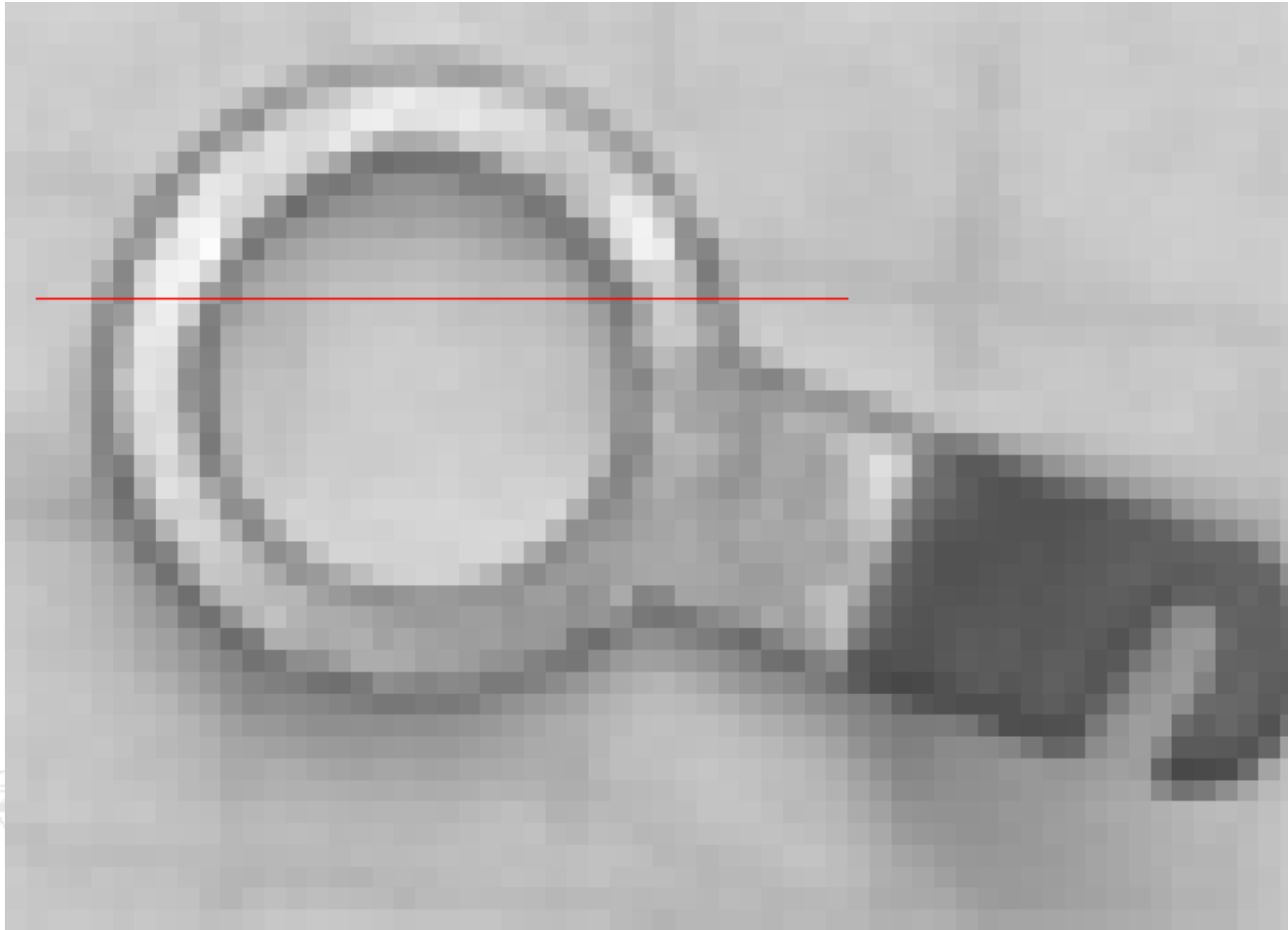- 640x480 pixels, grayscale
- $4K new (newer models $1200)

DVT600

- Captures frame (640x480x8bit)
- Looks for edges in specified regions
- Uses edges detected to test against specified features
- If all detected features pass tests, part passes.

Machine Vision - Edge Detection

Machine Vision - Edge Detection