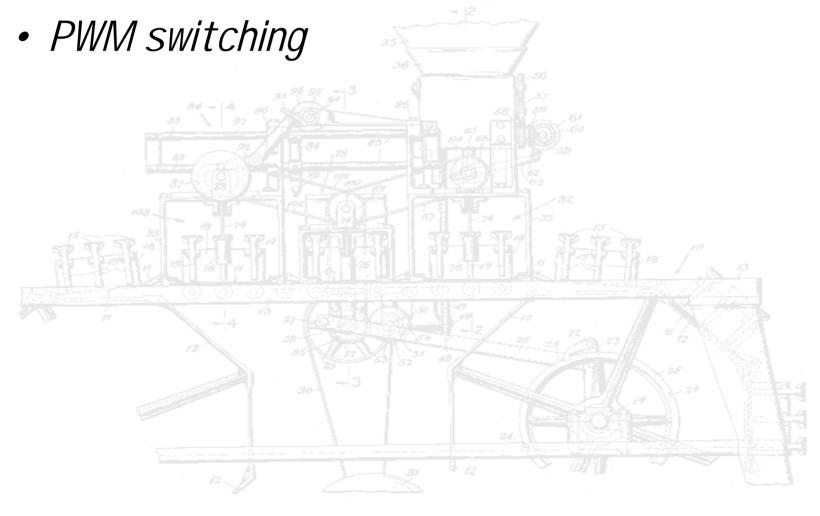
FACTORY COMMUNICATIONS

- Discrete signals
- Analog signals
- Digital communications
 - noise margin

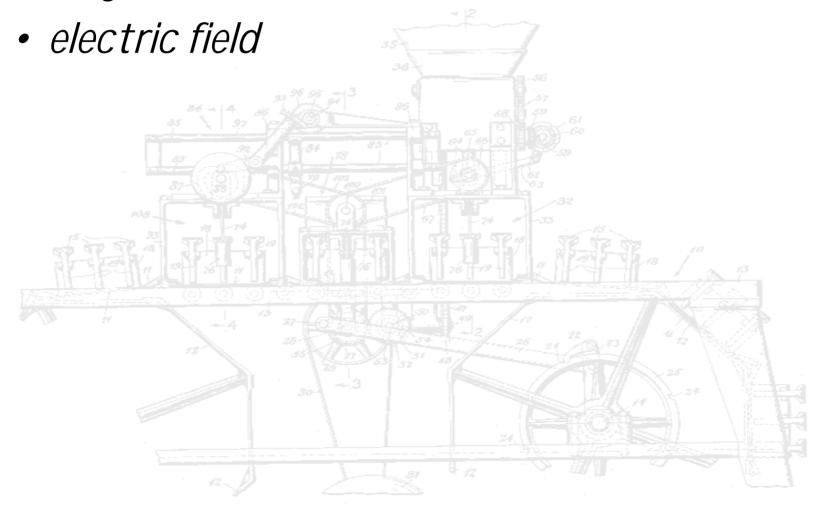
NOISE SOURCES

- brush noise
- relay arcing



Noise Coupling

- common-impedance
- magnetic field



WIRING METHODS

- individual wire
- twisted pair
- coaxial
 shielding and grounding