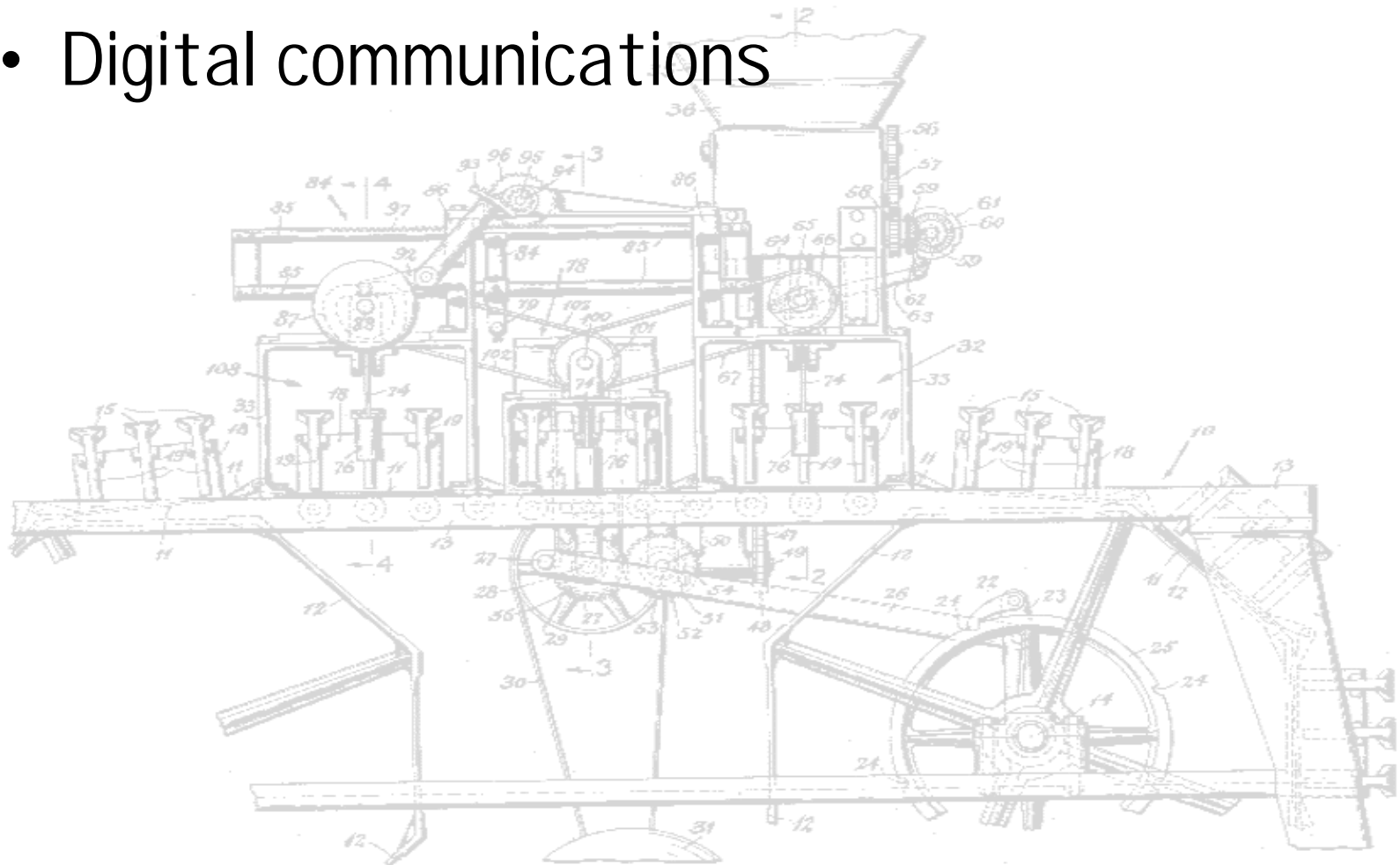


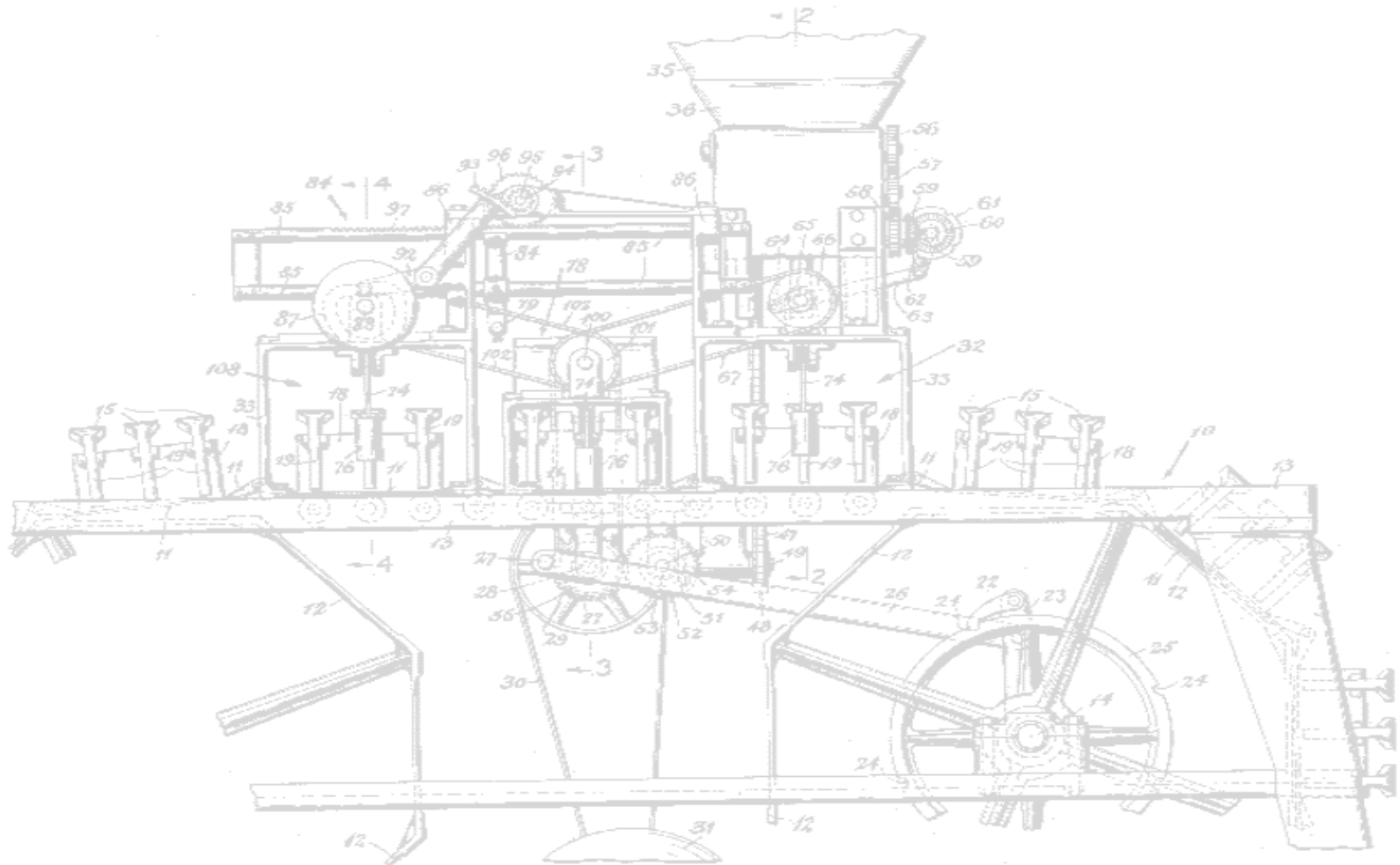
FACTORY COMMUNICATIONS

- Discrete signals
- Analog signals
- Digital communications



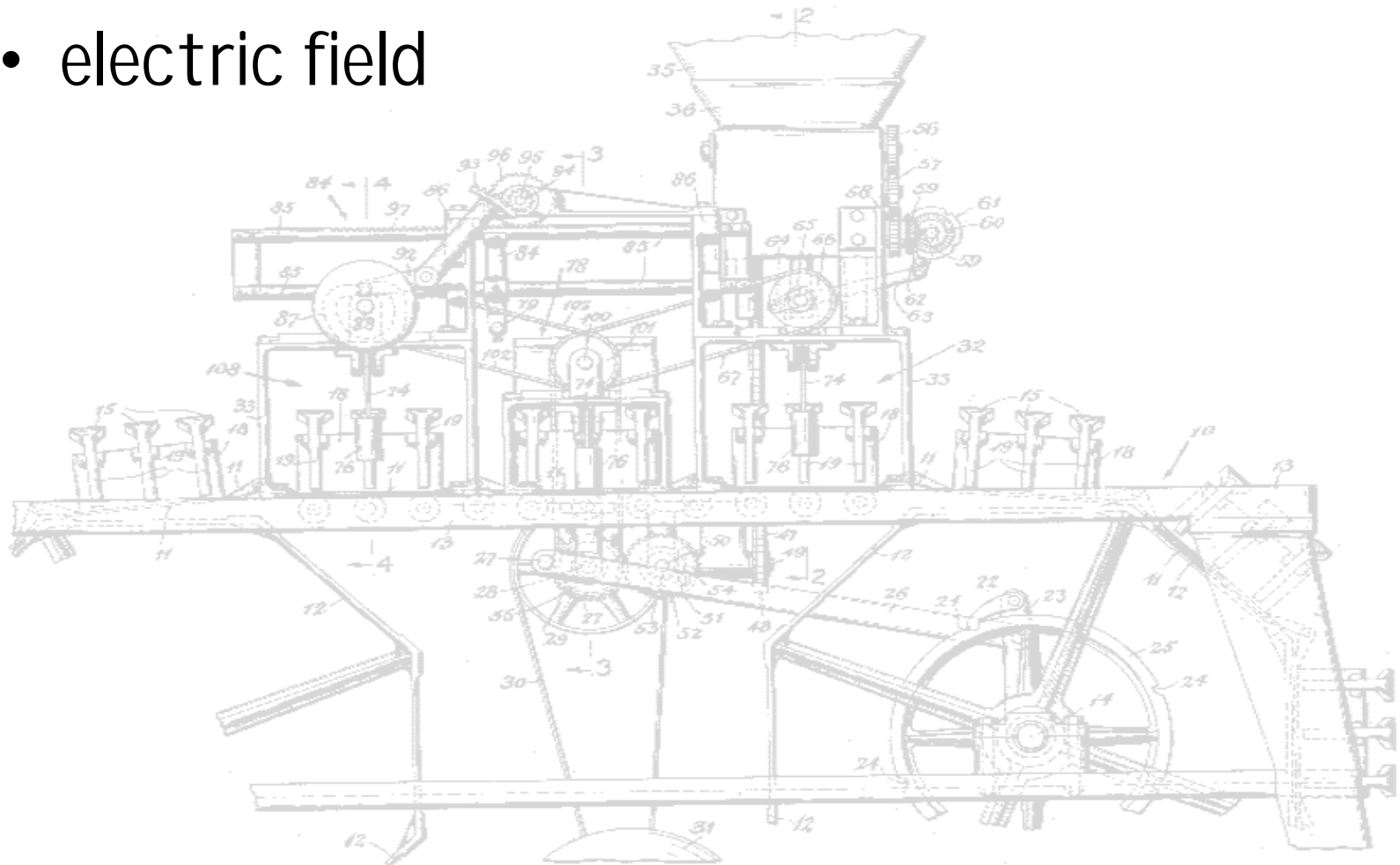
SIGNALING

- Noise margin
- Common-mode noise



NOISE COUPLING

- common-impedance
- magnetic field
- electric field



WIRING METHODS

- individual wire
- twisted pair
- coaxial
- shielding and grounding

