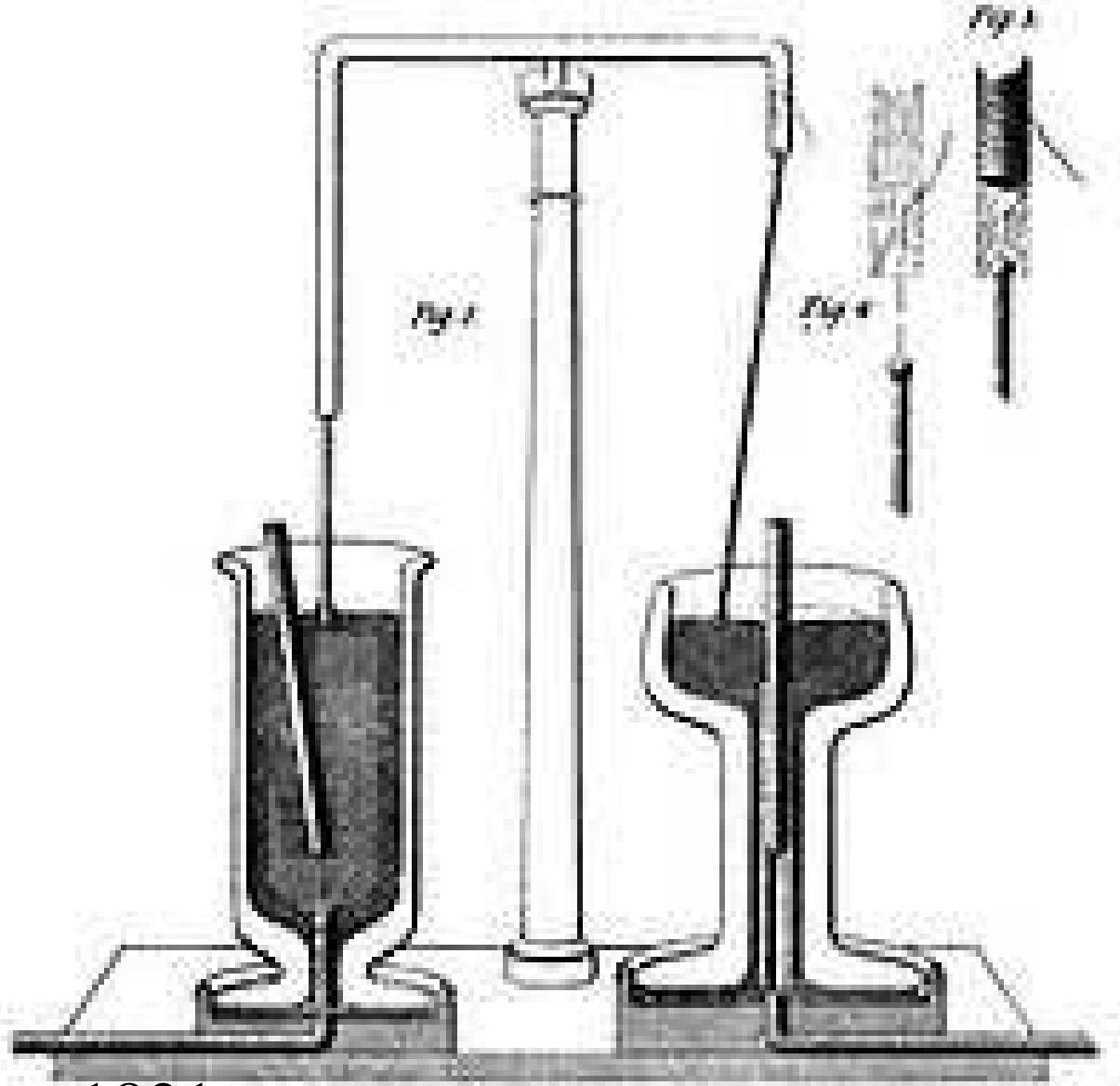


Stalno strokovno spopolnjevanje za učitelje
fizike v srednjih šolah

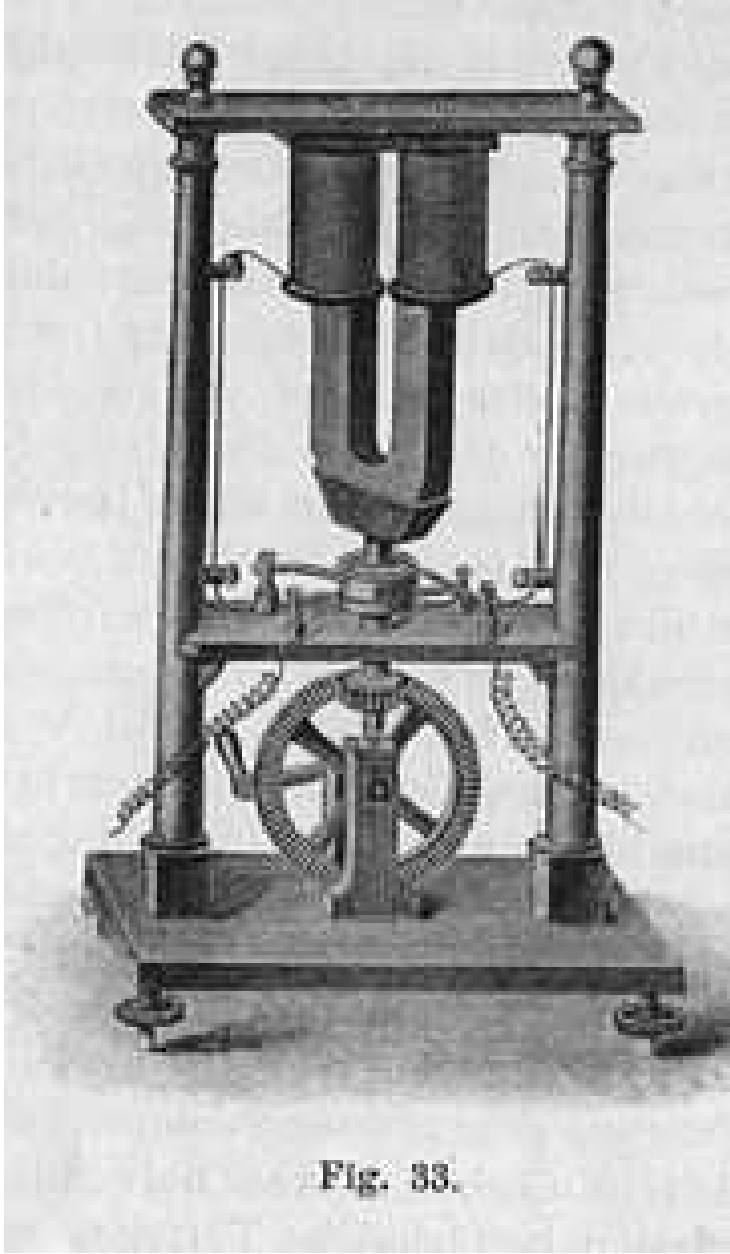
Oddelek za fiziko Fakultete za matematiko in fiziko

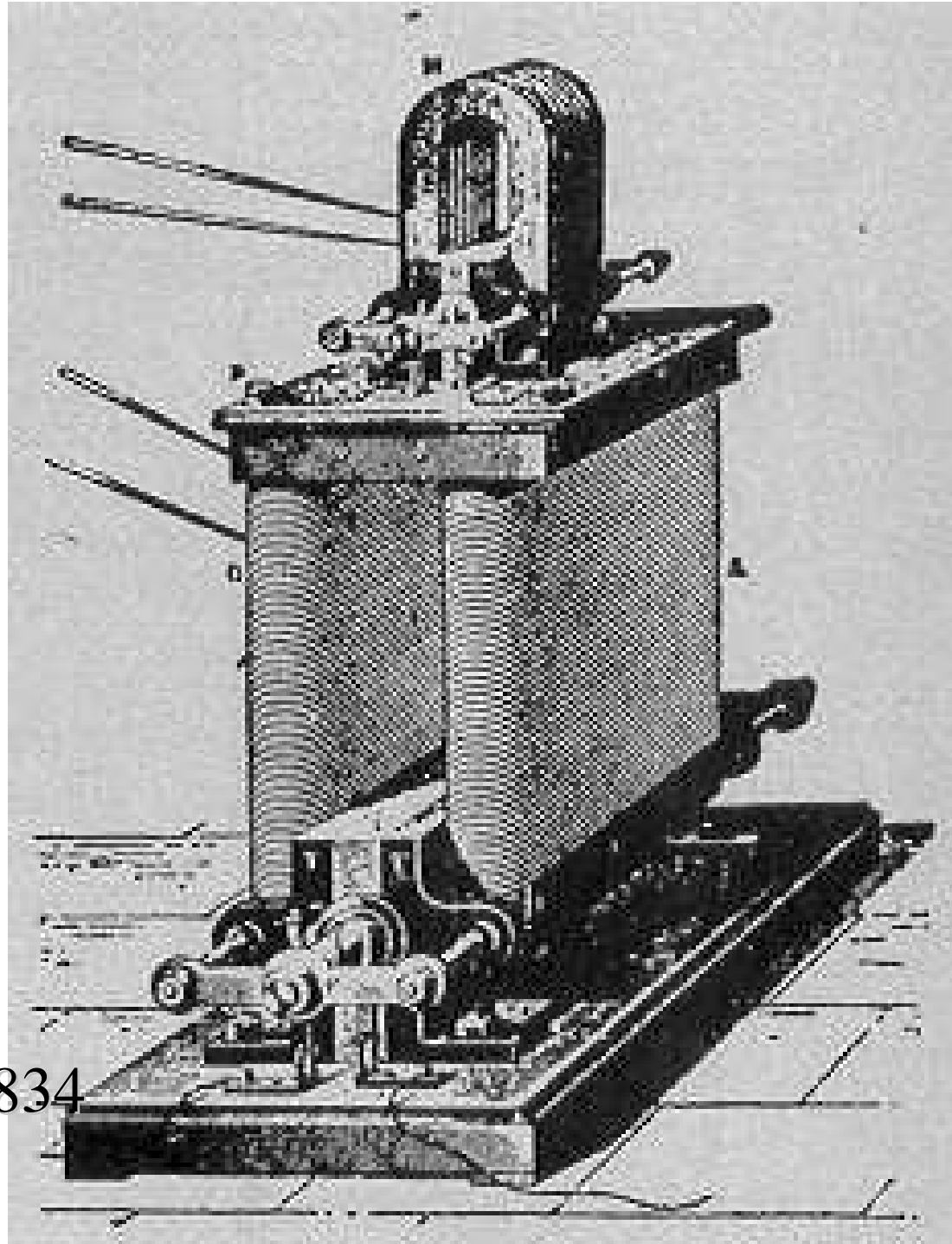
Kako fizika koristi ljudem



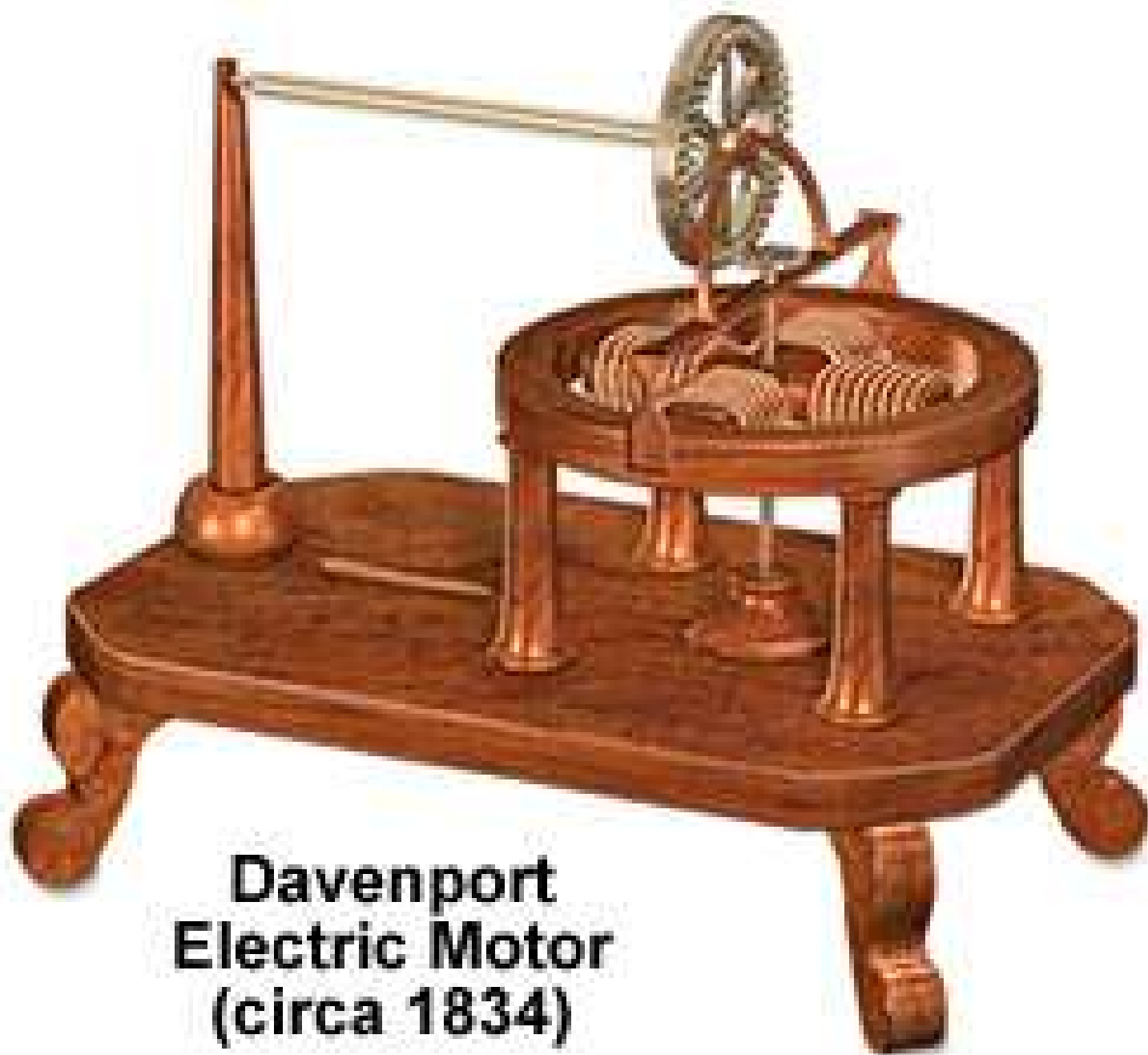
Faraday 1821

Pixii 1832

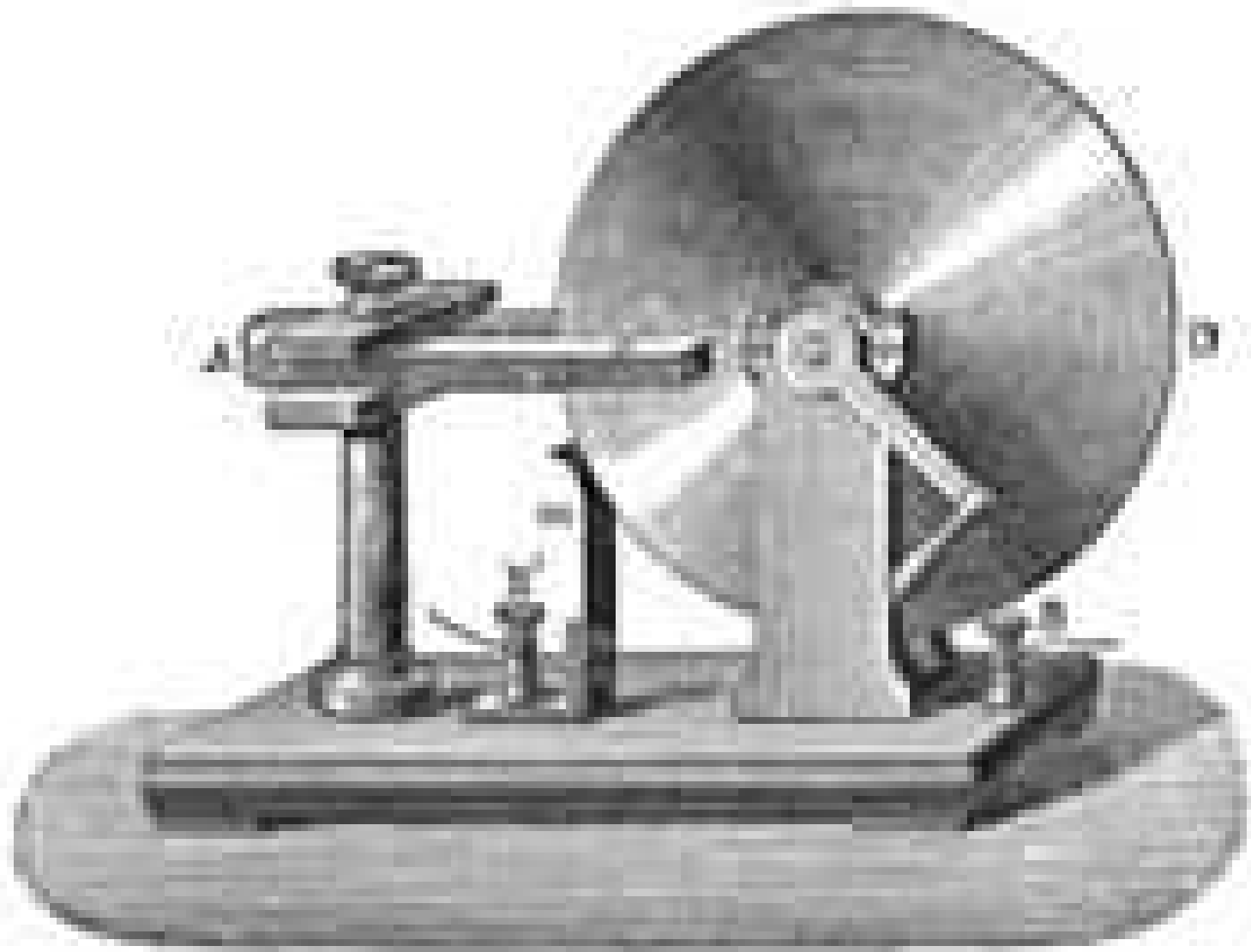




Sturgeon 1834



**Davenport
Electric Motor
(circa 1834)**



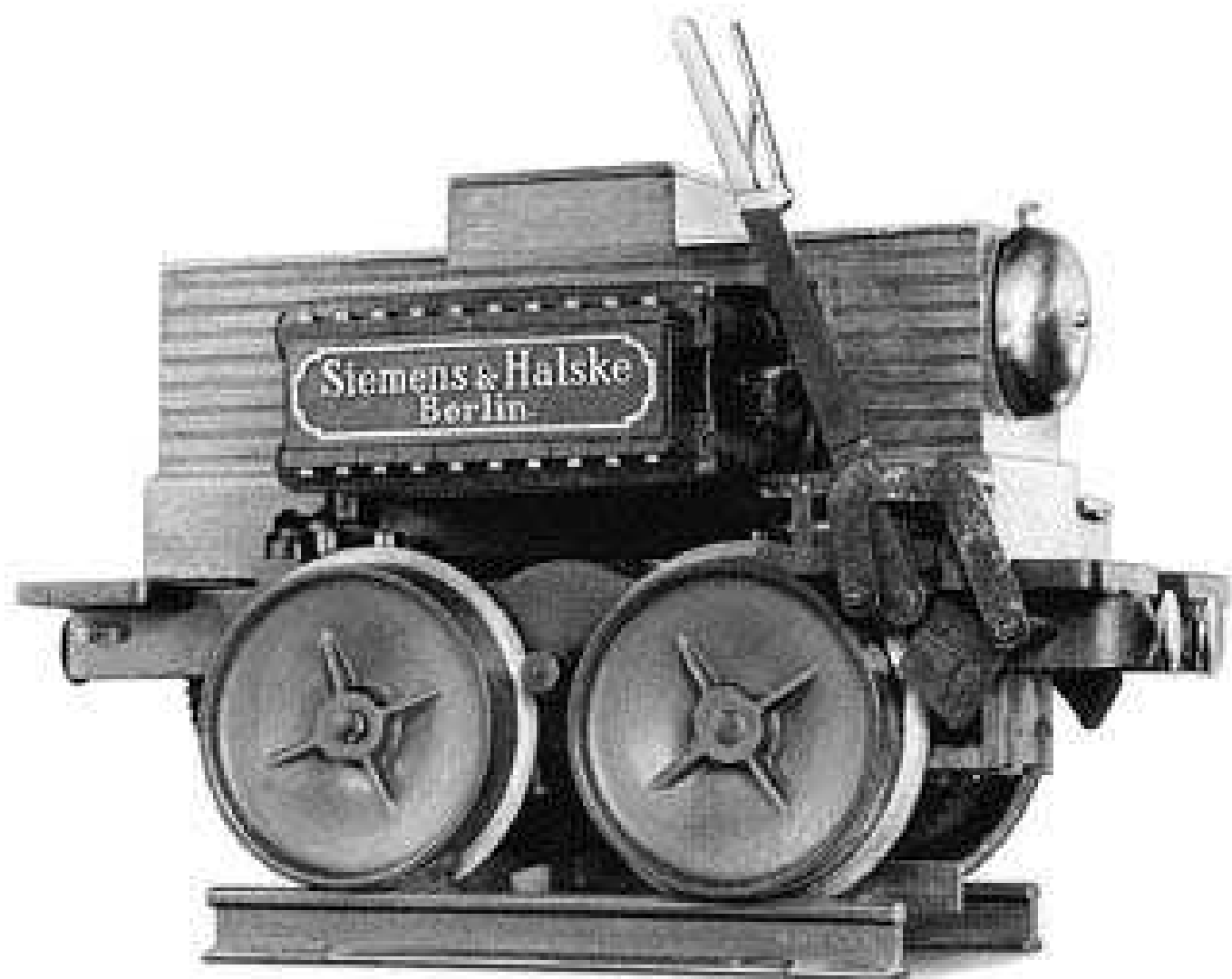
Faraday1831



2 MA, 250 V, 500 MJ



Siemens 1867

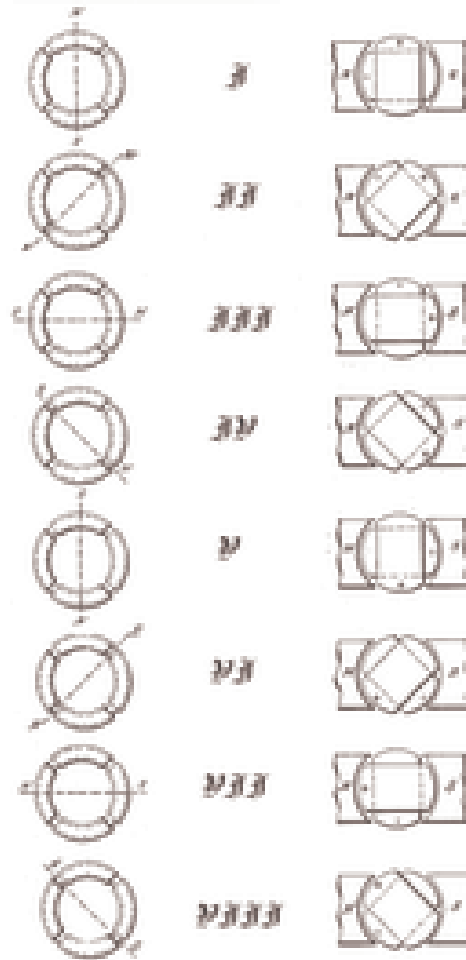
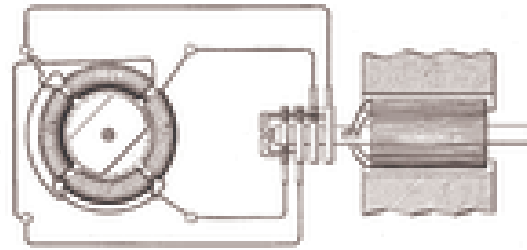


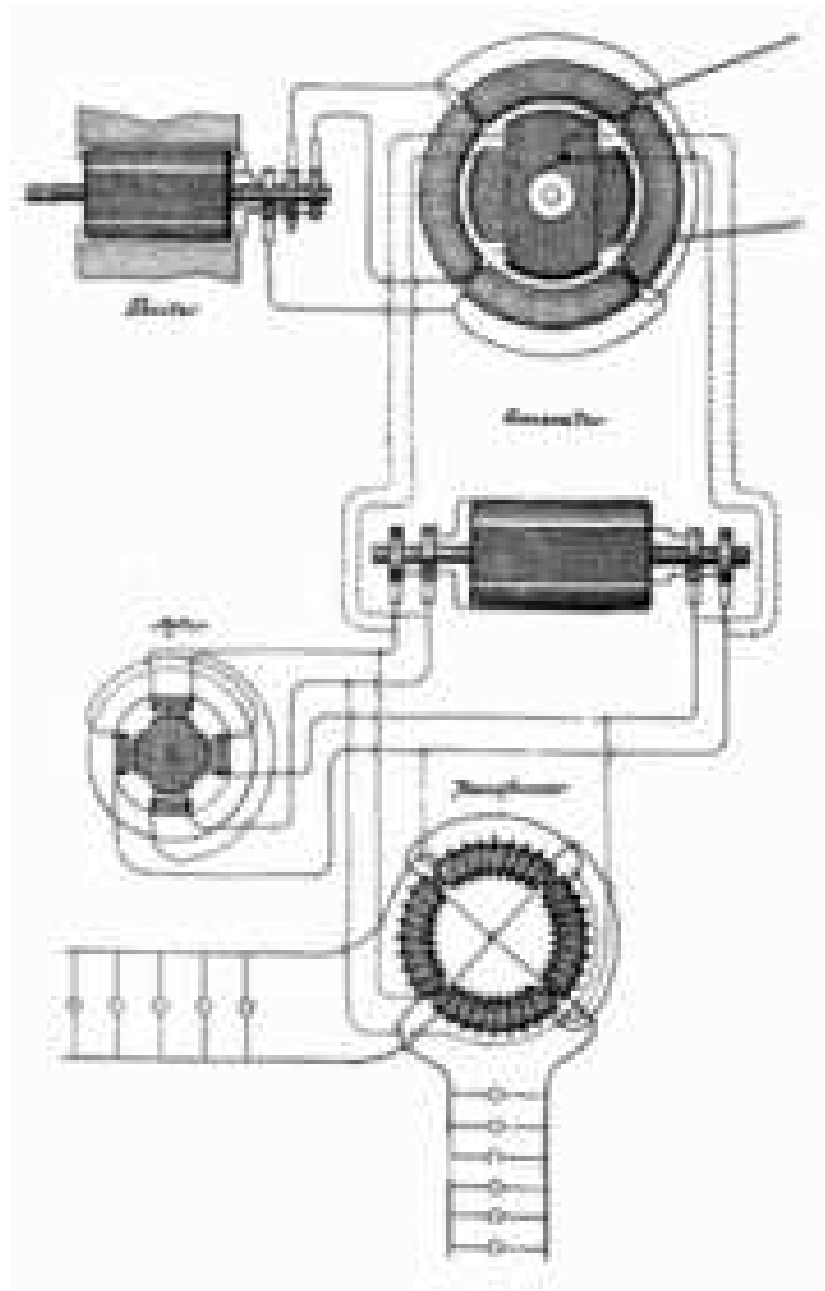
W. Siemens, 1879



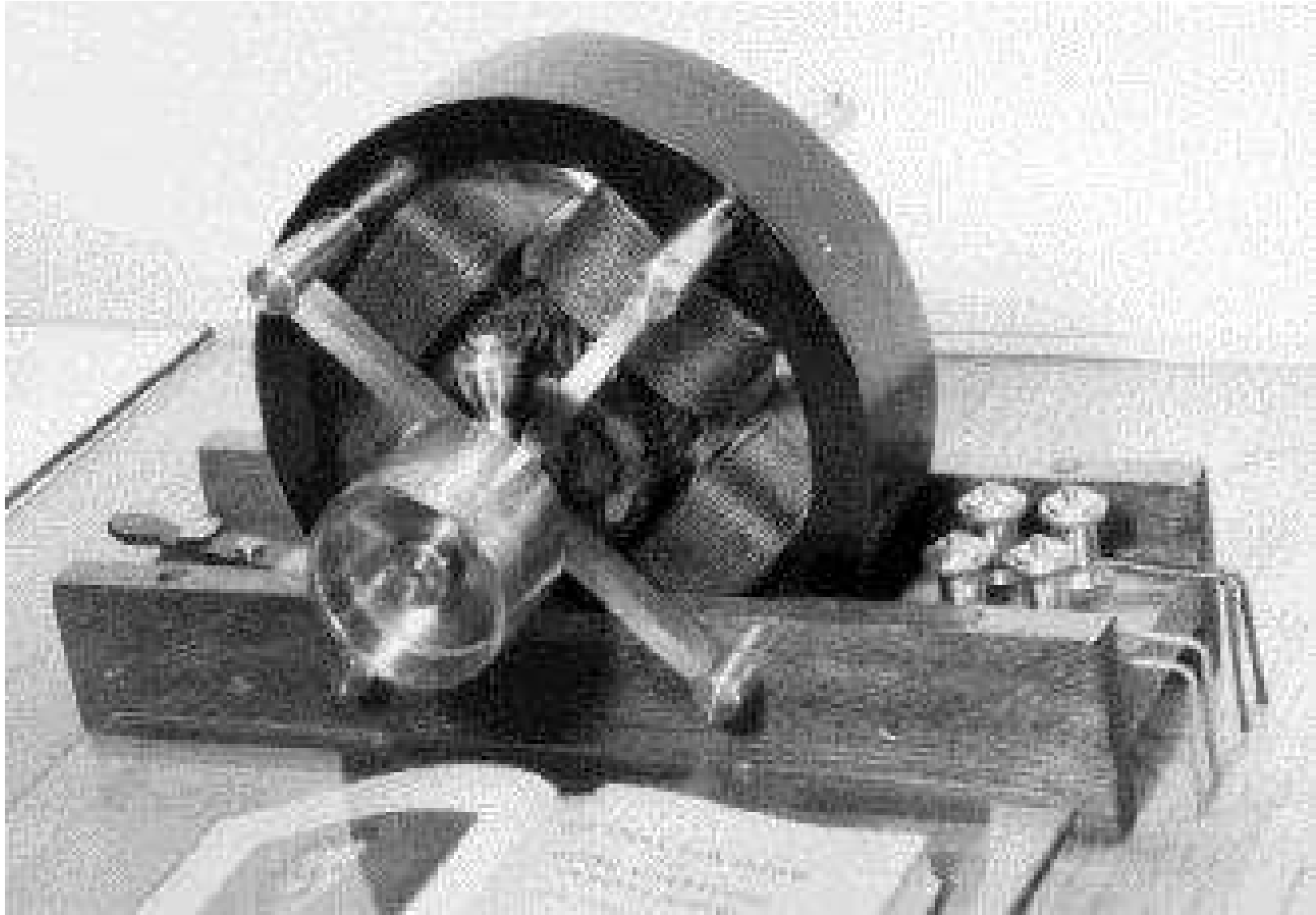
Transformer 1884-1885

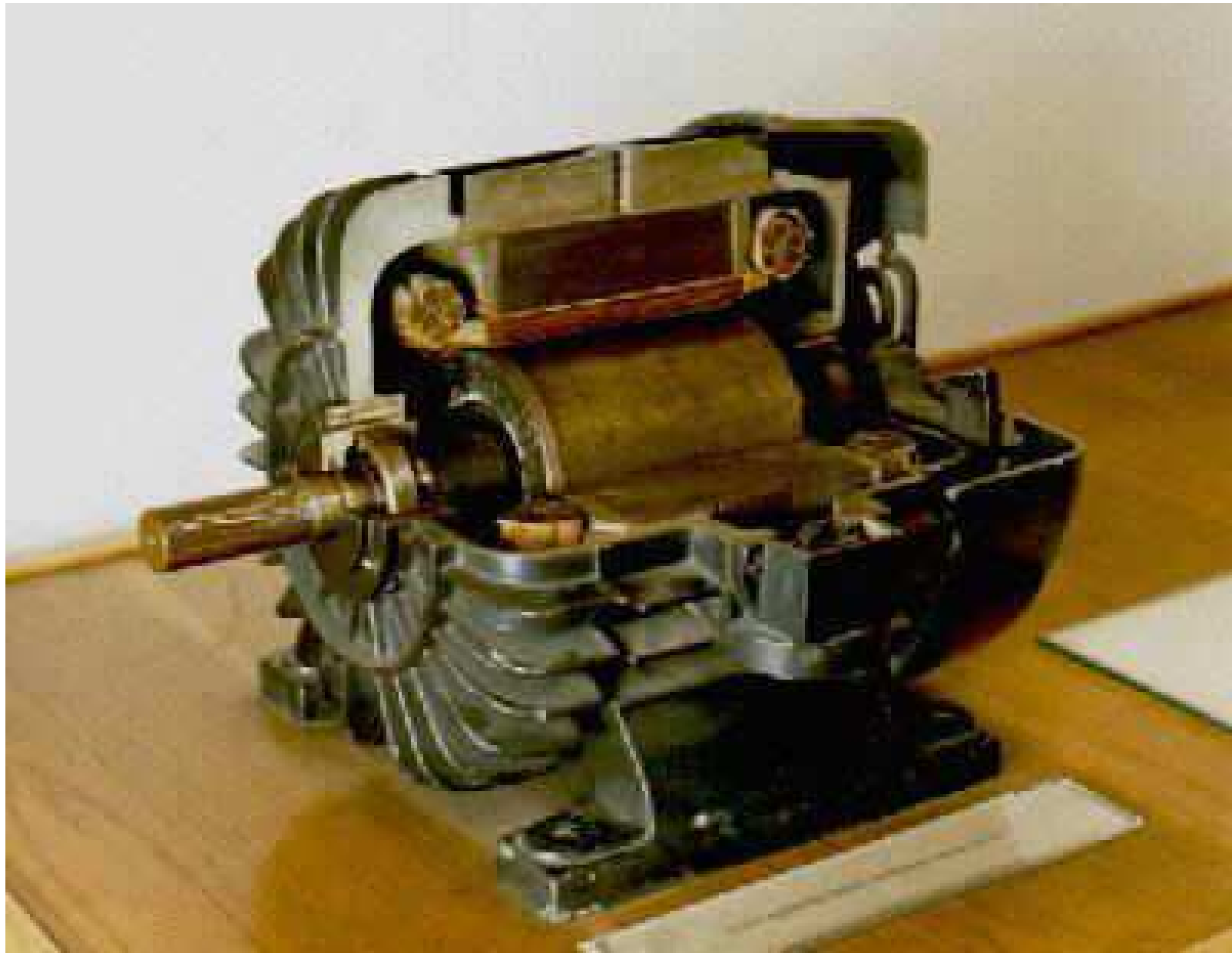
Alfred Deane
ELECTRO-MAGNETIC MOTOR.
No. 381,008

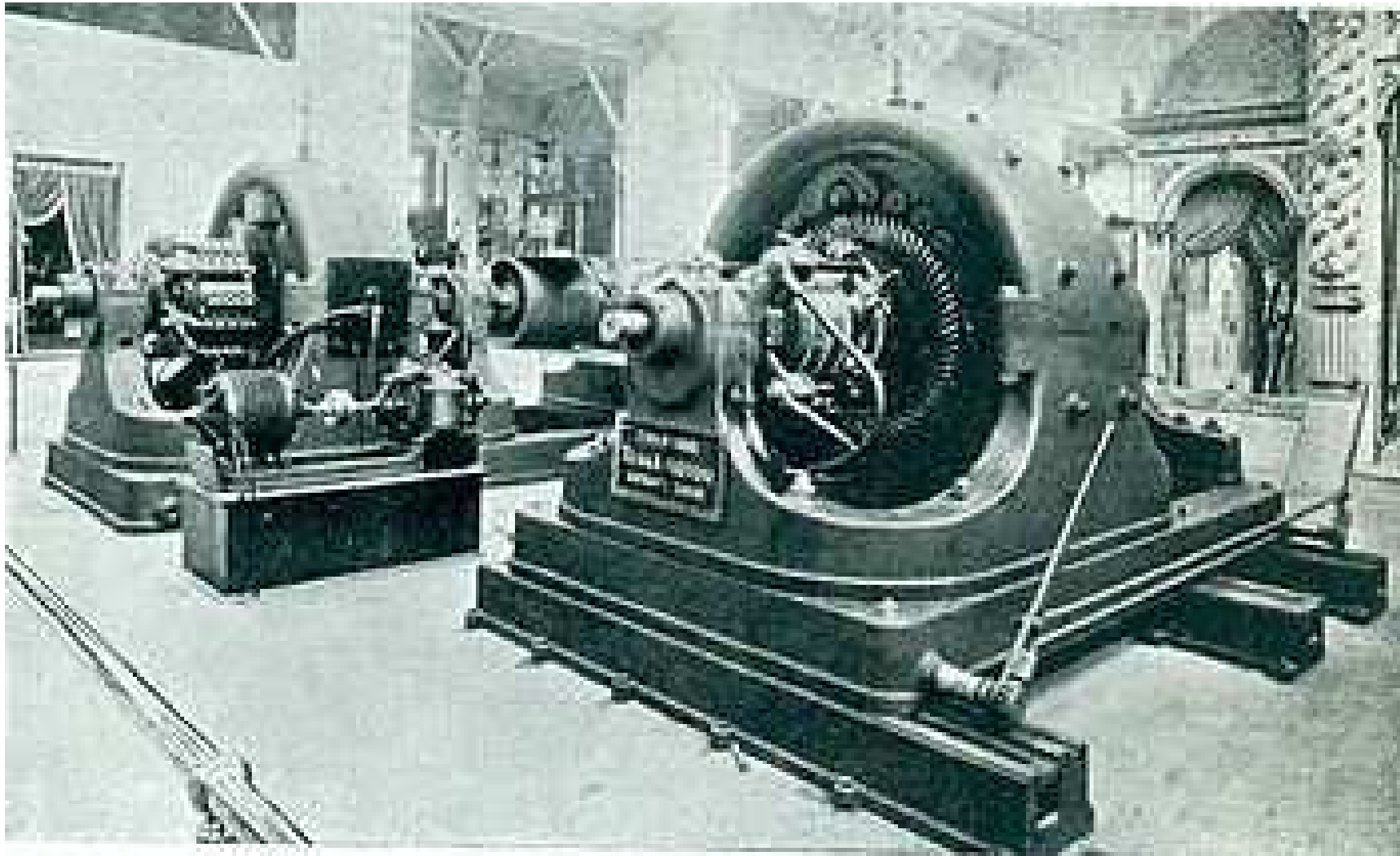


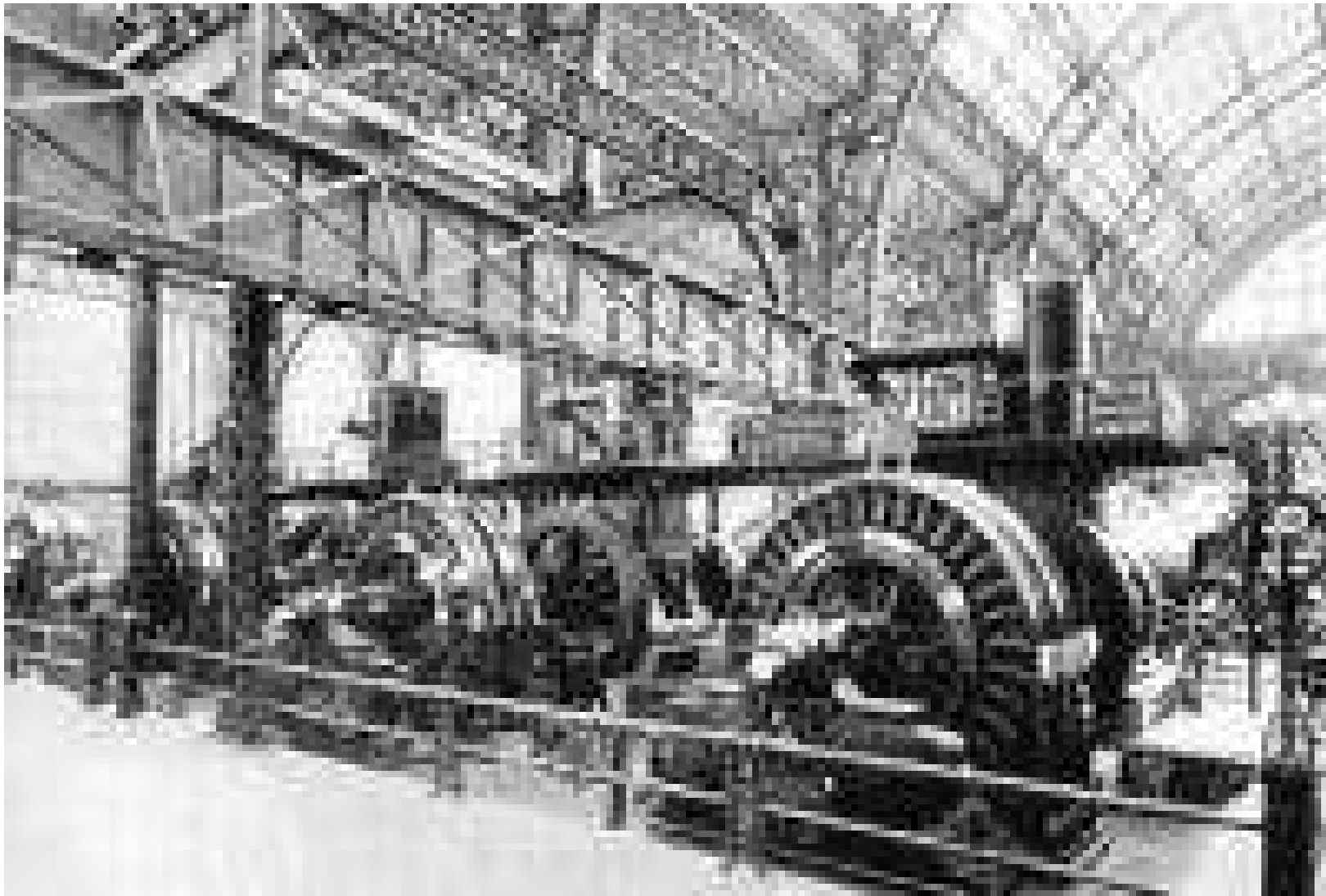


Tesla 1888













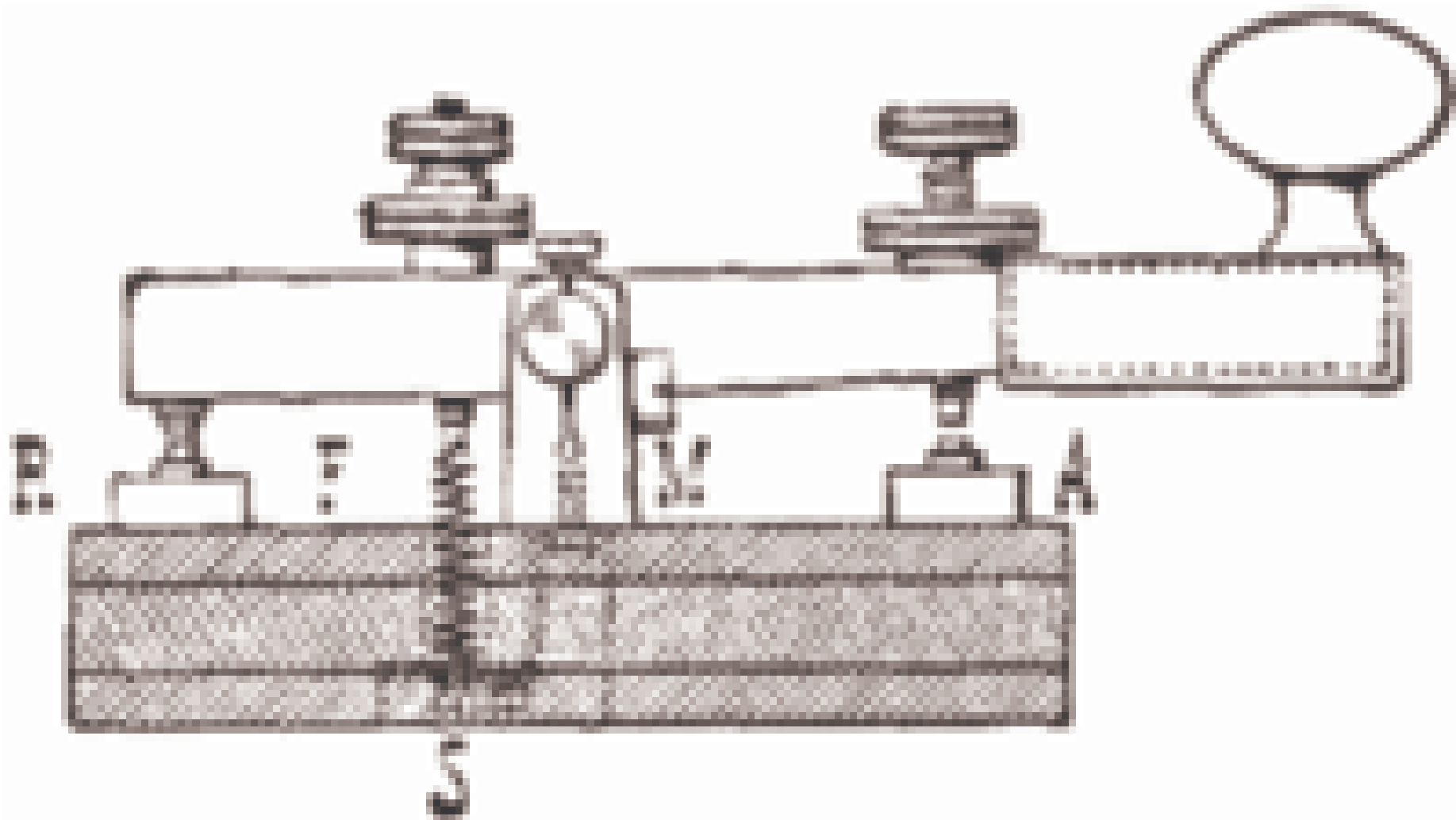


Fig. 6.

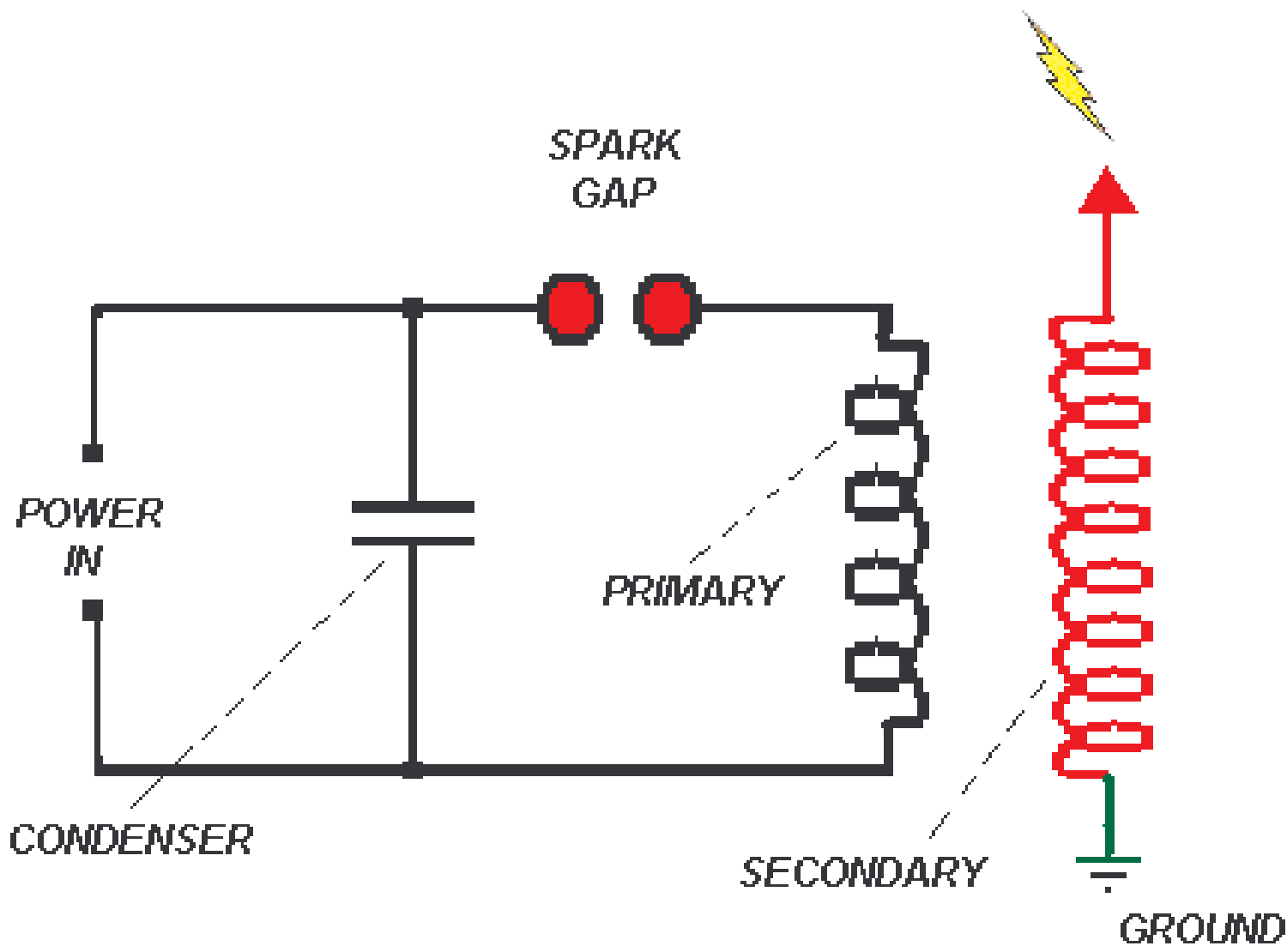
Gauss in Weber 1833, Morse 1840, 1844



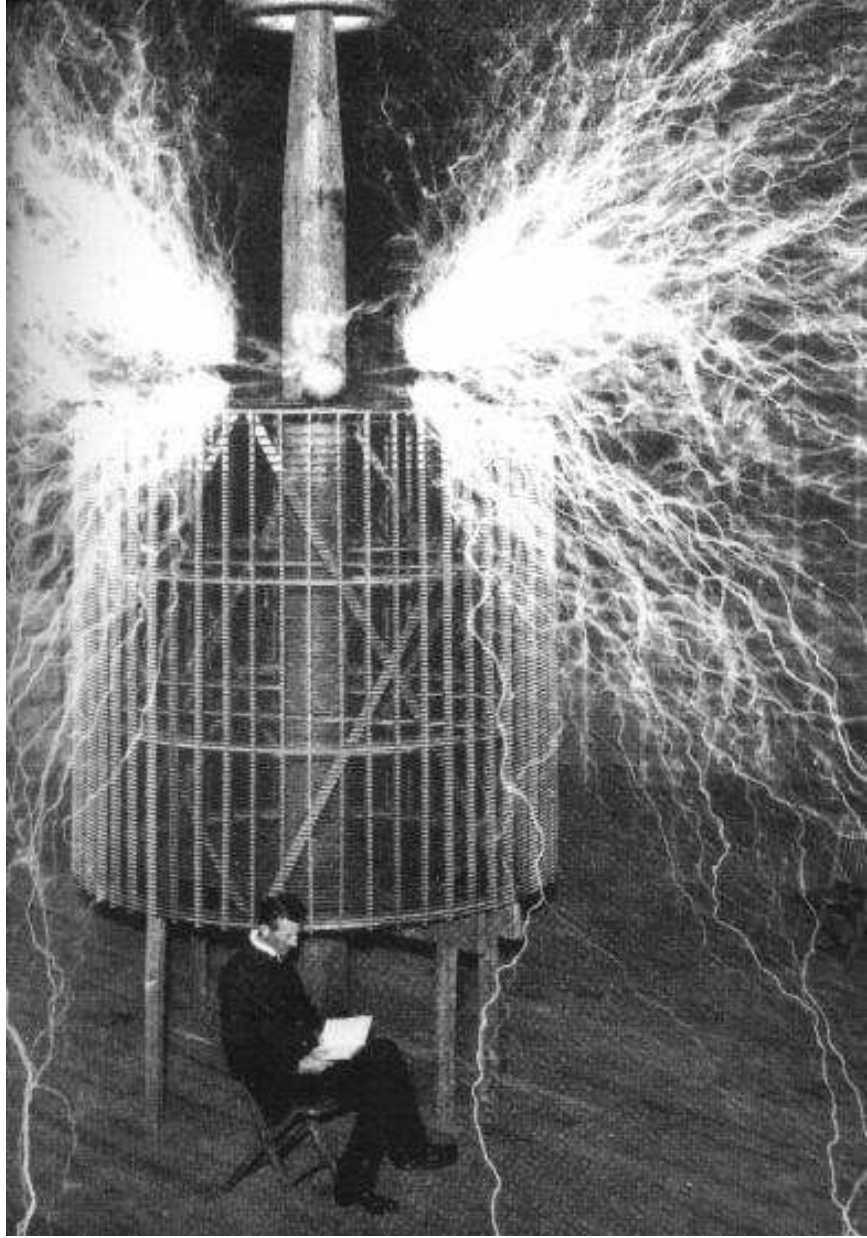
WACs assigned to the Eighth Air Force in England operate tele-type machines. (DOD photograph)



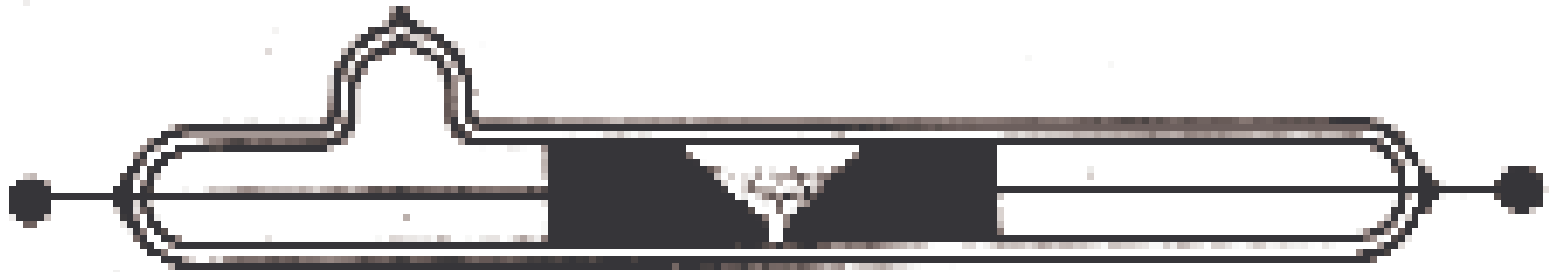
Reiss 1860, Bell 1876



Tesla 1891







Koherer, Calzecch-Onnesti 1884, Marconi 1894



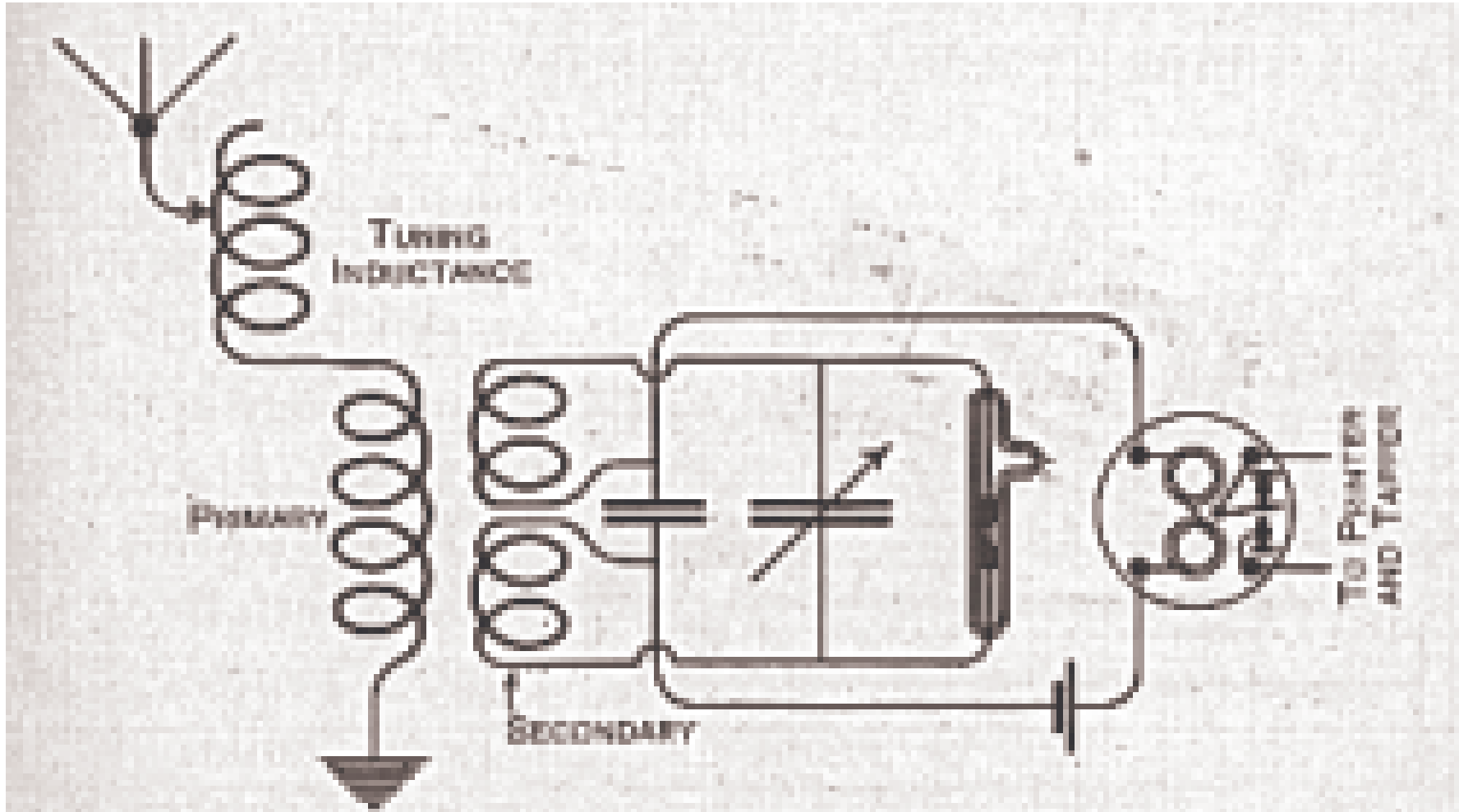


FIG. 42
Circuits of Marconi coherer receiver

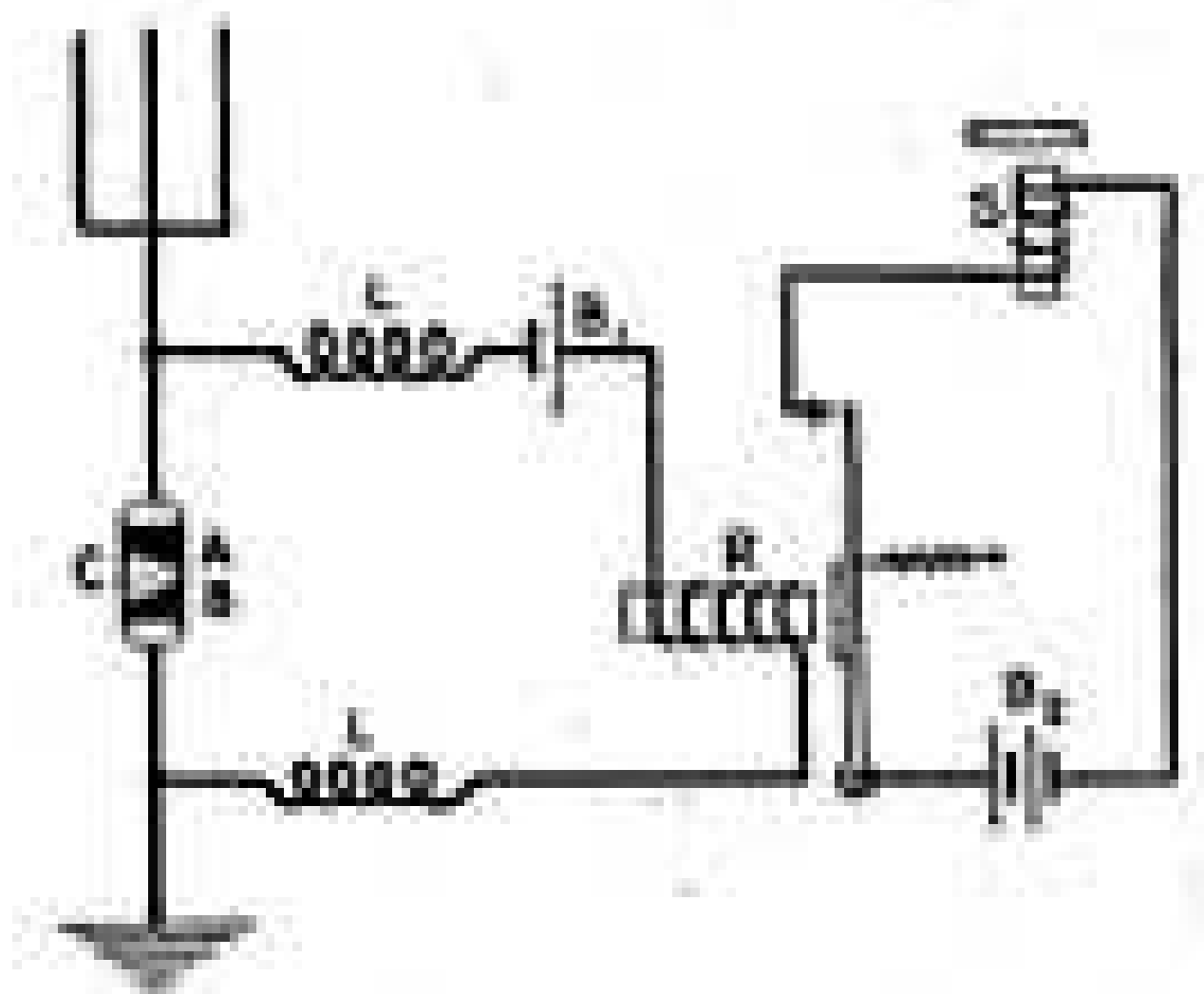
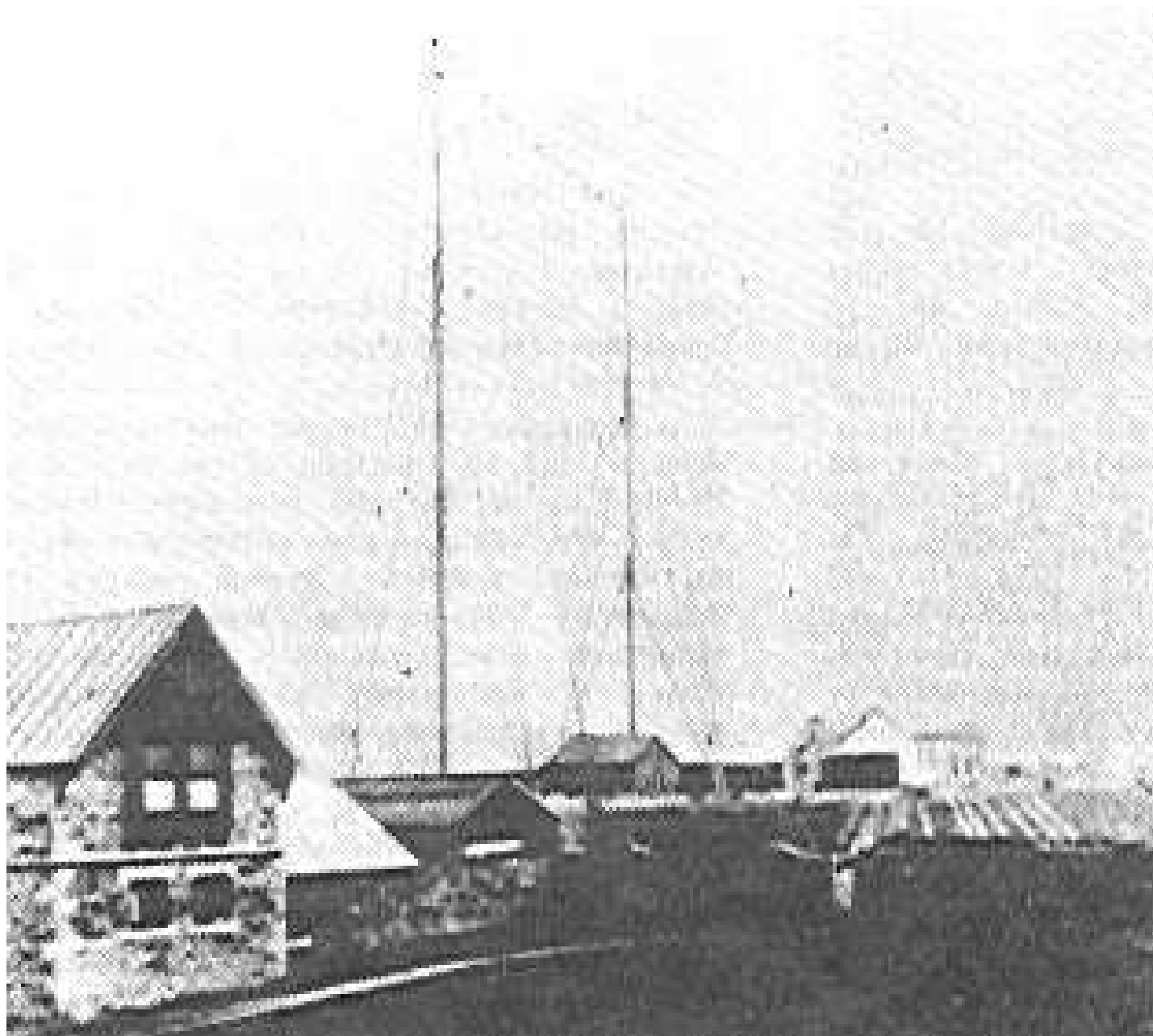


Fig. 101. Marconi 1896 Receiver.



Poldhu, Marconi 1899-1901







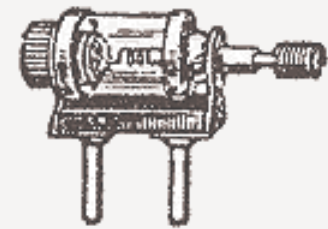


Tesla 1901

Zur Antenne

Zur Erde

Der Detektor. Links im Glasgehäuse der Kristall



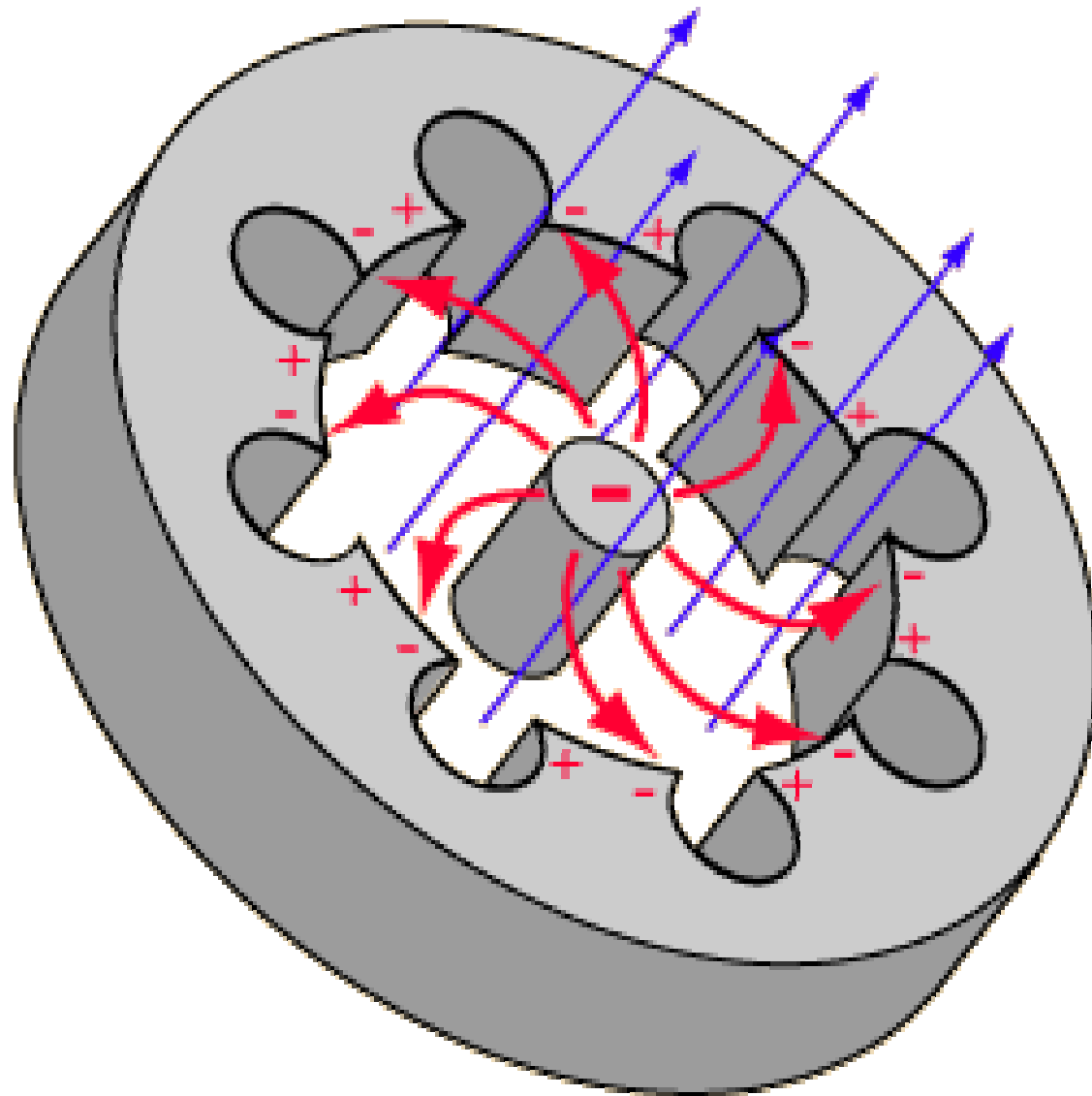
Der fertige Apparat mit angeschlossener Antenne und Erde und eingestecktem Kopfhörer

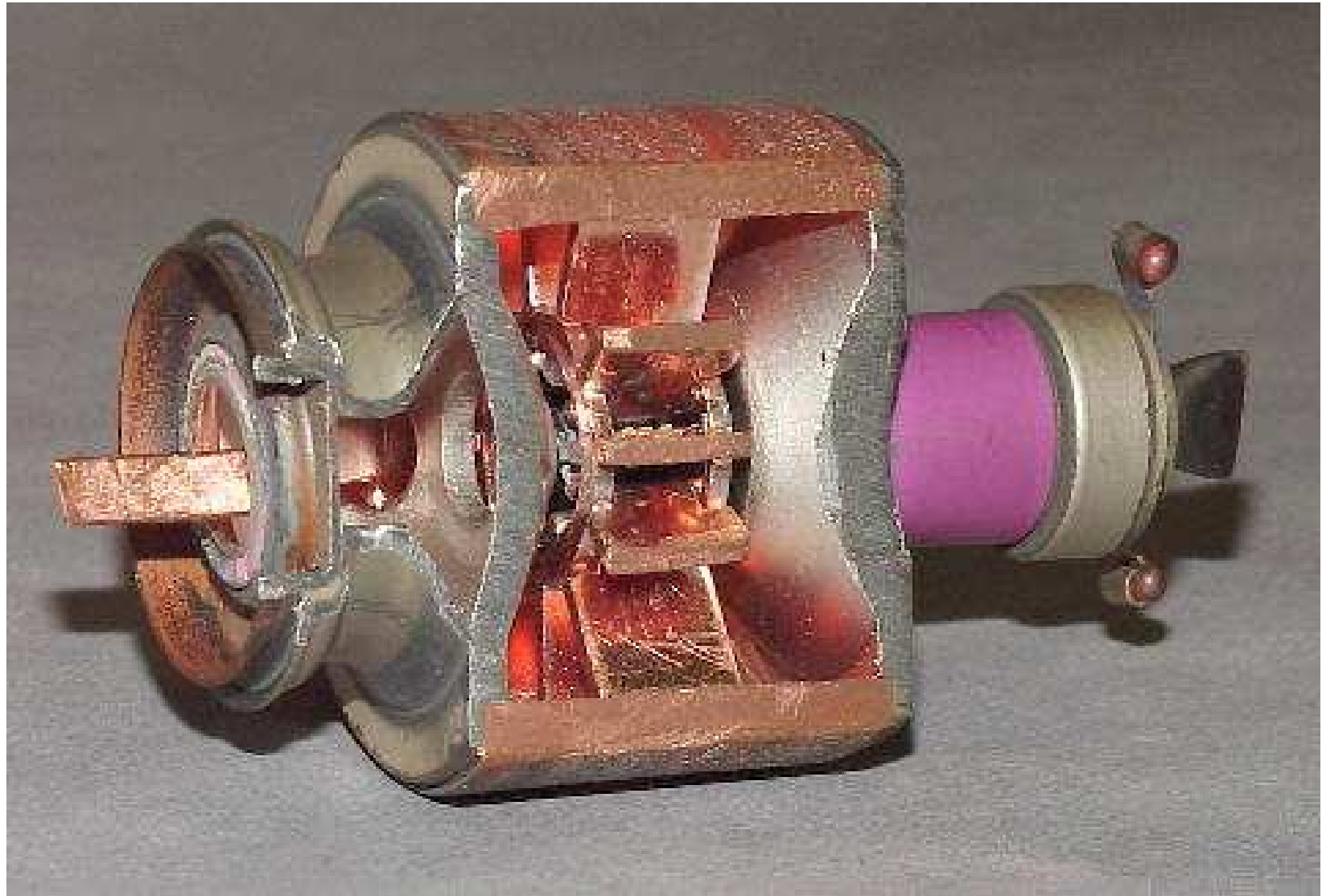
RCA
12AX7
(1947)

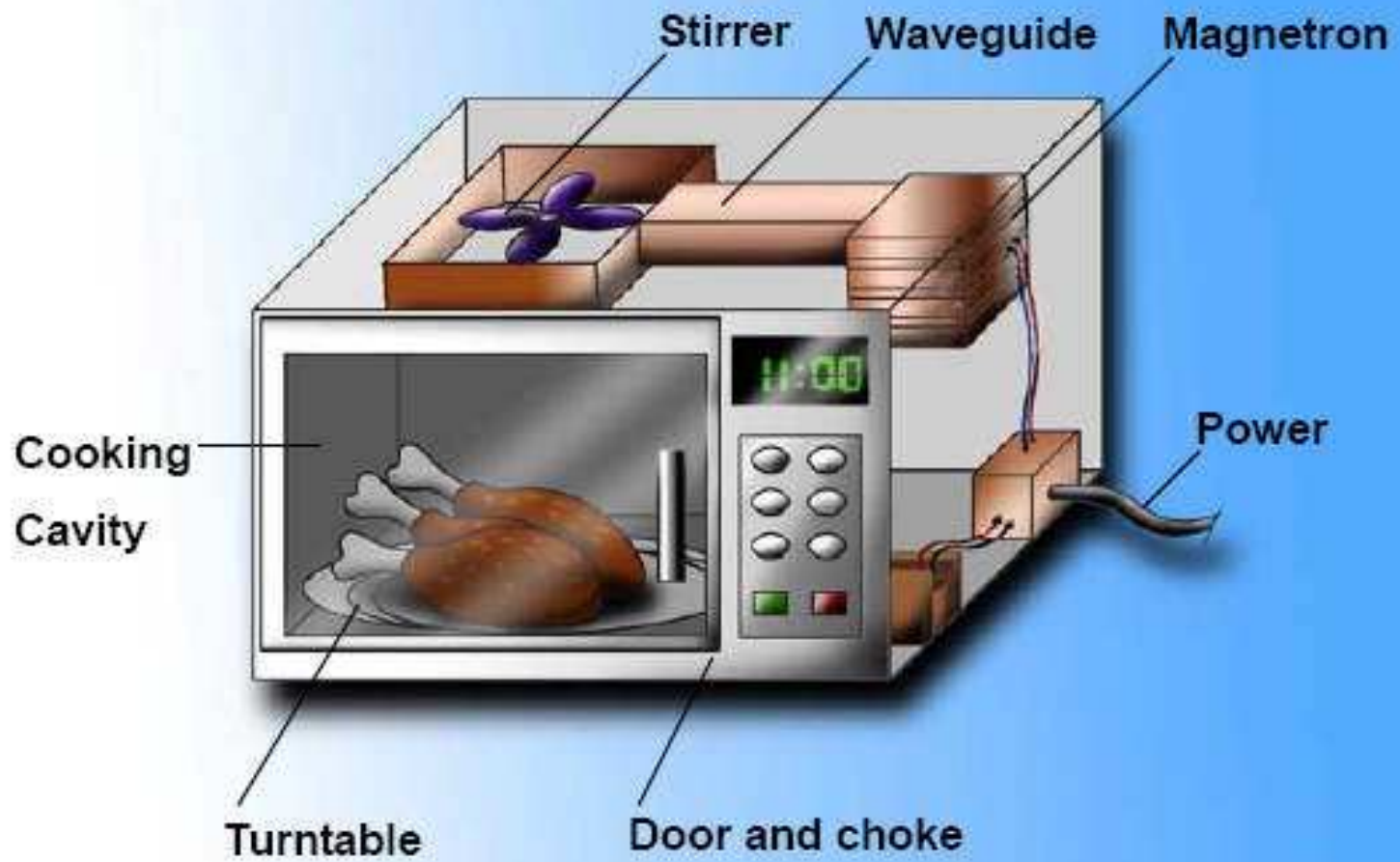


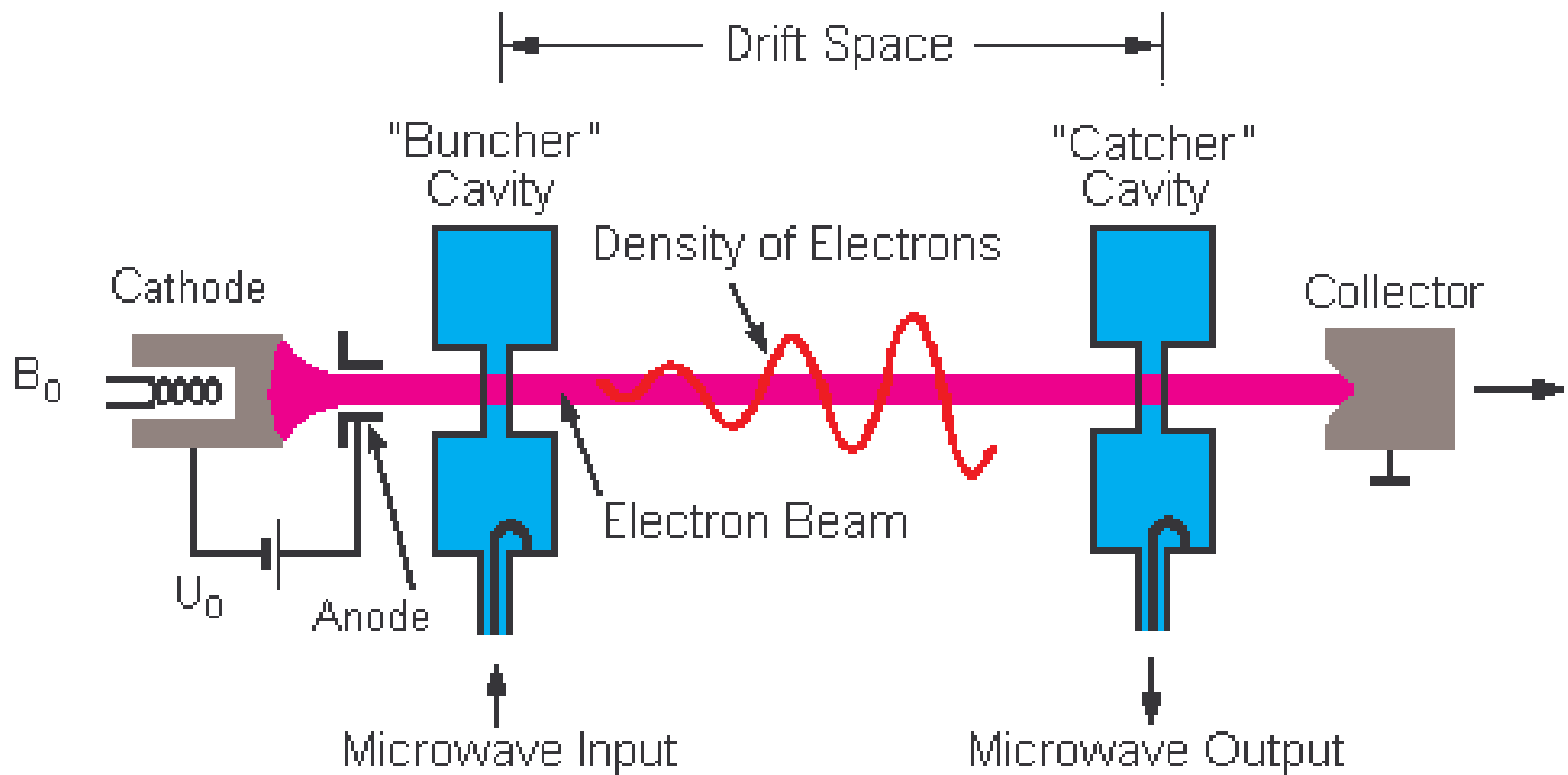


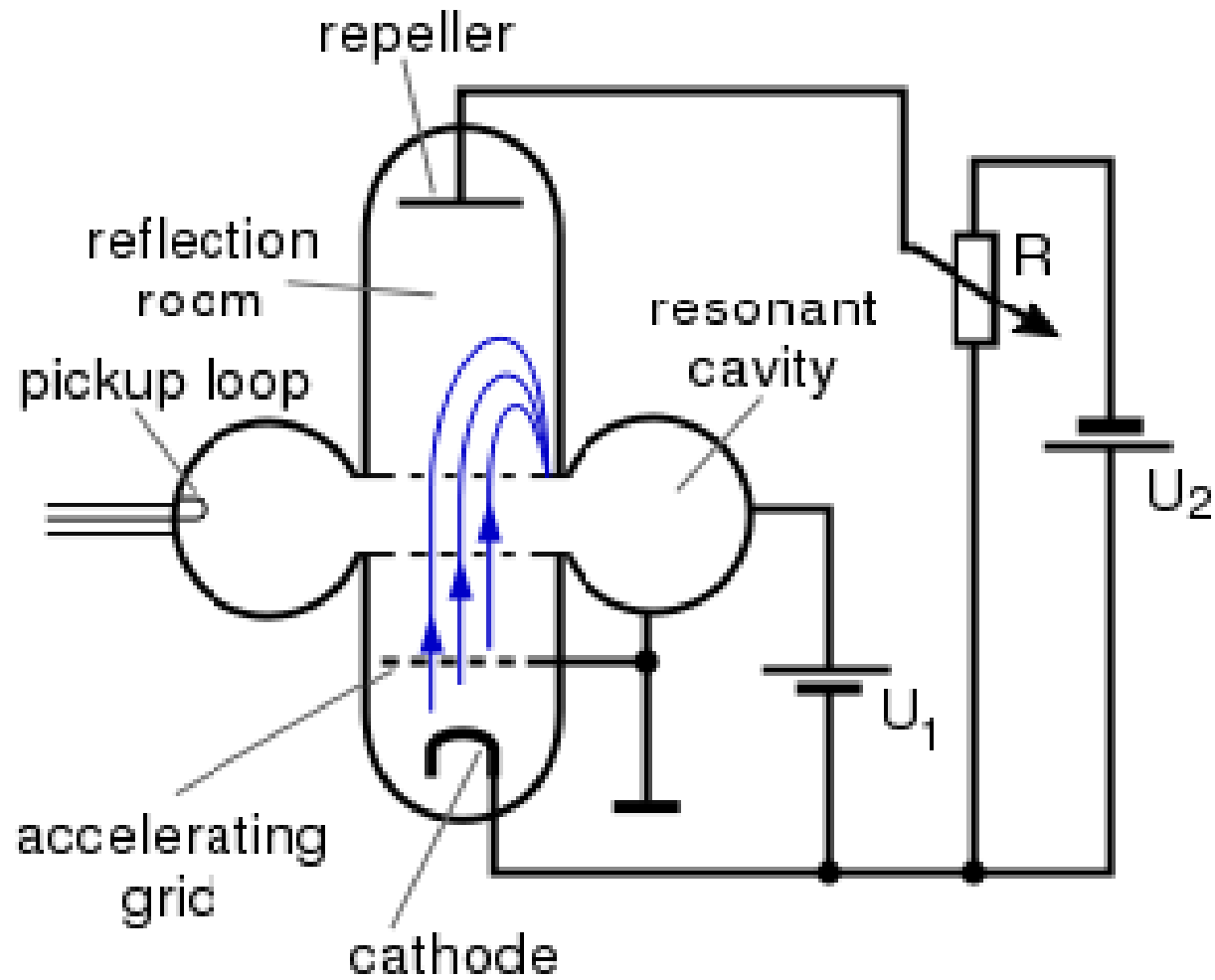












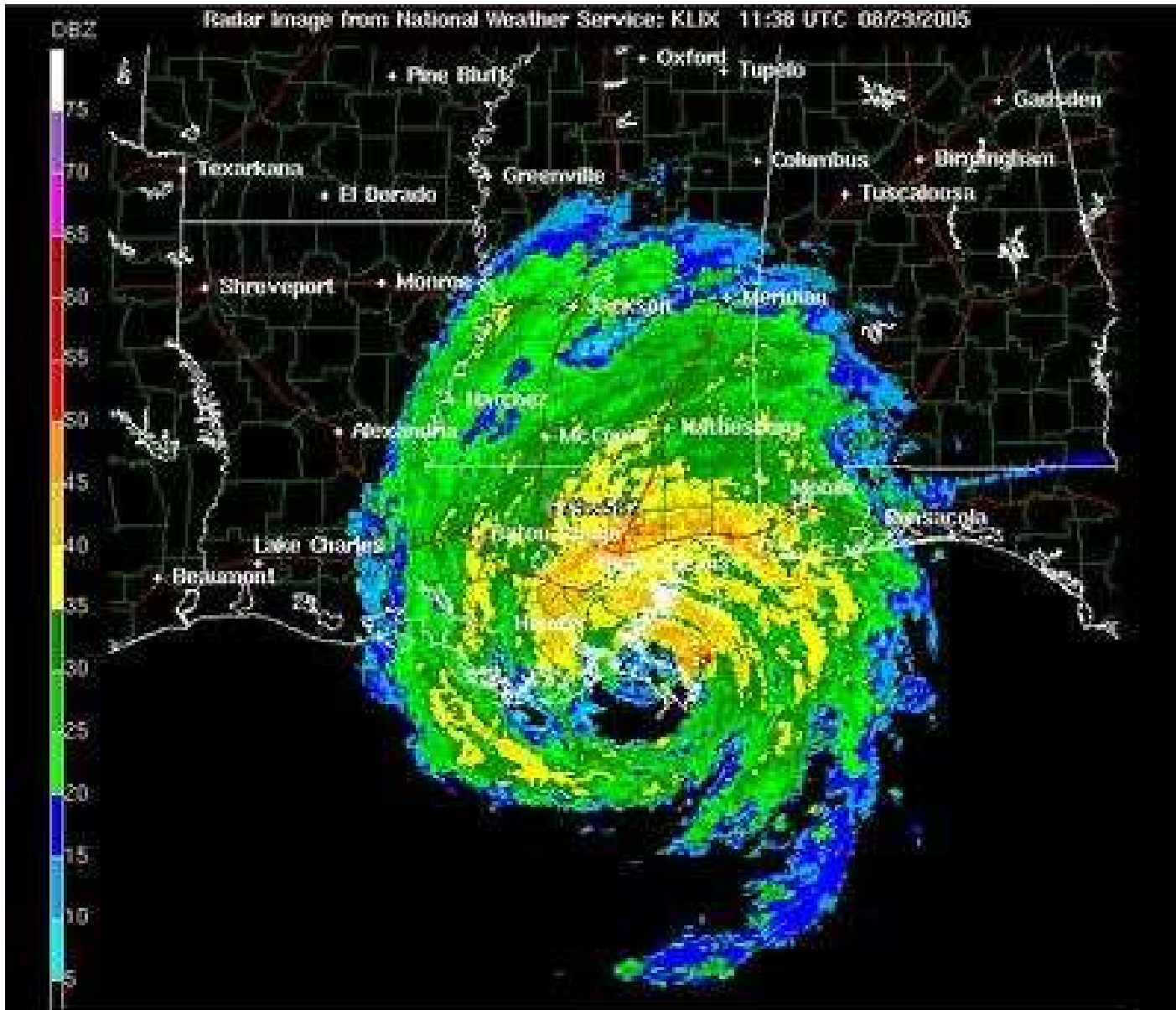


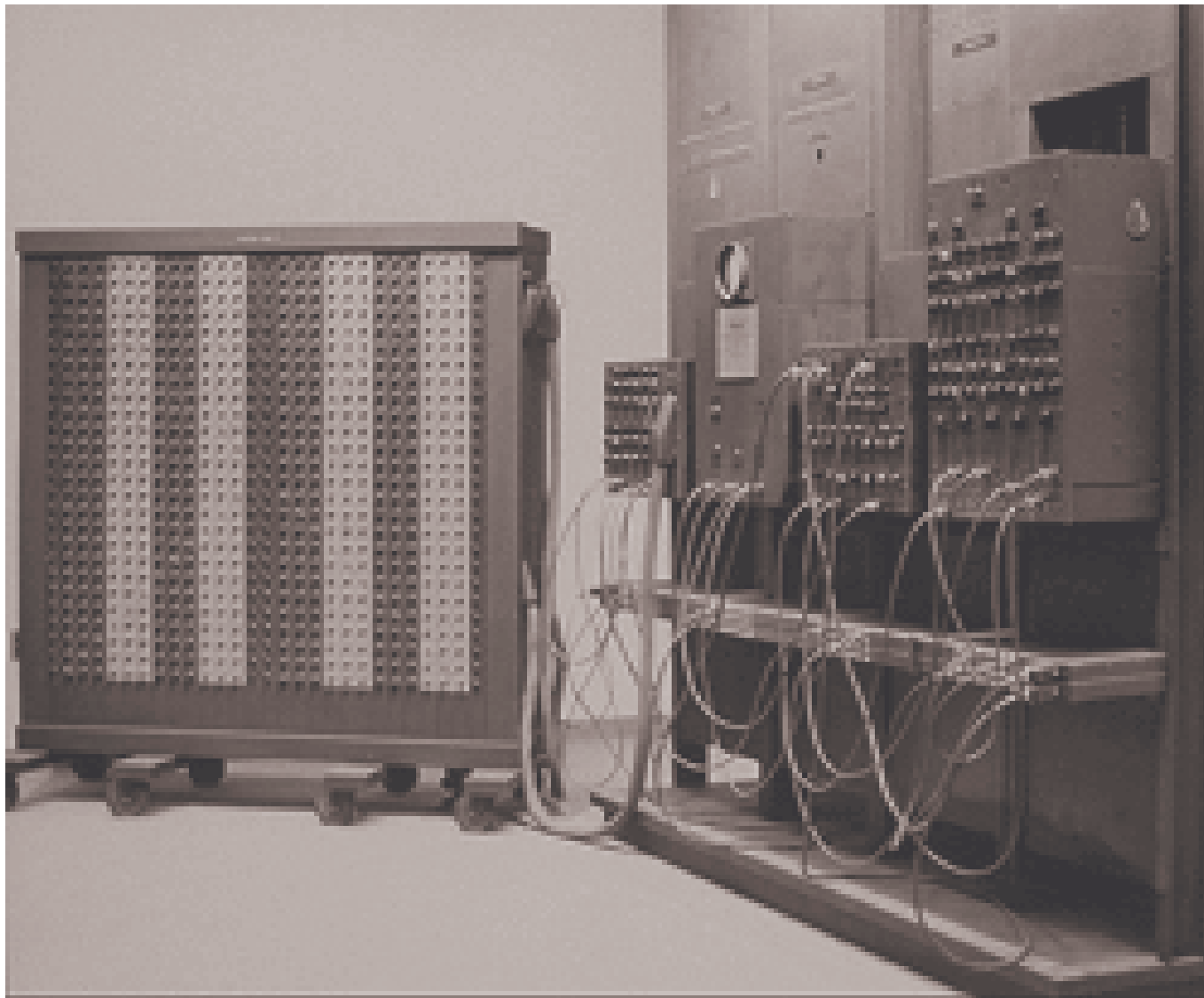




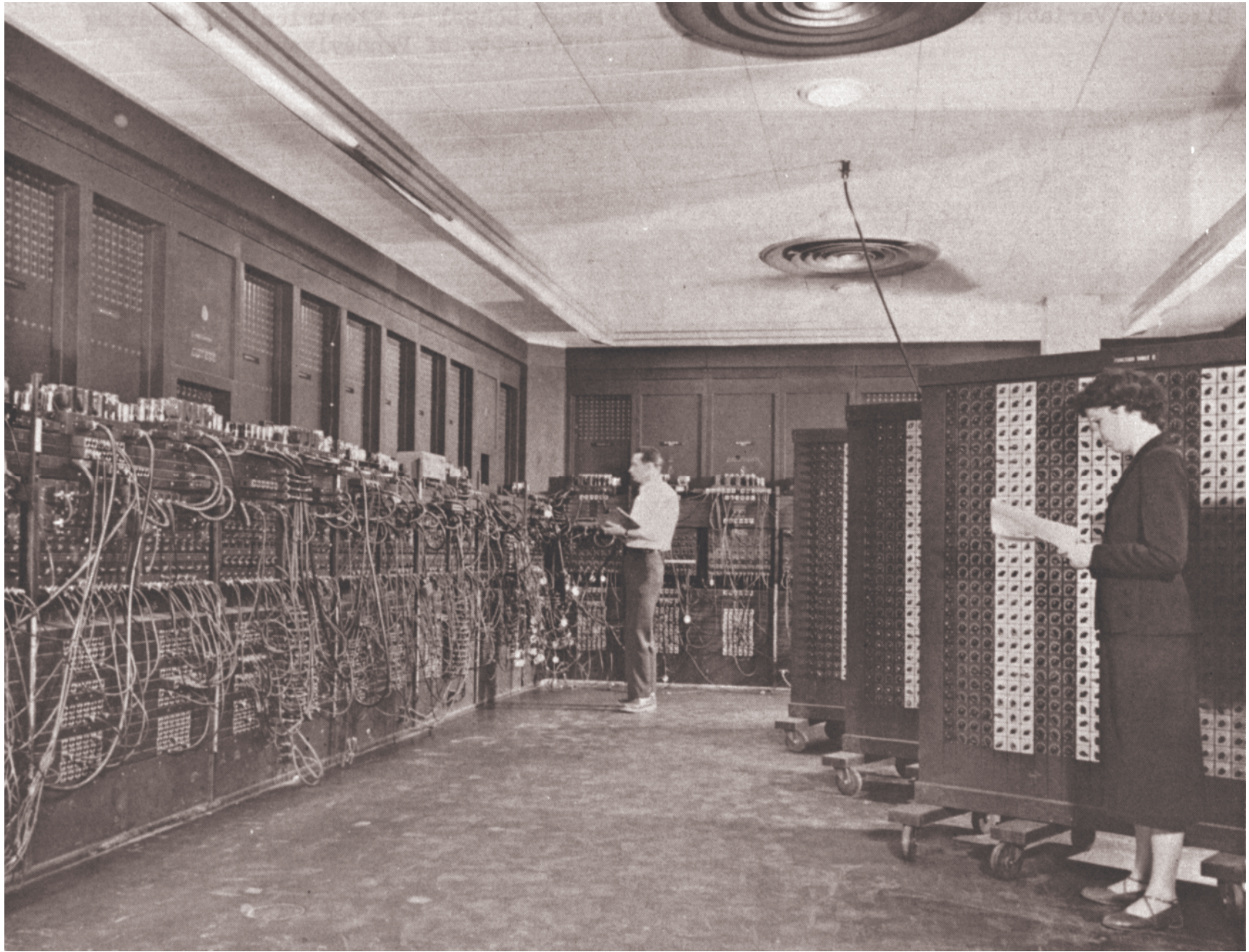


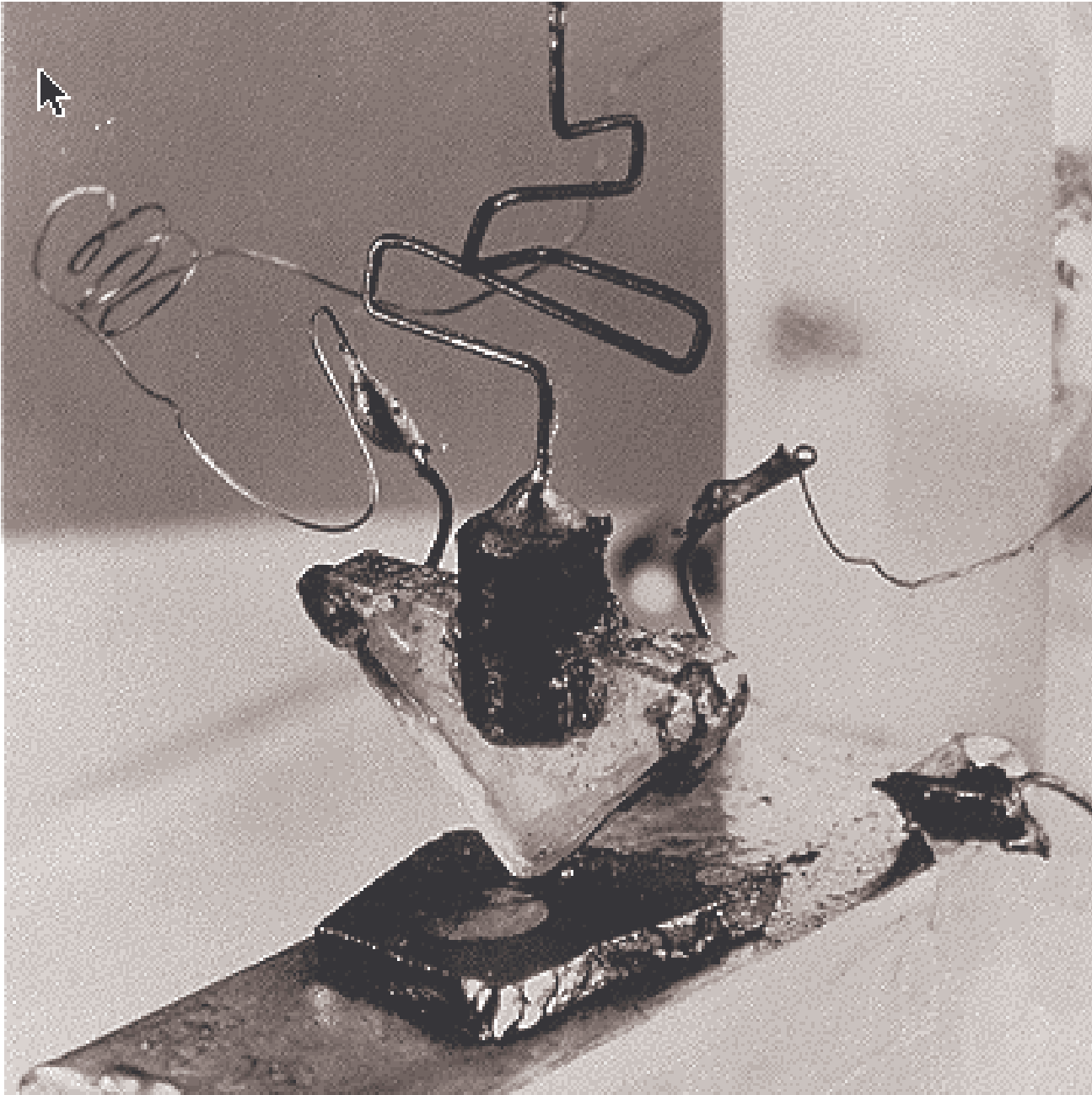




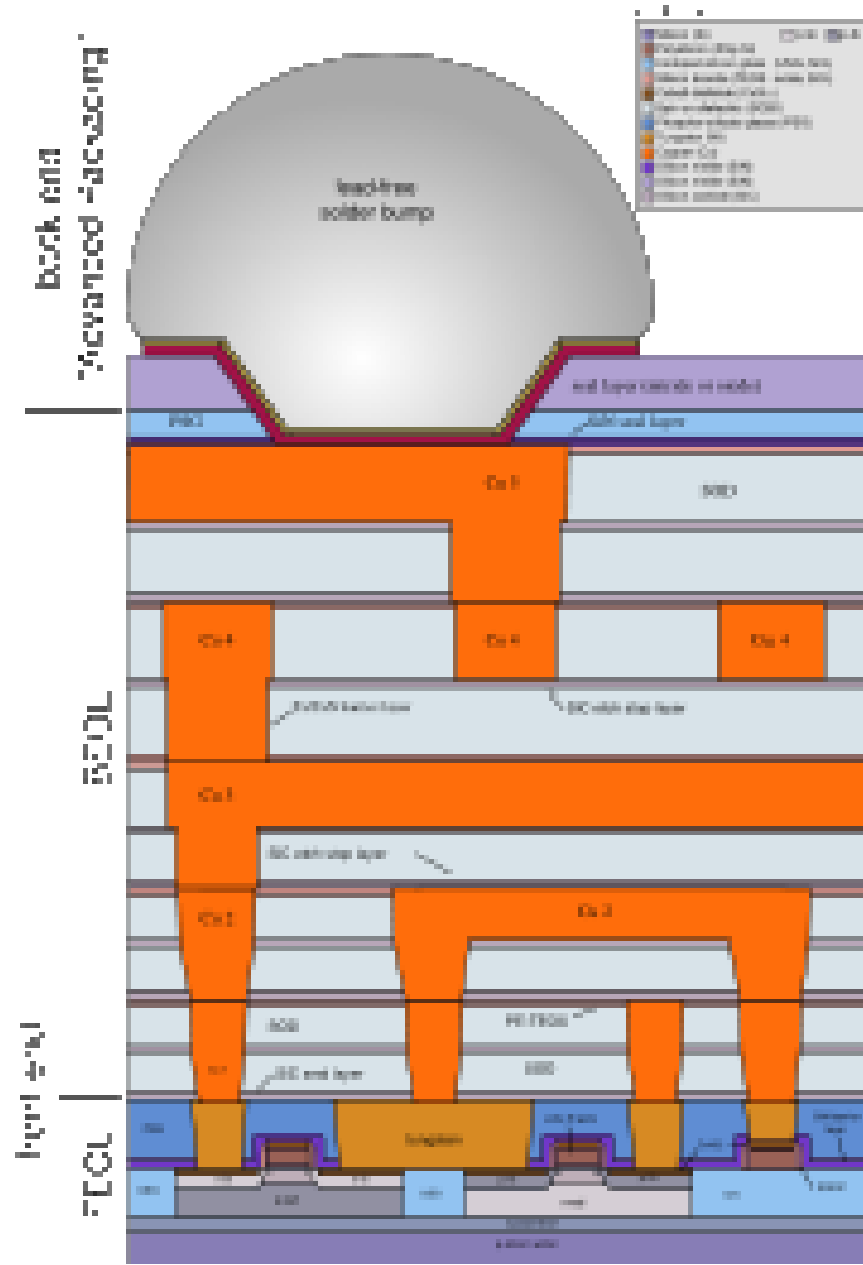


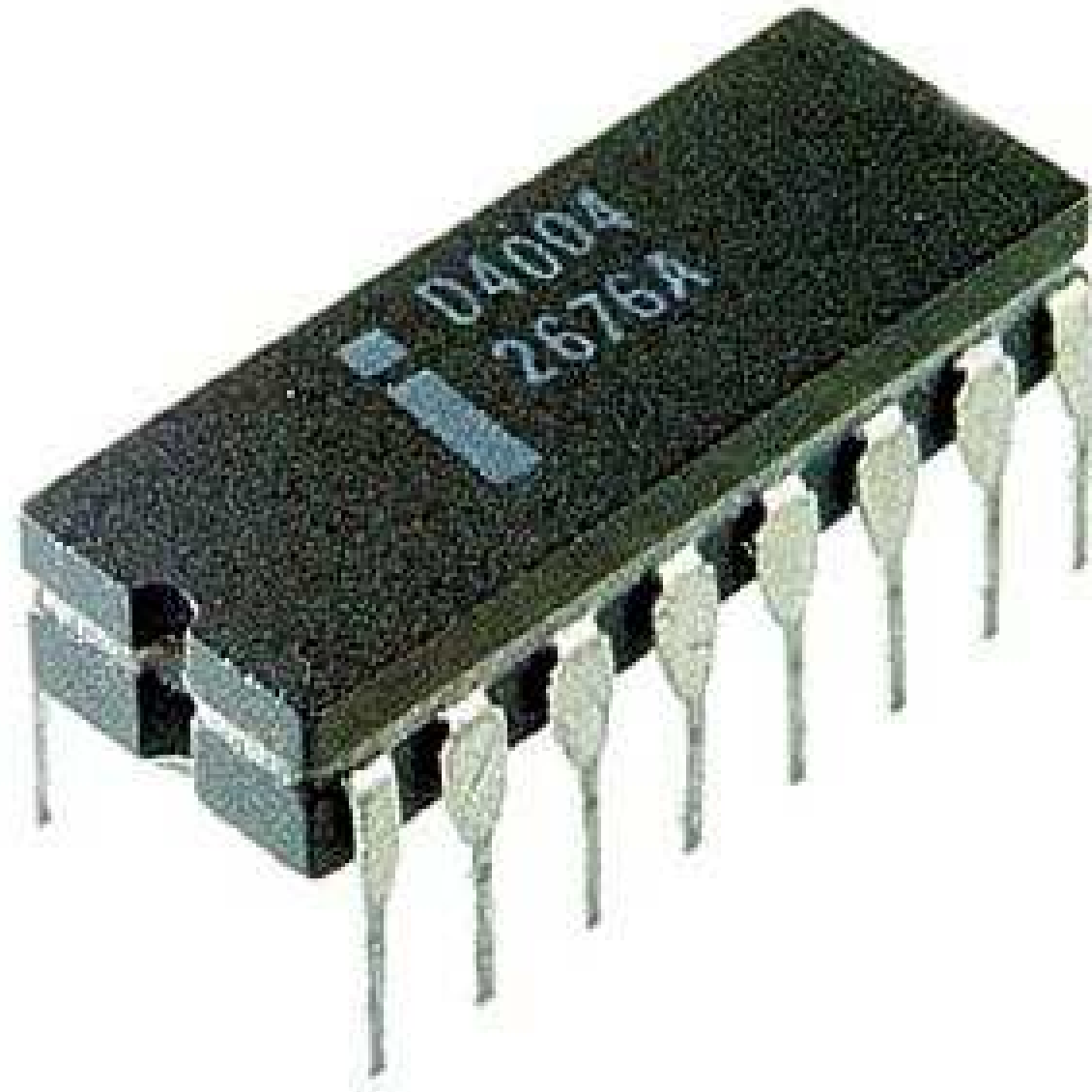
The ENIAC Today

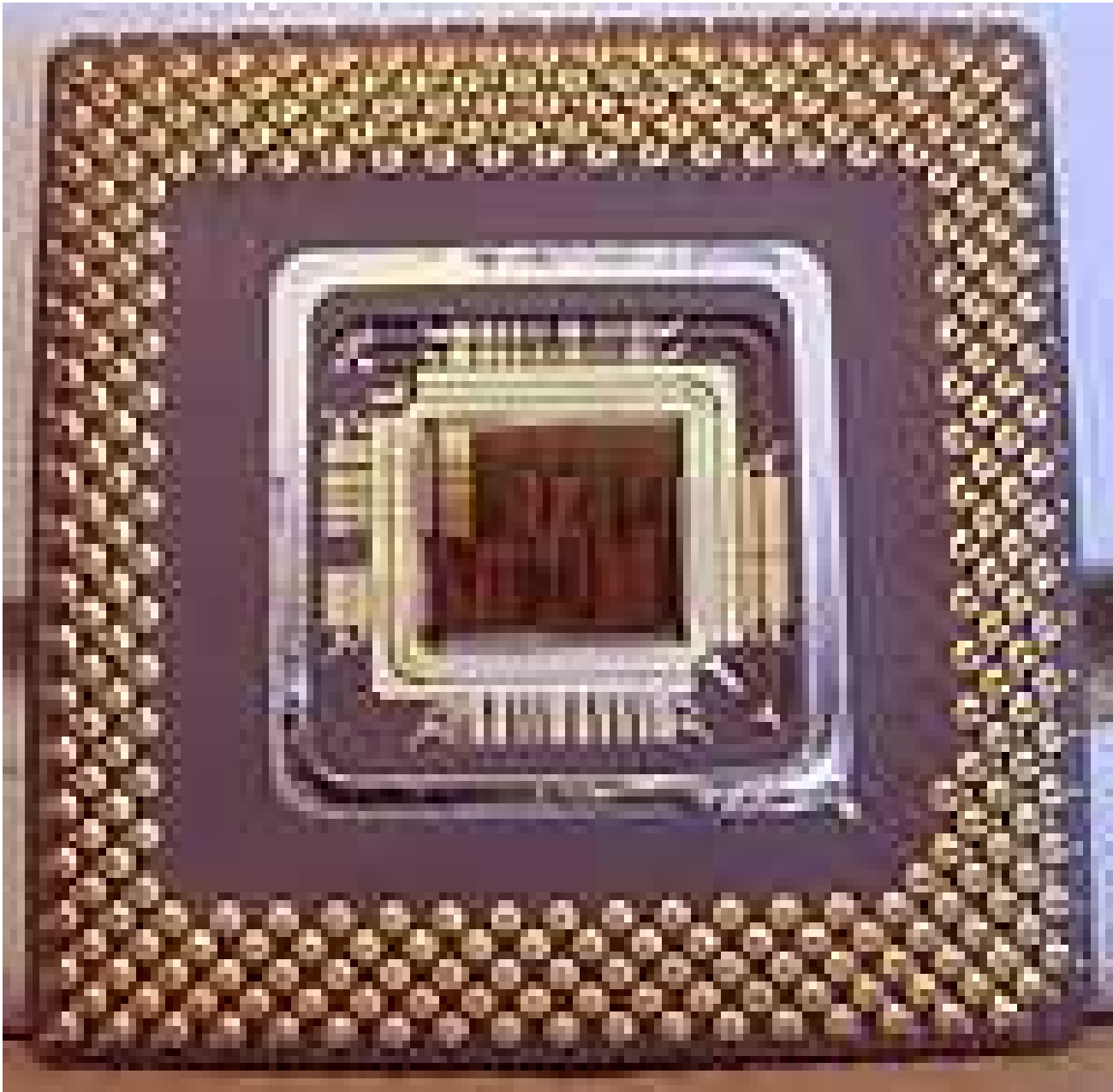


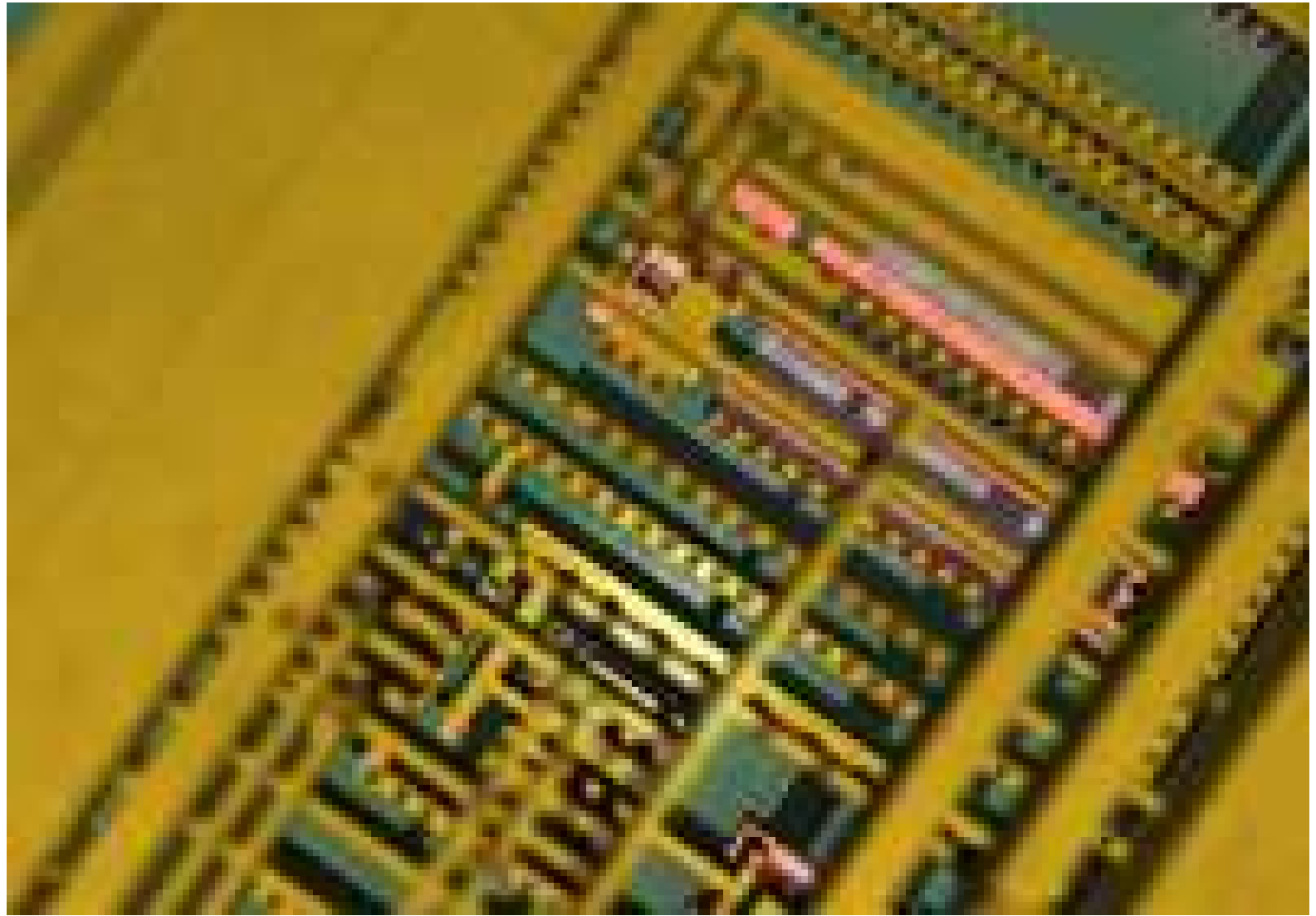


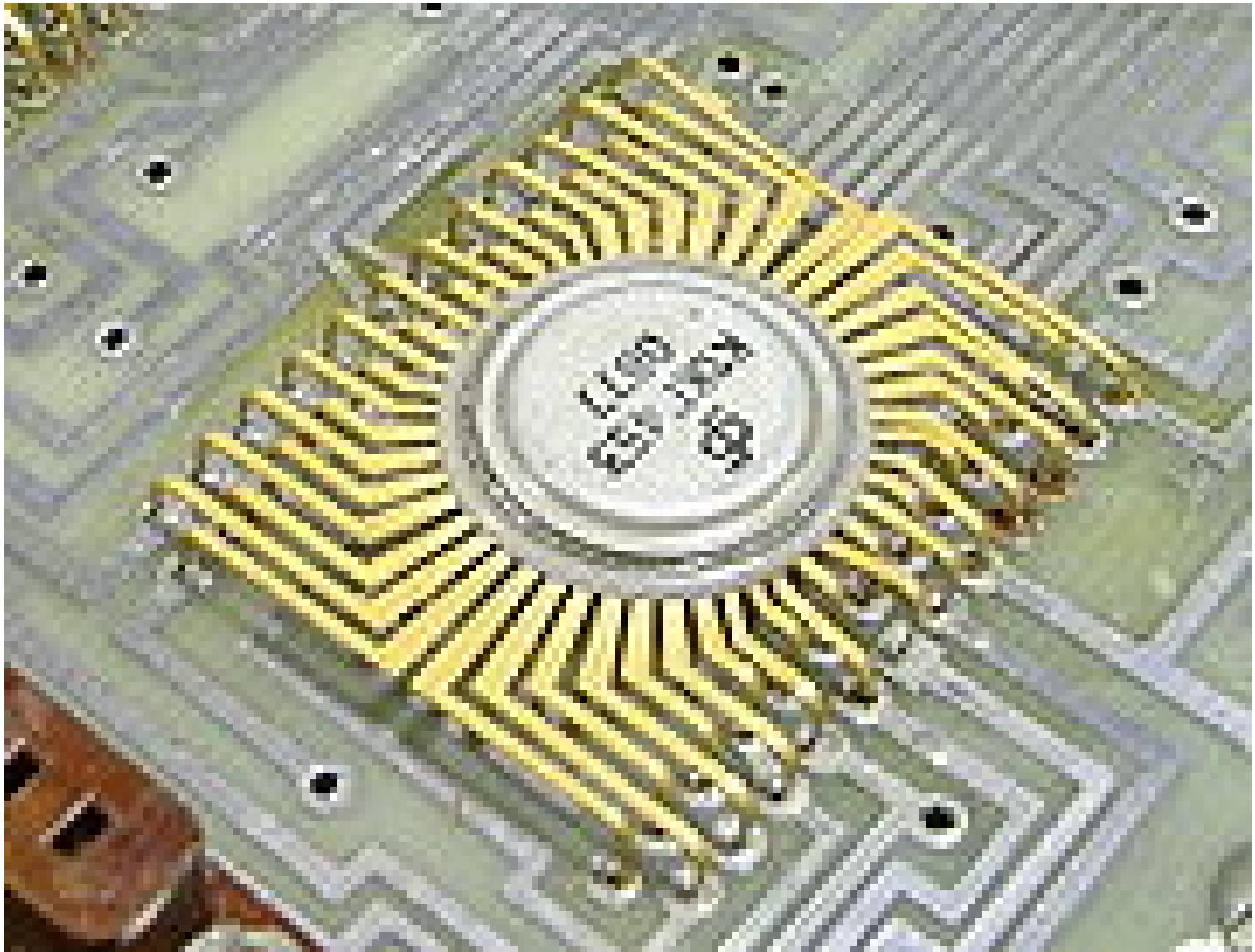








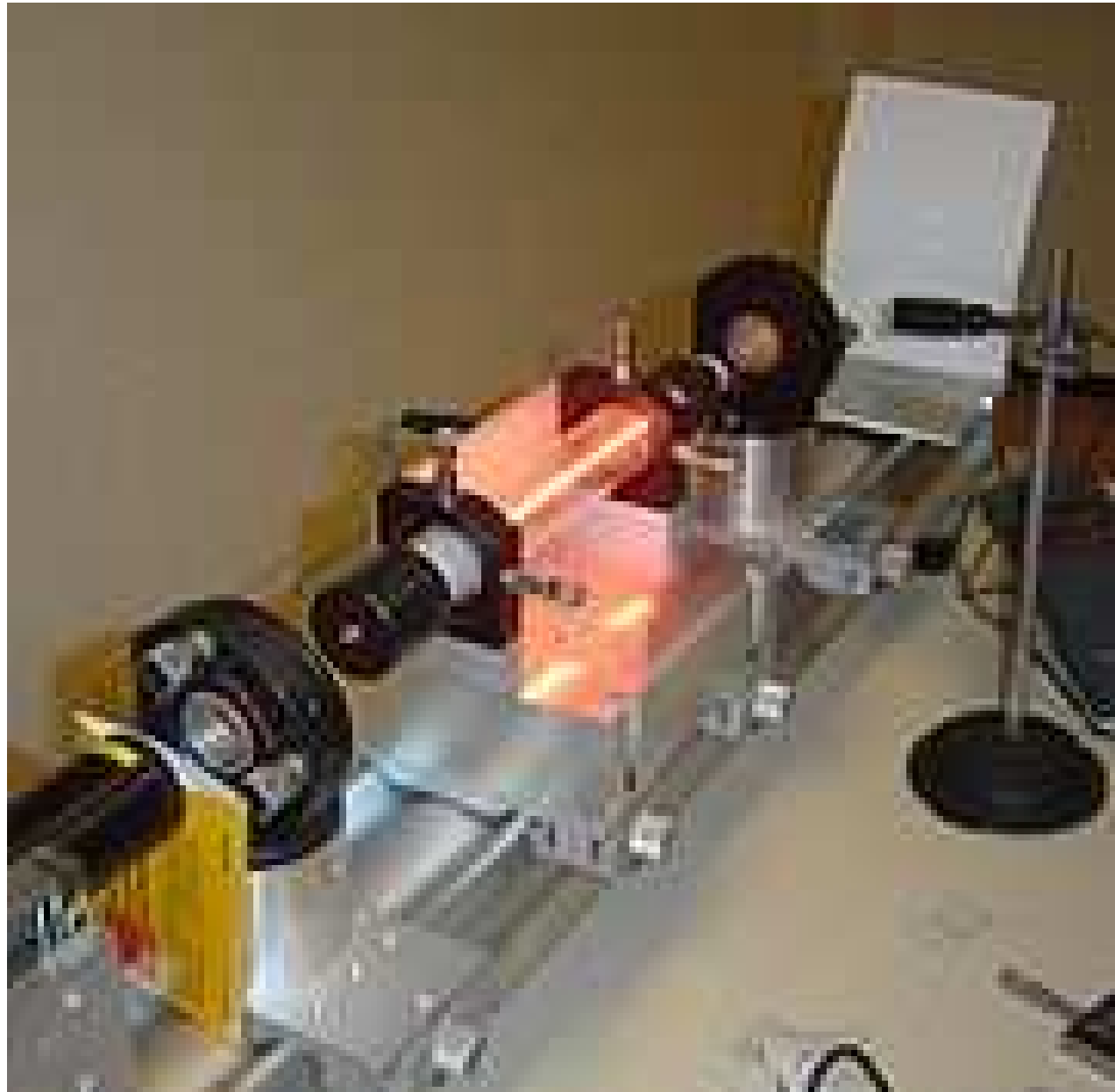


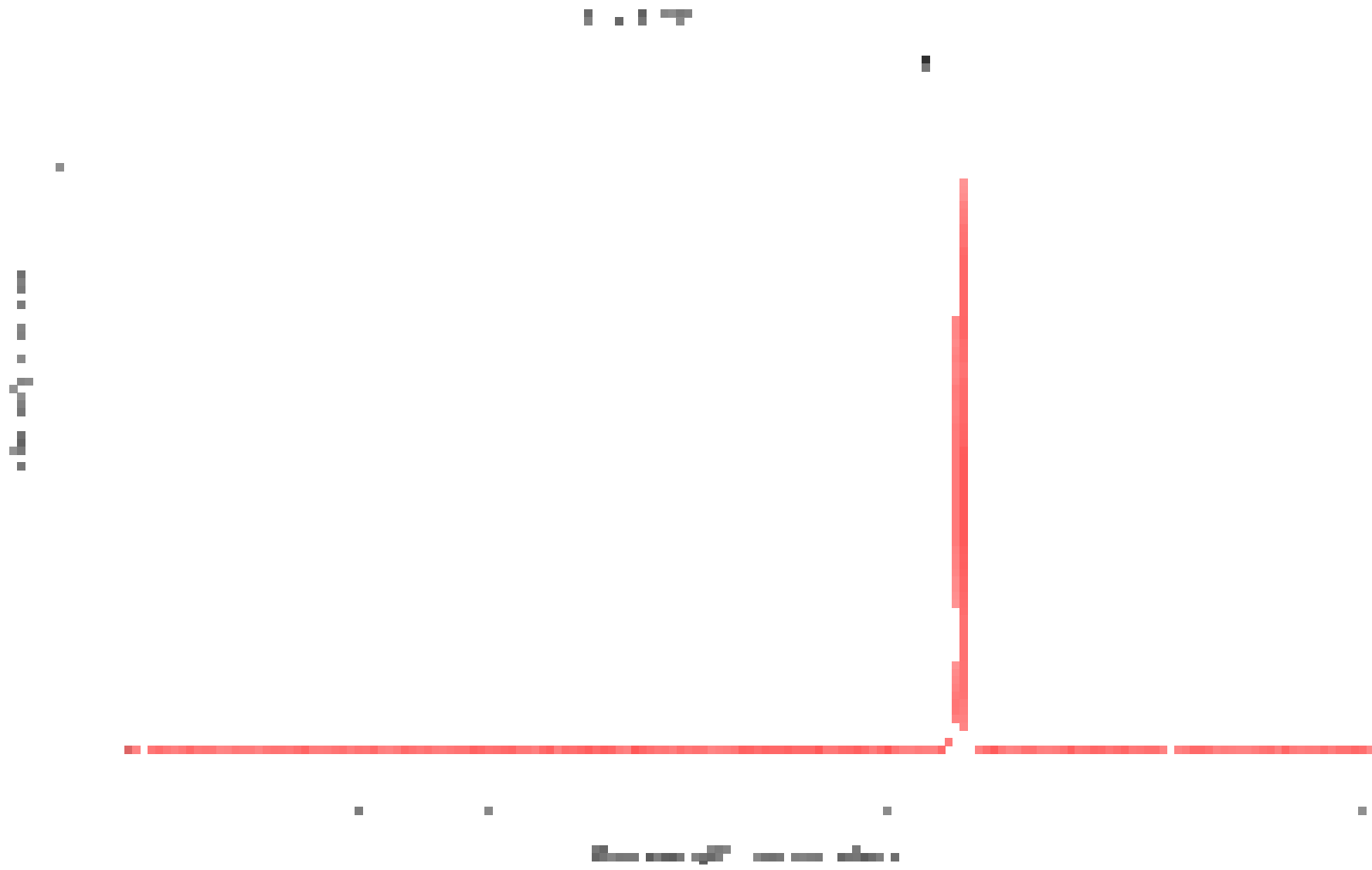


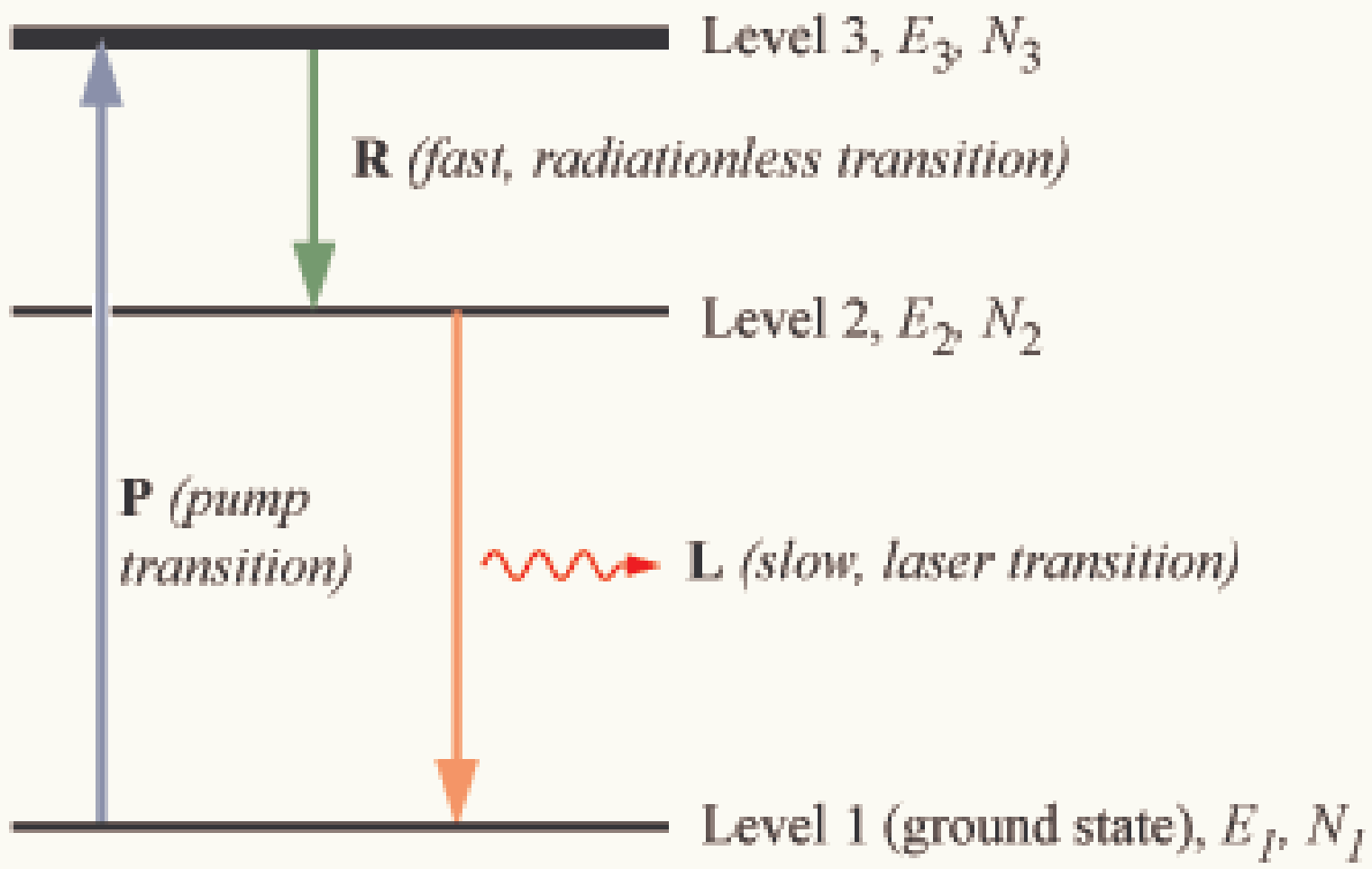


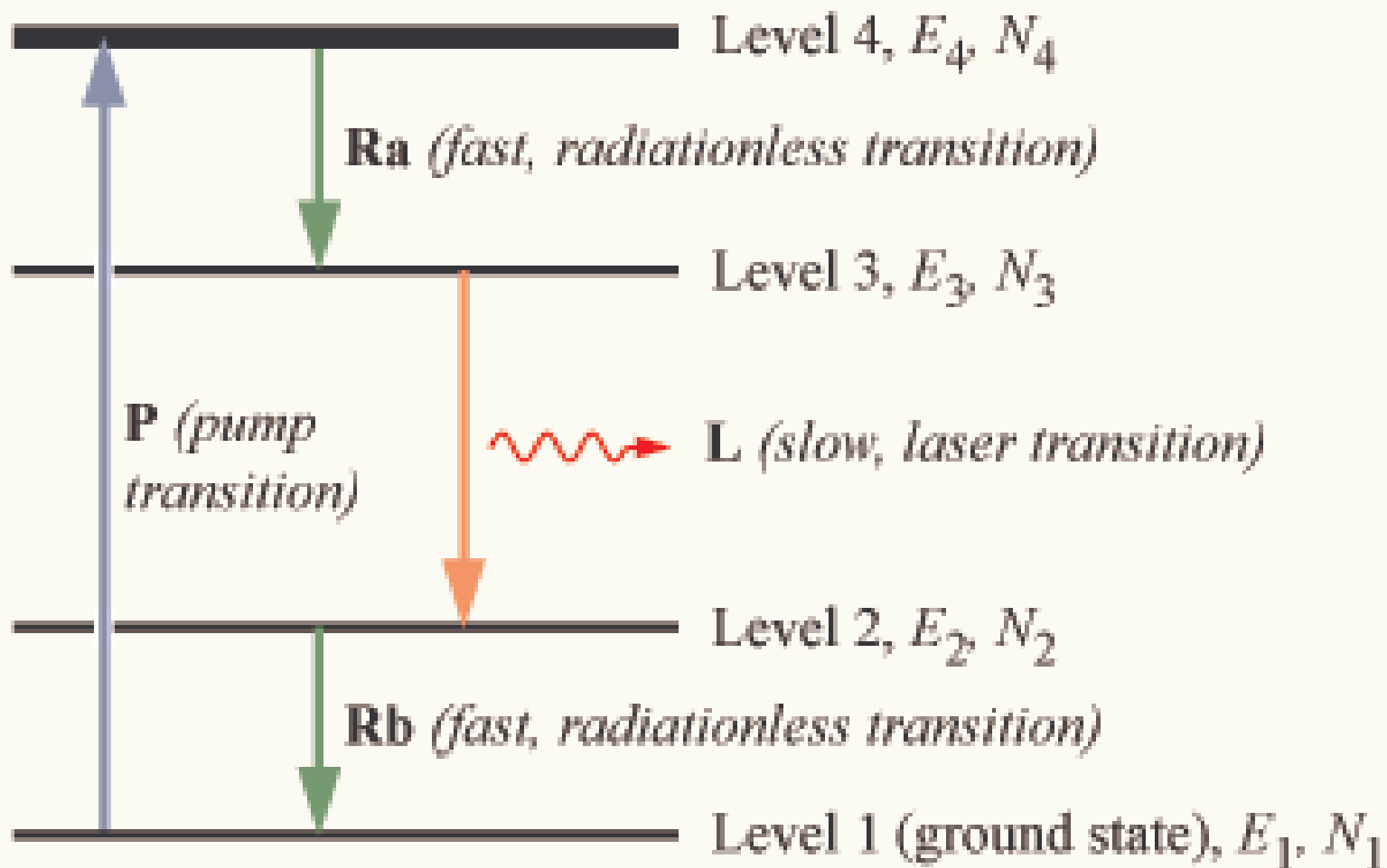


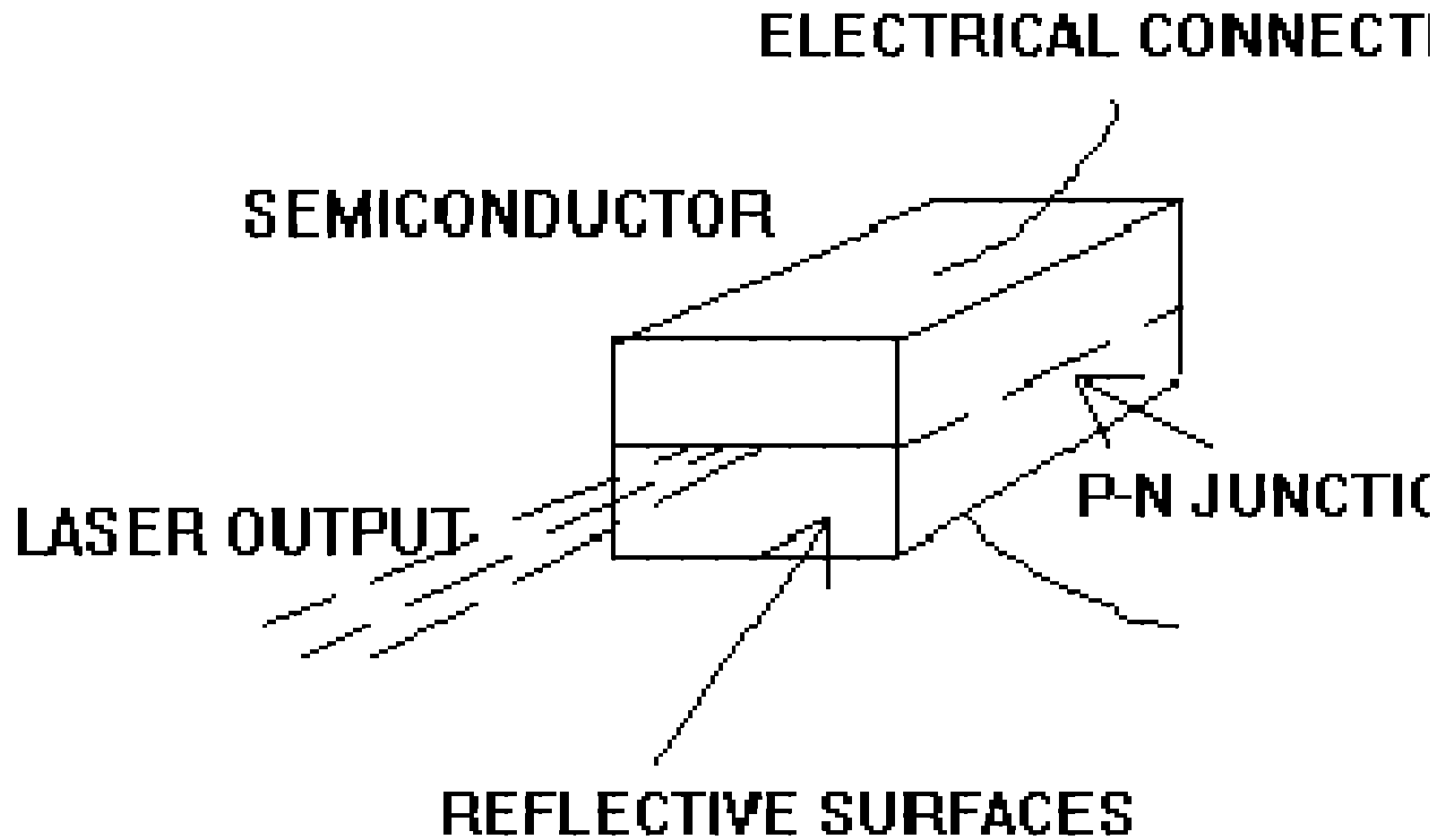


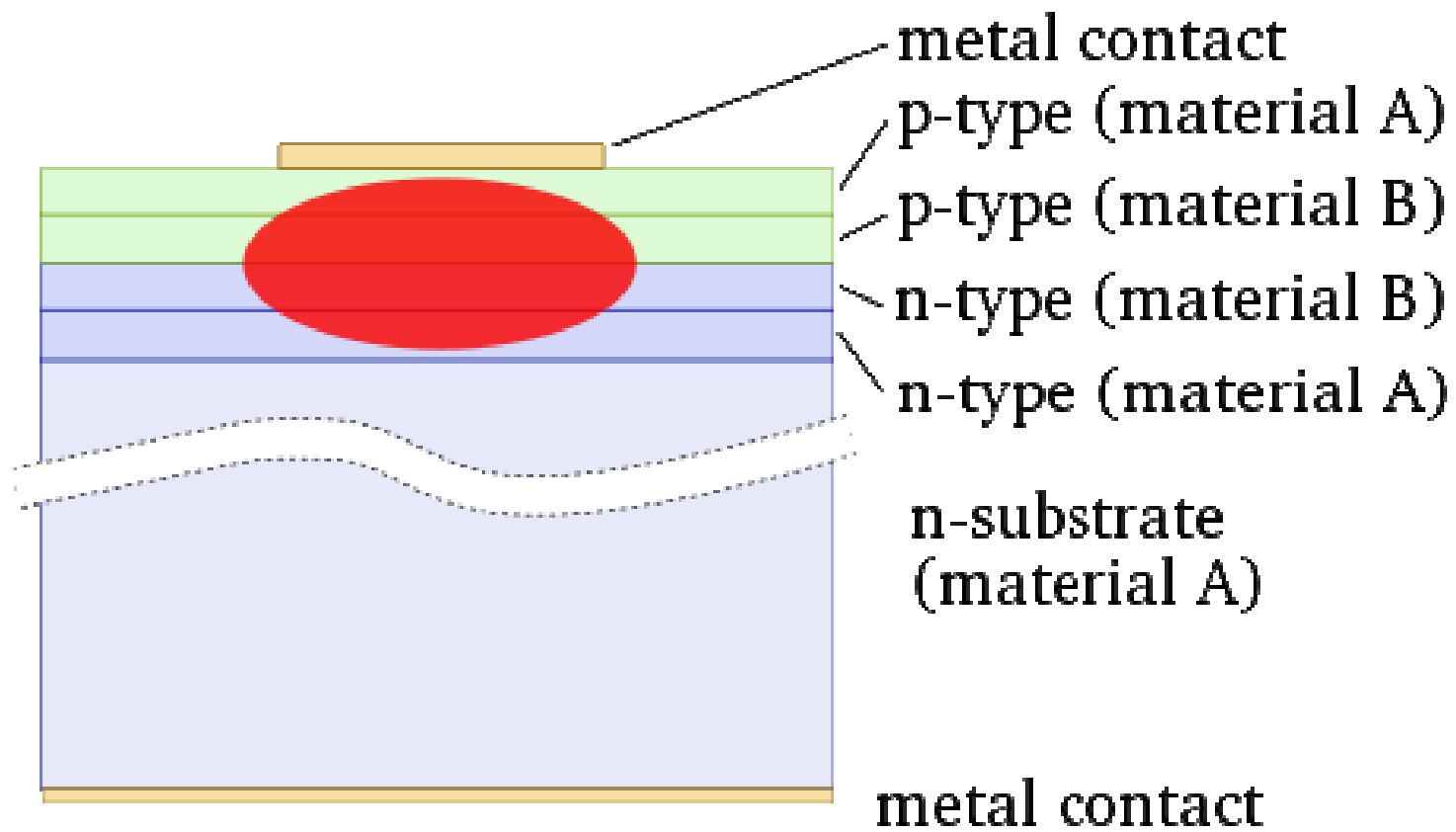


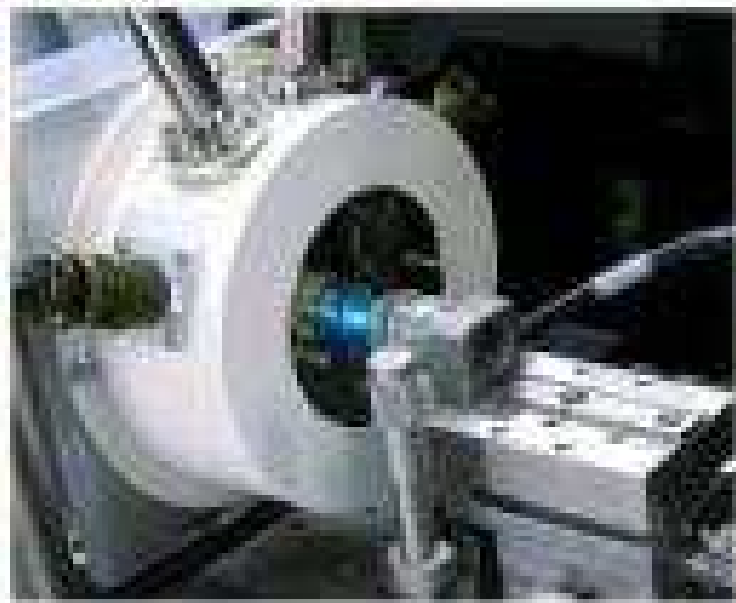










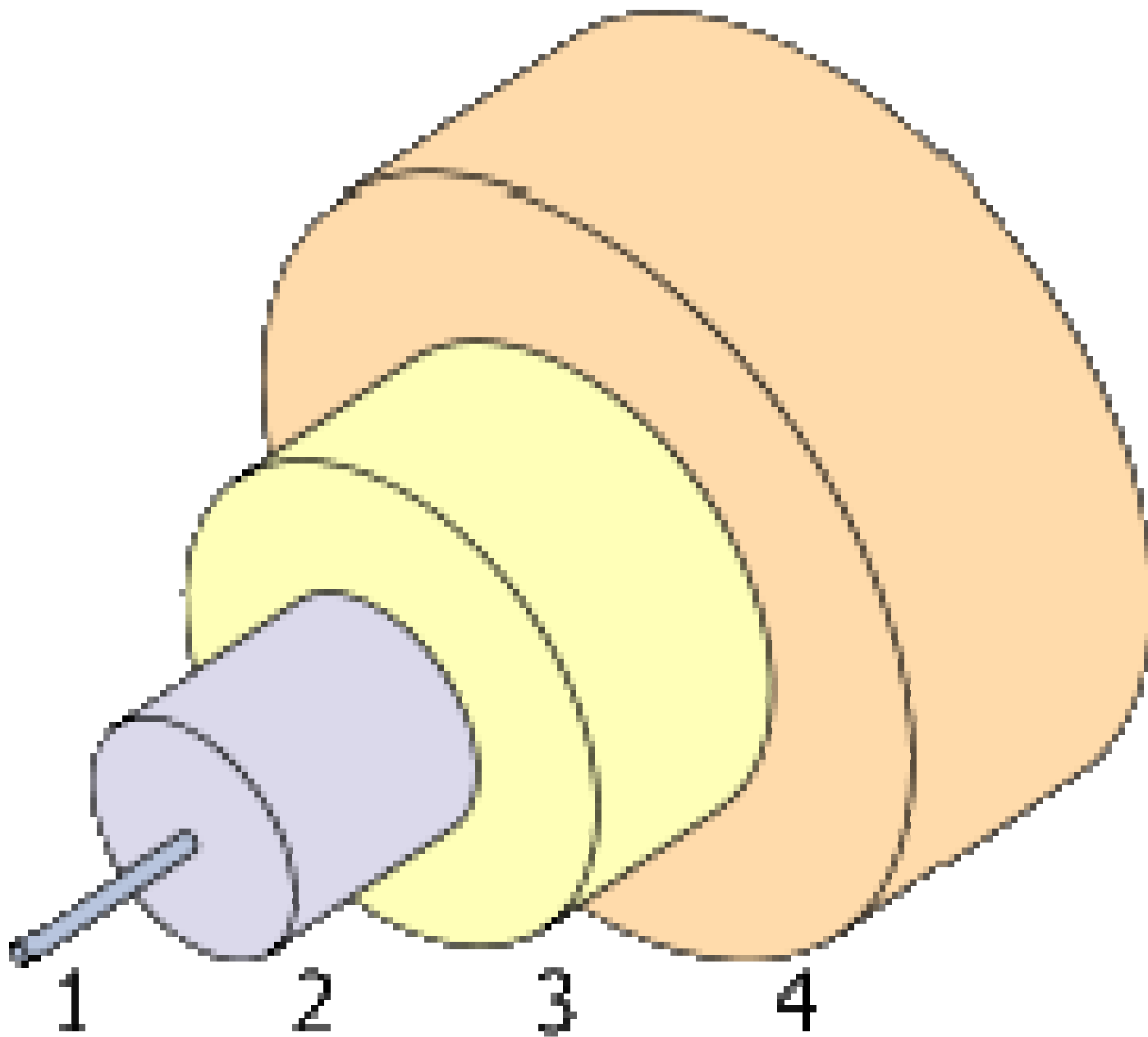




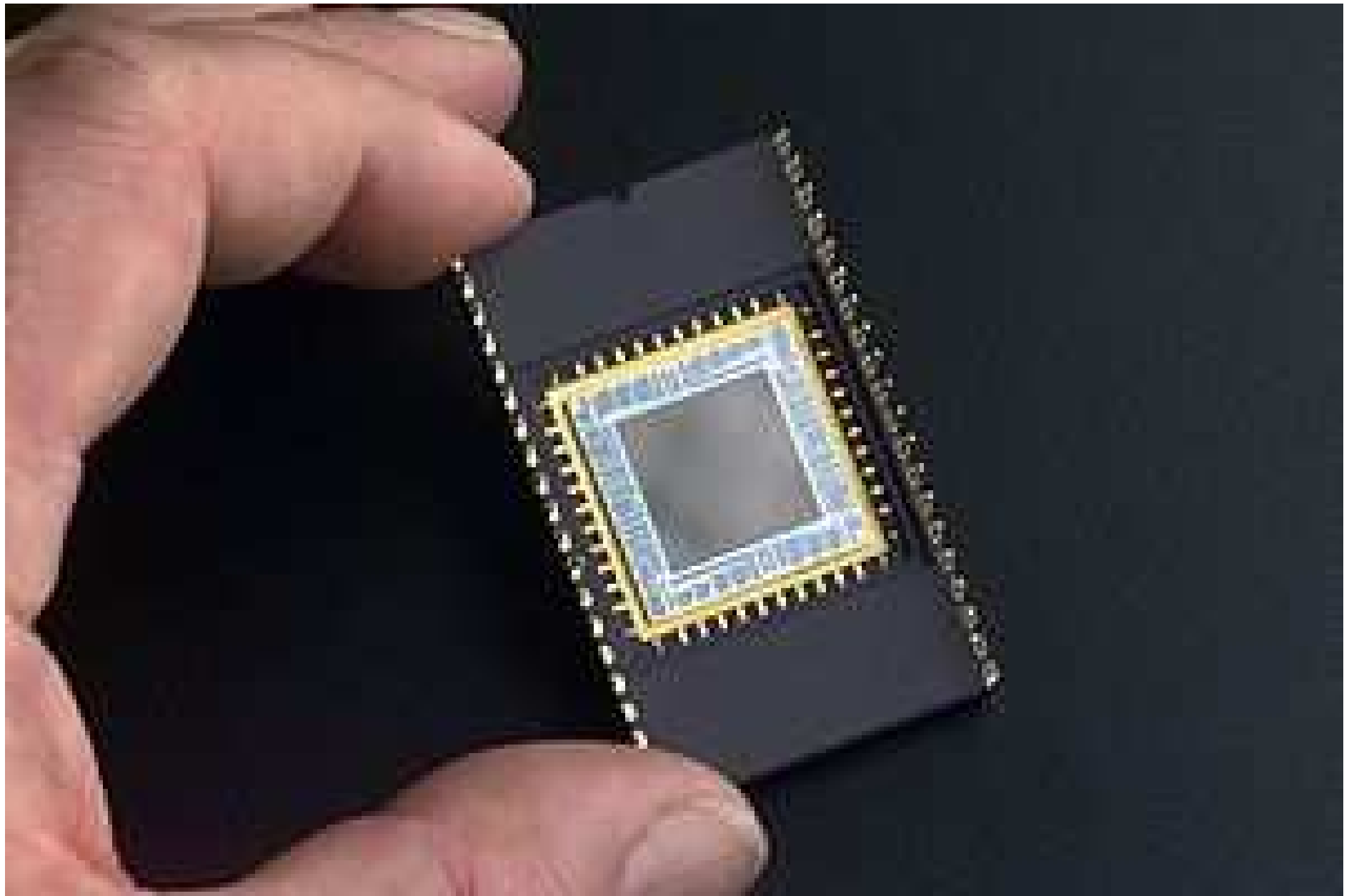


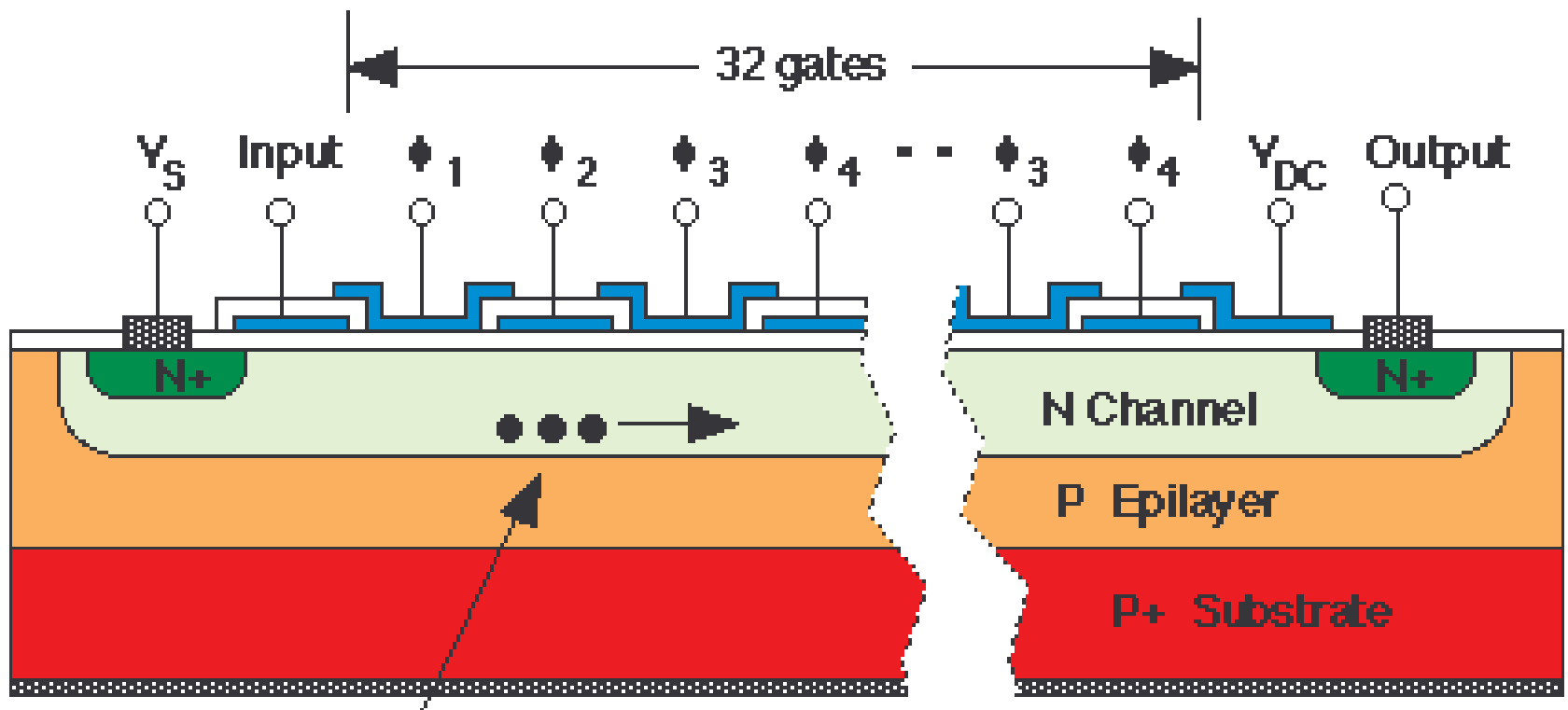




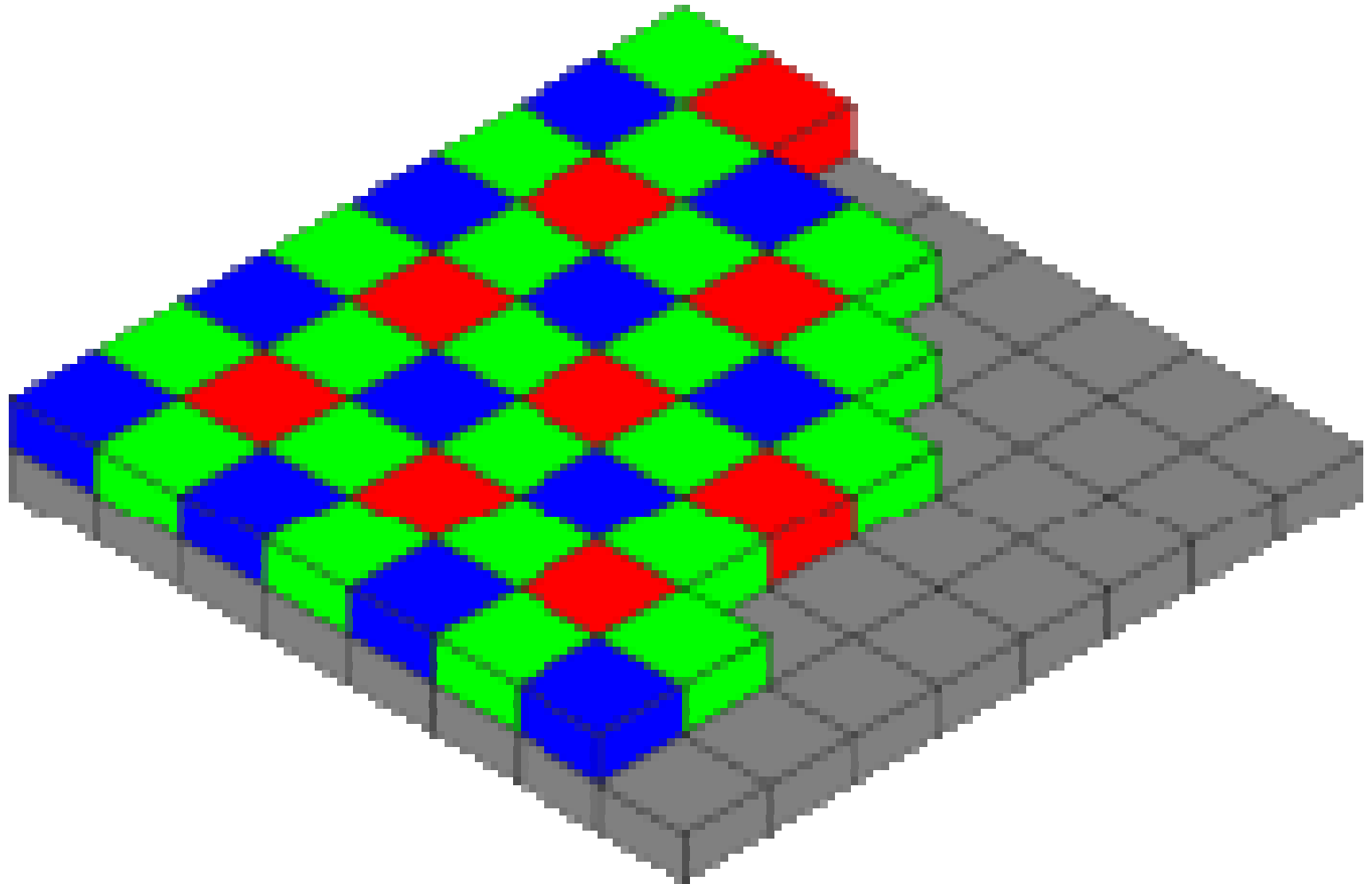








Electron packet





Največji dosežki tehnike v 20. stoletju po ameriški Državni inženirski akademiji

1. elektrifikacija,
2. avtomobil,
3. letalo,
4. preskrba z vodo,
5. elektronika,
6. radio in televizija,
7. poljedeljska mehanizacija,
8. računalniki,
9. telefon,
10. klimatizacija in hlajenje,
11. avtoceste,
12. potovanje v vesolje,
13. internet,
14. slikanje (rentgenska svetloba, radar, sonar, elektronski mikroskop, NMR)
15. gospodinjske naprave,
16. zdravstvena tehnologija,
17. nafta in naftna tehnologija,
18. laser in optična vlakna,
19. jedrska tehnologija,
20. materiali s posebnimi lastnostmi



