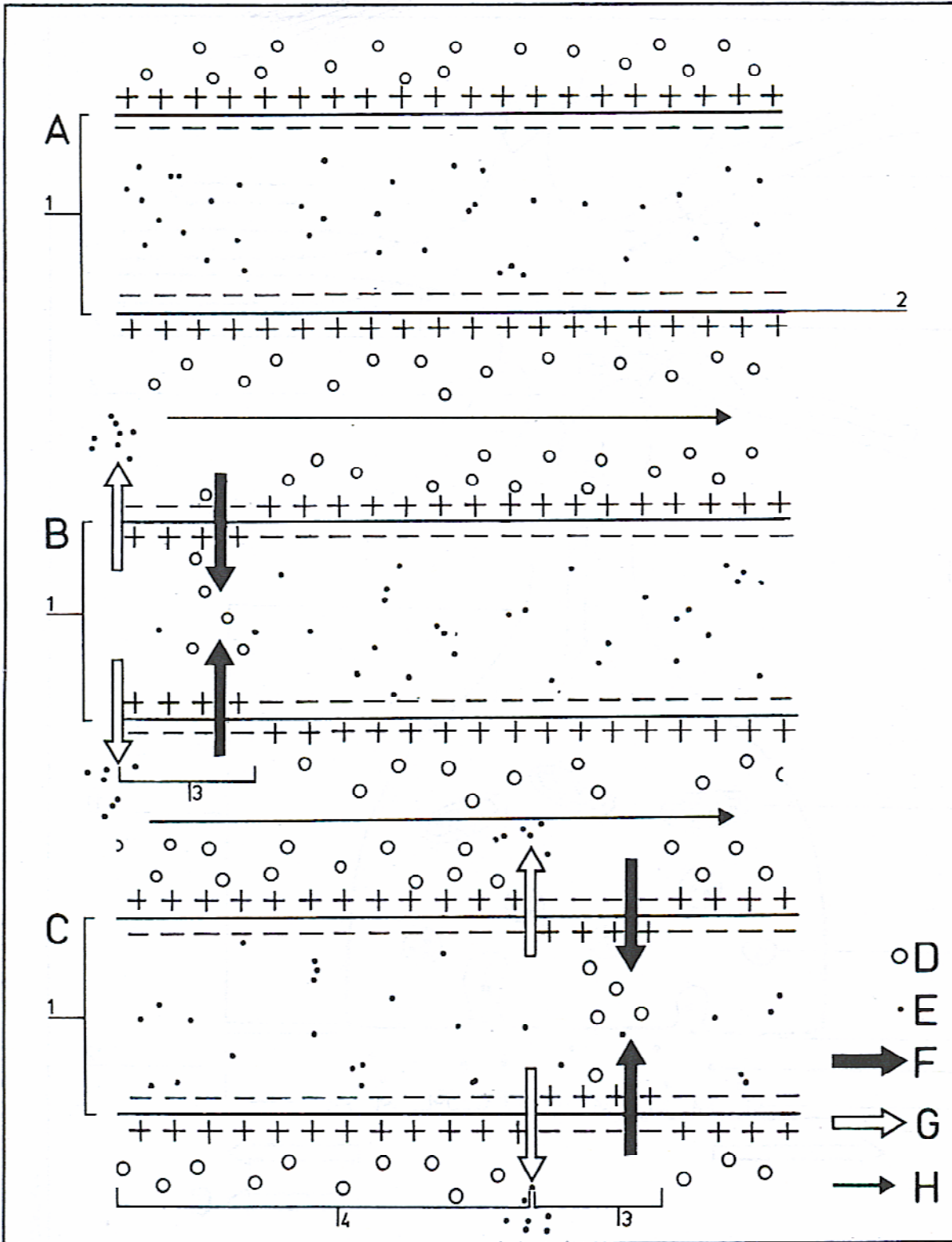


Coordination: nerve impulse



A-C Schematic longitudinal section of nerve fiber to show passage of an impulse along the membrane
A Resting state (inside negative, outside positive)

B Initiation of nerve impulse

C Propagation of impulse

D Sodium ion

E Potassium ion

F Inflow of sodium ions

G Outflow of potassium ions

H Direction of impulse

1 Nerve fiber (neuron)

2 Membrane

3 Area of depolarization

4 Area where charge across membrane has been restored

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