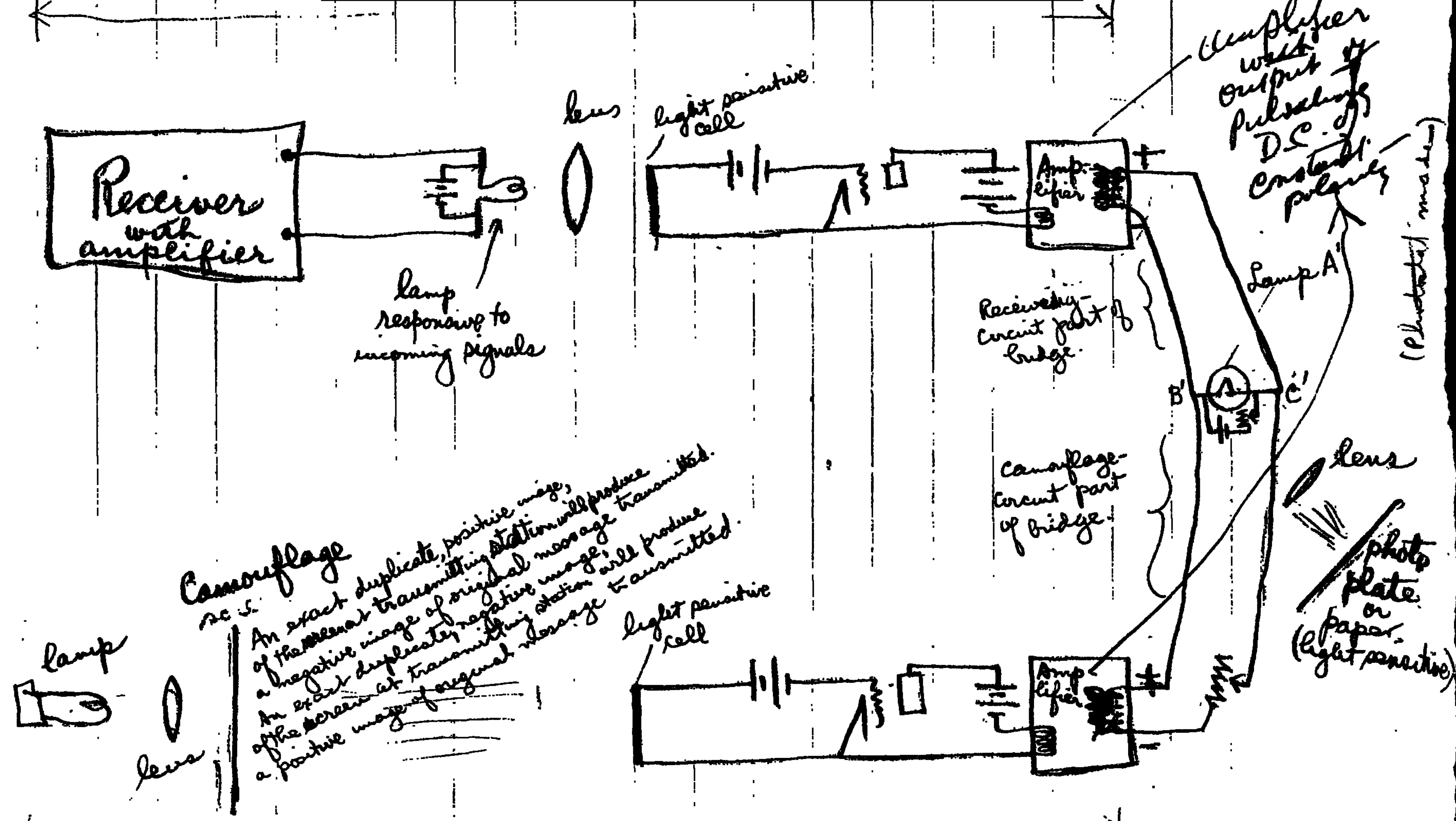

Receiving Station

Operation of Lamp A' according to four cases:

Case 1 { Signal in receiving circuit; No signal in camouflage circuit } Increase in potential through A', across C'–B', in receiving-circuit part of bridge. Increased glow.

Case 2 { No signal in receiving circuit; Signal in camouflage circuit } Increase in potential through A' across B'–C', in camouflage-circuit part of bridge. Increased glow.

Case 3 { Signal in receiving circuit; Signal in camouflage circuit } Equal and opposite potentials established through lamp A'. No effect on glow.

Case 4 { No signal in receiving circuit; No signal in camouflage circuit } No effect on lamp A'.

William F. Friedman
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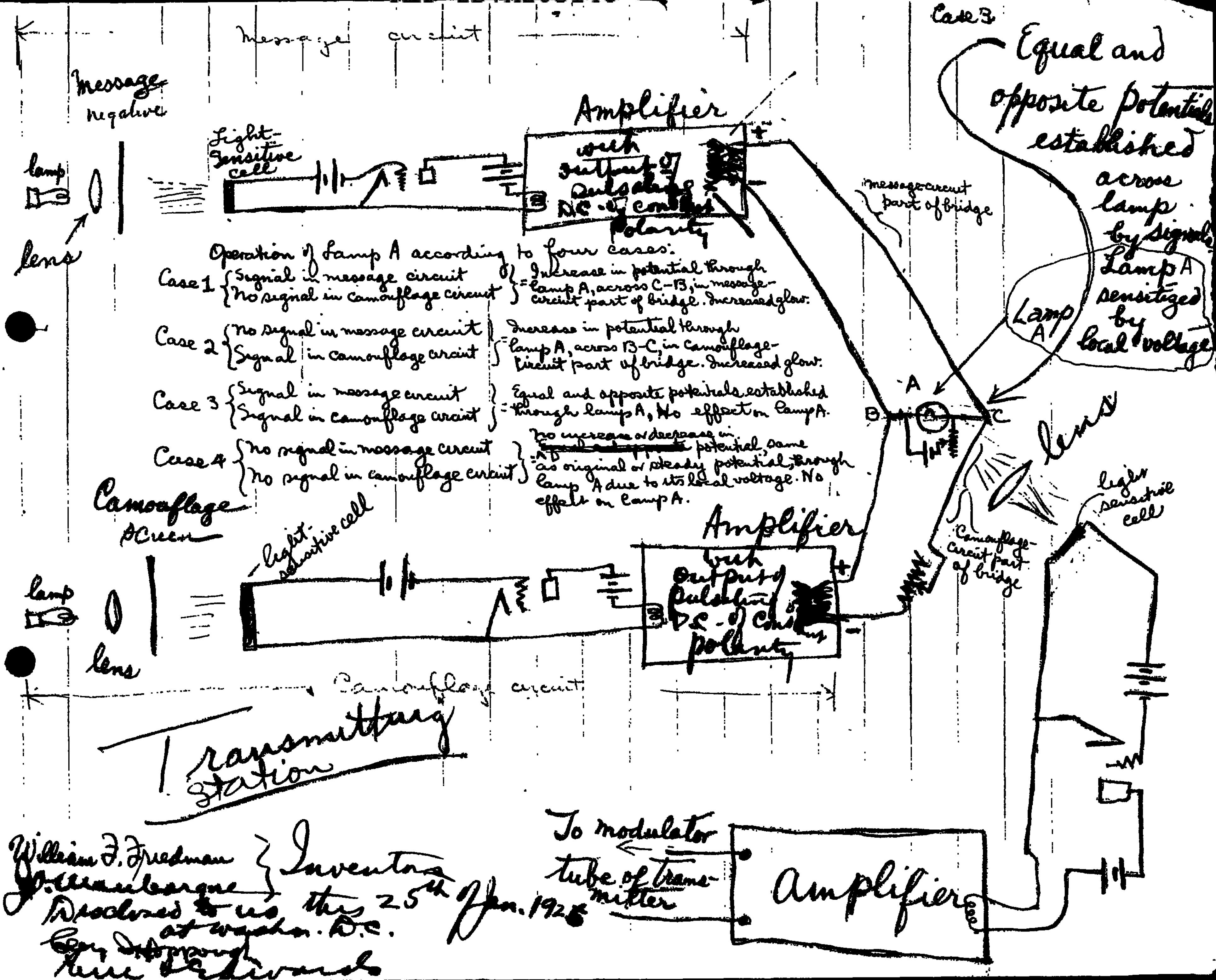
Disclosed to us this 25th of Jan 1926 at Washn. D.C.

Geo. [illegible]
Paul S. Edwards



Operation of Lamp A according to four cases:

Case 1 {Signal in message circuit / No signal in camouflage circuit} = Increase in potential through lamp A, across C–B, in message-circuit part of bridge. Increased glow.

Case 2 {No signal in message circuit / Signal in camouflage circuit} = Increase in potential through lamp A, across B–C, in camouflage-circuit part of bridge. Increased glow.

Case 3 {Signal in message circuit / Signal in camouflage circuit} = Equal and opposite potentials established through lamp A, No effect on lamp A.

Case 4 {No signal in message circuit / No signal in camouflage circuit} = No increase or decrease in ~~[illegible]~~ potential, same as original or steady potential, through lamp A due to its local voltage. No effect on lamp A.

Transmitting Station

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