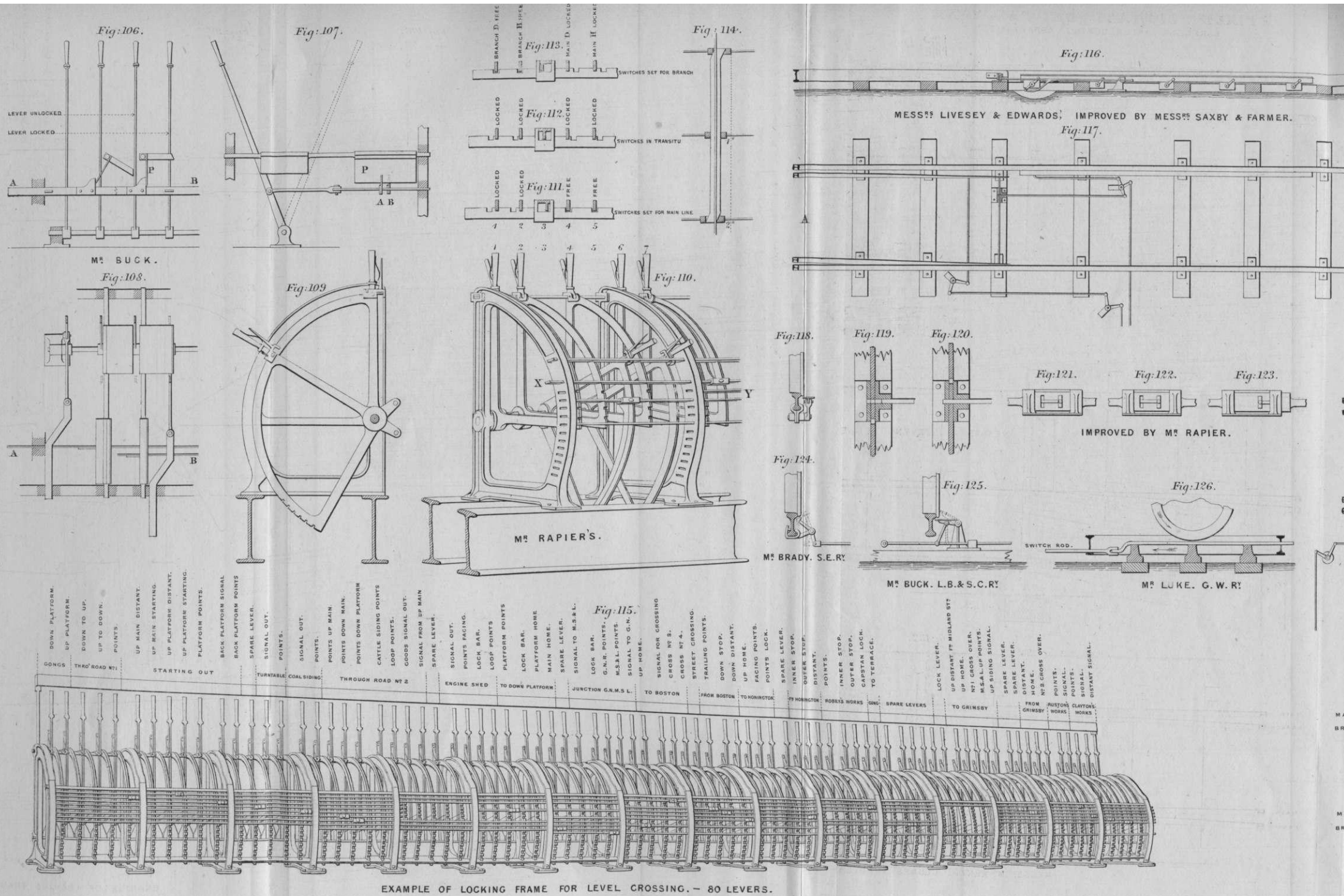
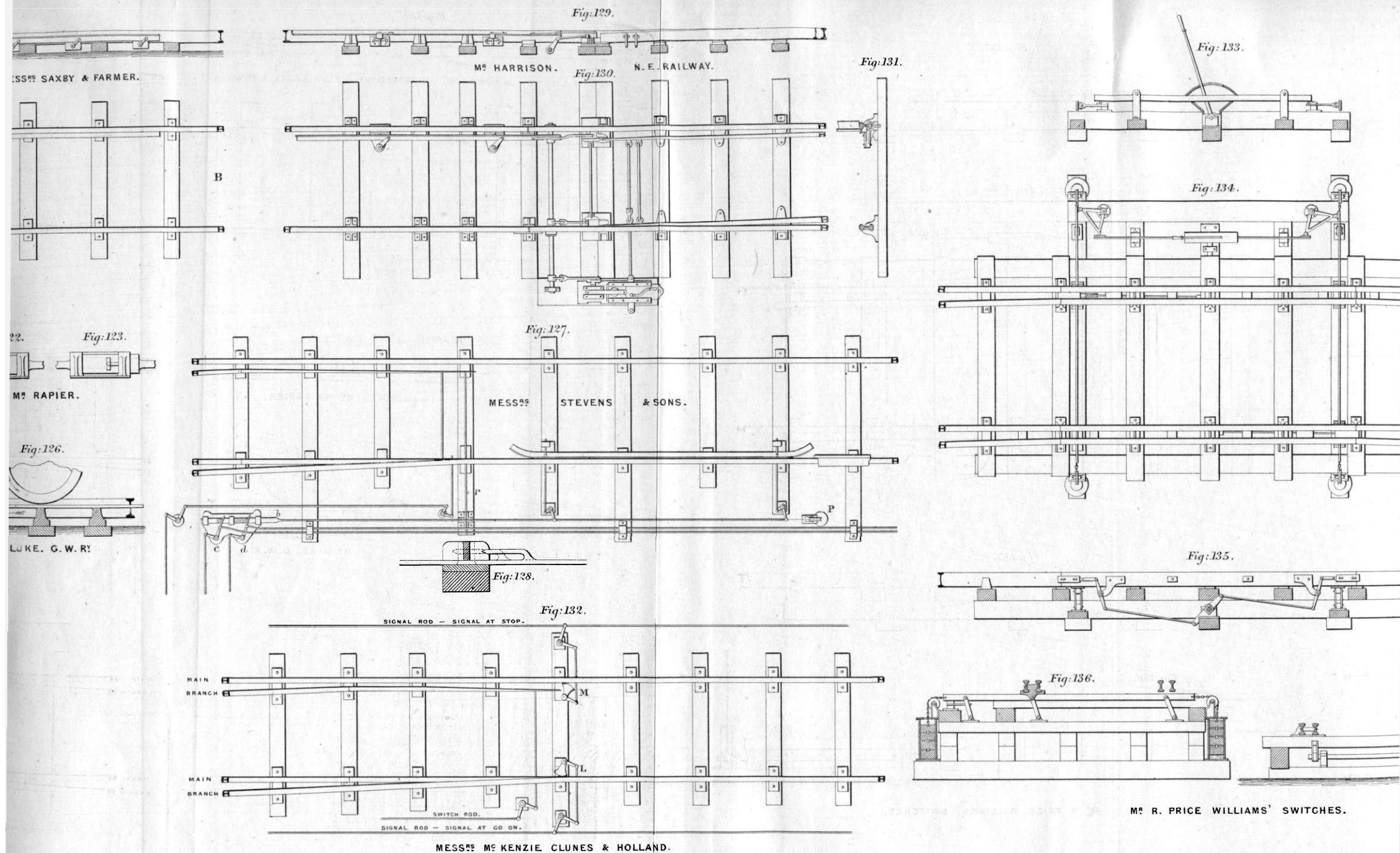


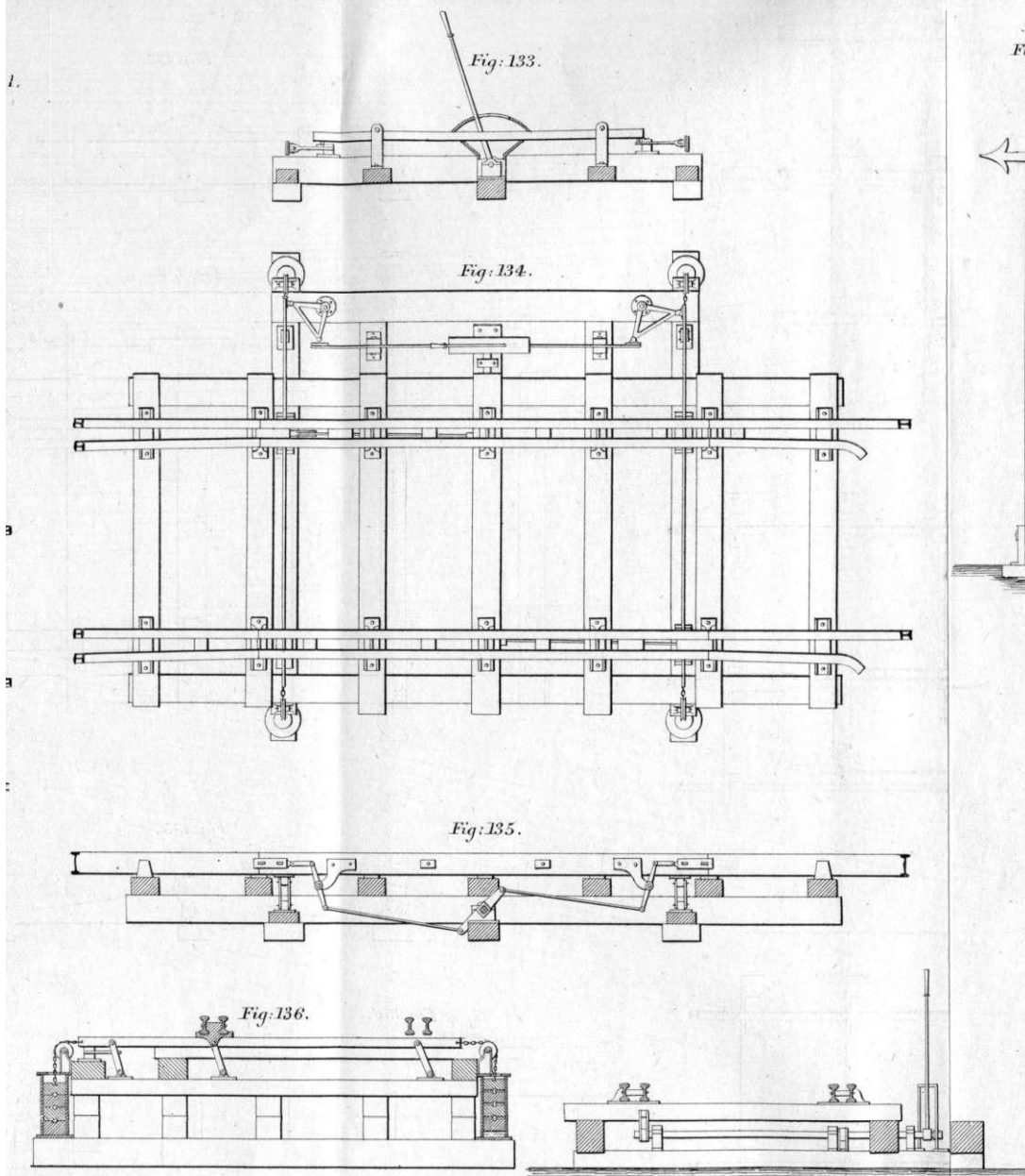


RICH^d C. RAPIER, DEL^t

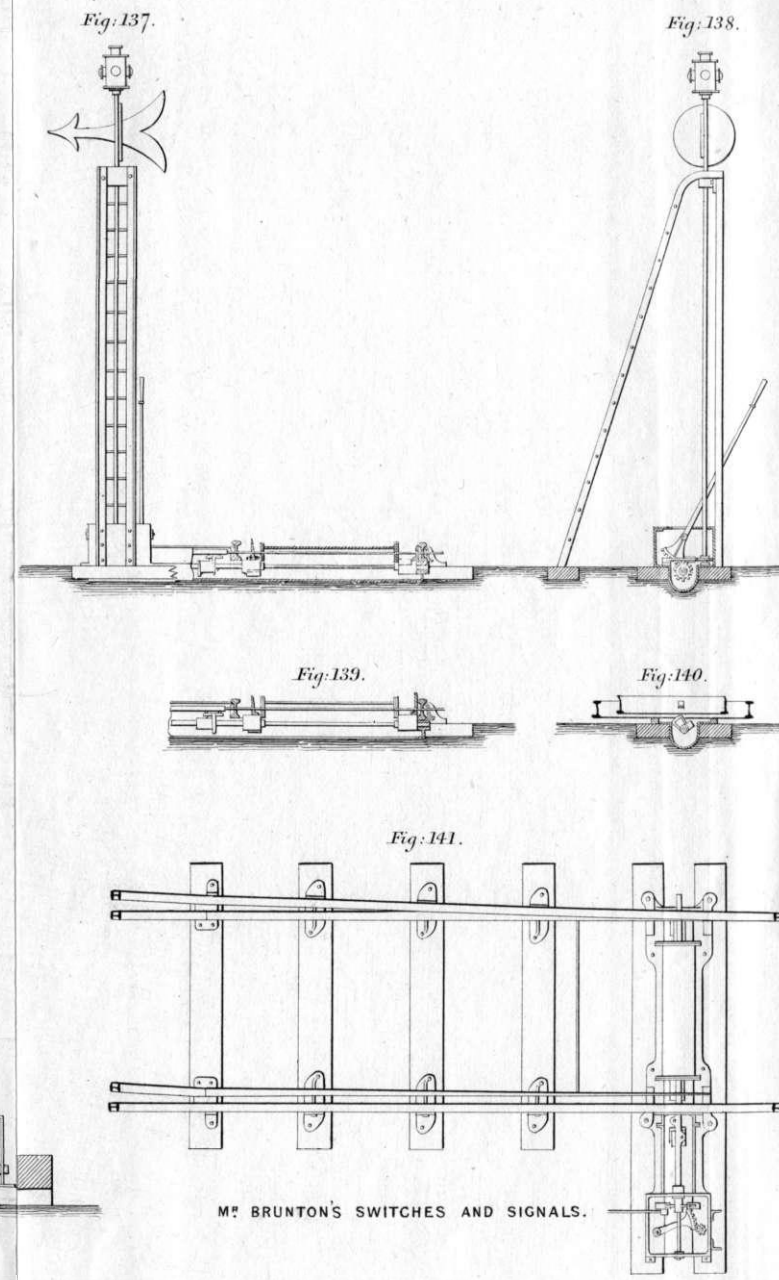
Minutes of P

FIXED SIGNALS ON RAILWAYS.
RECENT INTERLOCKING APPARATUS.





MR. R. PRICE WILLIAMS' SWITCHES.



MR. BRUNTON'S SWITCHES AND SIGNALS.