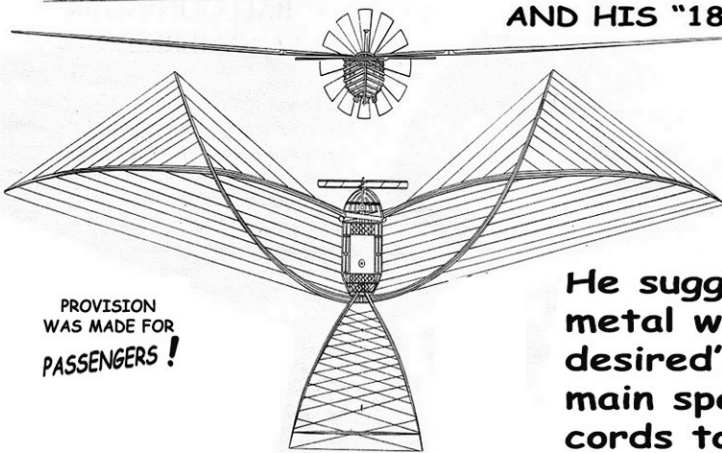


FELIX DuTEMPLE'
AND HIS "1874 POWERED HOP"



Along with the patent drawing, DuTemple (1823-1890) included specifications for his mid 19th century monoplane that holds clues as to his genius.

He suggested that it be built of wood or tubular metal with the nacelle being covered or not "as desired". The wings consisted of two cross-over main spars braced in position by a network of cords to which the fabric was attached.



PROVISION
WAS MADE FOR
PASSENGERS!

The monoplane was controlled by a steering wheel, rudder bar, and cables. The three wheeled landing gear was fitted with shock absorbers and was designed to be retractable in flight. It had a span of 55 feet 9 inches and had a 13 foot propeller. Later, DuTemple built a wing with a span of 98 foot 5 inches!