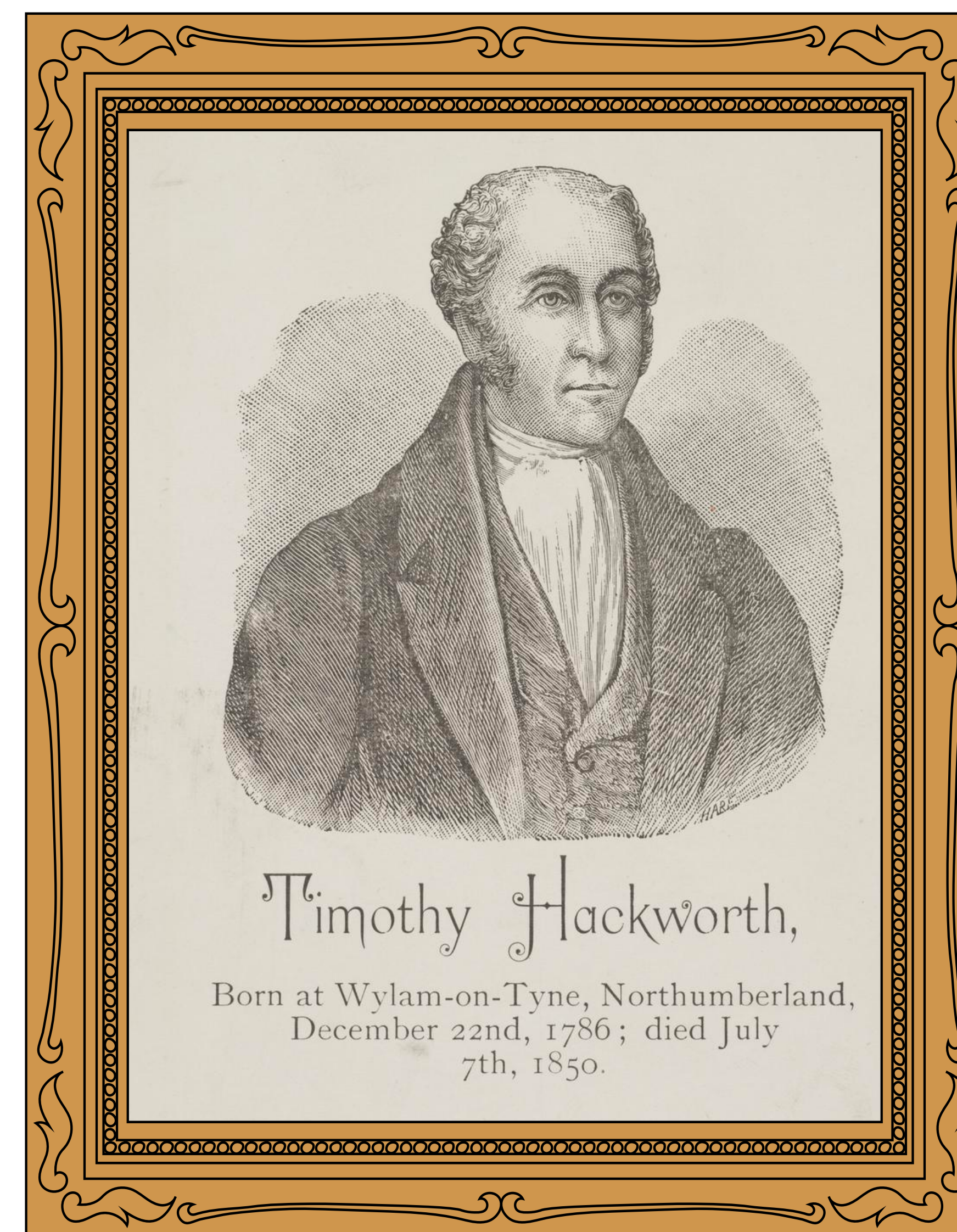


Resource Pack

Timothy Hackworth





TIMOTHY BLACKWORTH,
Manufacturer of

LOCOMOTIVE, MARINE, HIGH PRESSURE,
AND OTHER STEAM ENGINES, MILLS, &c.

On the most approved Plans.
New Shildon, NEAR W. Auckland.
DURHAM.





MS 1638
Newcastle May 3. 1825

Dear Timothy
Will you have the goodness to send me an account how the new Engine pleases you: and whether we can make any improvements in the one which we are now finishing; and which is in all respects at present the same as the last.

How do the craft pistons answer? ~~It is~~ How many miles in a week would this new Engine travel; if it were kept constantly moving, and waggons ready to hang on at both ends of the line; so that the Engine should not have to stand at any part; except while taking in water.

Could such an experiment be made; without inconveniencing the Company & Trade; it would be very desirable to be done: as it would shew to the Public the correctness of my former statements.

The other Engine will be sent off next week. You will excuse me coming over till that time.

Do you ^{think} the Rope would lay better on the Roll at Donipetton if the moving pulley was shifted 20 feet nearer the Bank-top. This could be easily done, by putting the sheave into the end of a piece of Timber 25 feet long, with its fulcrum in the middle and the other end pressed by the Rack. Think on this by the time I come over.

If the Roll should be put across the Road; the Railway would be too low several feet. - I hope to hear from you in the course of a day or two - I am dear Sir Yours truly
Geo. Stephenson

turn over

