

in 1739, and served in the British Army, during the Revolutionary War. He was one of the first settlers at Parrsboro'. He enjoyed a sense of the favour of God for some years before his death, and died in joyous prospect of future glory.

At Guysborough, October 13th, in the 77th year of his age, John Newton, Esq. second son of the late Honorable Henry Newton, late of Halifax, and formerly Collector of that place.

At Sable River, Shelburne county, on the 17th inst. of putrid sore throat, Thomas, only of Hugh and Elizabeth Houston, aged 8 years, 4 months and 12 days.

Sunday morning, Mr John Lovett, in the 56th year of his age.

At Rawdon, on 13th inst. Mr. John Withrow, aged 82 years.

On Wednesday, after a lingering and painful illness, Eleanor, widow of the late Thomas Delhanty.

From last Times.

SCIENCE.

IMPORTANT.—Among the great desiderata of the present hour, there is nothing, perhaps, to which the attention of Science is more indefatigably given, than to that important one with reference to Steam Power, and what emphatically we would call the "Grand climax of this Agent"—to wit—"the greatest power with the least feed or fuel." We have been particularly induced to these remarks by an interesting fact of which we have just been informed, ---that a gentleman and fellow townsman of this our little metropolis, in the early part of last winter, had the honor of submitting a proposal to the Patent Office, in London, for the above object, which was highly approved of by the talented heads of that institution, and by them looked upon as by far the most feasible of any suggestion submitted for their consideration from any quarter. But we are sorry to say that difficulties were immediately thrown in the way of a Patent right, upon the ground that inventions are not transferable, but must remain "in silentio," until secured by patent to the inventor only—therefore, as in the case in question, the inventor, Dr. F. W. Morris, had not acted in accordance with this principle, but under a mistaken idea having communicated his secret to another, this individual could not become a Patentee for a discovery not his own, whilst at the same time the Dr. it would seem, must forego his right.

EXPLANATION.—The remarkable difference observable in the radiating and reflecting, as well as absorbing powers of different bodies and surfaces, with respect to Caloric, induced Dr. M. to suppose that by arresting the vast quantity of this matter that now radiates from the entire surface of the Steam Boiler, by opposing to it a contiguous bright and reflecting surface, placed every where around the boiler at the distance of a few inches, or in other words—a range of parallel reflecting mirrors, with surfaces elevated upon Catoptric principles at proper incident angles—that in this way all the radiant heat, or at least the greater part of it that is now lost by the present arrangement, would then be returned upon the boiler, and be reabsorbed, whilst the check thus extensively put upon such an immense escape of Caloric from the surface of the boiler, would enable the water within this vessel to retain its full temperature, and also attain that temperature with an infinitely smaller supply of fuel in the furnace than has hitherto been found sufficient for that purpose, although the exact ratio of this diminution could not be ascertained but by direct experiment upon a scale of ample magnitude. The method of surrounding the Boilers, we understand, would be by frame work of iron, or other material, and not unlike hotbed sashes, each pane of which would be a mirror, and each mirror on its

outer surface either inlaid with or protected by some non-conducting composition—the whole forming an outer casing to the boiler, and communicating with the furnaces by induction and eduction valves, so as to compensate for the alternate expansion and condensation of atmosphere, that must necessarily take place in the intervening space of the boiler and the outer casing, as the fire is elevated or depressed. It is Doctor Morris's opinion also, although he does not consider it of the first importance in the present improved material of British engines,—that this outer case, if made of sufficient strength, would be a shield from the inner boiler in case of explosion, as the steam would instantly be directed by the valves into the flues, and so escape by the chimney, whilst at the same time the increased expansion of power allowed by the outer casing whilst directly weakening the impetus, would the better enable it to sustain the blow.

Halifax, October, 26, 1839. A PEPTICIAN.

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