voice Stephenson ordered the engine man to lower him down the shaft in the corve. There was danger, it might be death, before him-but be must go. As those about the pit-mouth saw him descend rapidly out of sight, and heard from the gloomy depth of the shaft mingled orice of despair and agony rising from the workpeople below, they gazed on the heroto man with breathless amazement. He was soon at the bottom, and in the midst of his workmen, who were paralyzed at the danger which threatened the lives of all in the pit. Leaping from the corve on its touching the ground he called out, 'Stand back! Are there six men among you who have courage enough to follow me? If so, come and we will put the fire out.' Slience succeeded the frantic tumult of the previous minute, and the men followed and set to work. A wall was raised at the entrance to the main, thus the main, thus excluding the atmosphere. The fire was extinguished, the people were saved from death, and the mine was preserved."

After this, Stephenson invented the Geordy Safety Lamp. The name of Sir Humphrey Davy has been generally identified with the invention, but Stephenson had made a success'ul trial of his lamp before Davy's invention was made public.

Many people predicted that some day there there would be a terrible disaster at Killingworth by the blowing up of Stephenson's engines. But they worked on, and be built new ones with improvements such as experience suggested and his lugenulty devised. He was engaged to build the Hetton line of railway, and it was opened in November, 1822. Five of his locomotives were at work on it. This was the first decisive recognition of his engineering skill,

The Stockton and Darlington line, the first public railway, was opened in 1825. Mr. Stephenson himself drove the locomo ive at the opening ceremonies, drawing a train of thirtyeight care at a speed of twelve miles an Then came the Liverpool and bour. Manchester railway, which Mr. Stephenson was engaged to build. This line received opposition almost everywhere. It was fought in parliament, and the hill providing providing for it was withdrawn. During the inquiry a parliamentary committee subjected Stephenson to a rigid crossexamination. One member binted that he was mad; another suggested that he must be a foreigner; and he was subjected to severe rebuffs. The idea of a train going nine or ten miles an bour was regarded as absurd. memner suggested that if a cow shoul get on the track when a train was going at that rate it would be a very awkward circumstance. "Aye, aye, replied Stephenson, in his broa his broad Northumbrian dialect, "very awk-ward indeed, for the coo."

The projectors of the line surveyed a new route, and this time got the bill through parliament. It provided that the road should cross Chat Moss, s deep bog twelve miles square which was thought to have some connection with the buttomless pit. It was said that "no man in his senses would undertake to do it." B t Stepbenson had not known failure. Even when the directors of the road as marked in him as was his possession out of visitors to Mount Vernou, and

grew discouraged, he urged them to persvere. The insatiable bog seemed to swallow all, but after six months of labor the solid enbankment arose above the bog. Stepbenson's vigor and determination had conquered.

The question as to what power would be used on the road was a difficult one to decide. The eminent practical engineers of the country reported against the employment of the locomotive. Stephenson alone stood by it. The directors had confidence in him, and decided to make a test. They offered a prize of £500 for the best tocomotive for the conditions presoribed. One of these was that it should maintain a speed of teu miles per hour. Four locomotives were built, the "Novelty," "Perseverance," "Banspareil" and "Rocket." The latter was built by young R Stephenson, aided by his father. Robert first tures signally failed to meet the requirements. The "Rocket" isted during a trial trip with the trip tone weight in c trial trip with Cars, a speed of twenty-nine miles per hour-three times the speed that one of the judges had declared to be the limit of possibility. The spectators were filled with astonisument, and one of the directors of the road lifted up nis hands and exclaimed, "Now is George Stephenson at last delivered!" This was in 1830, and eight of the Stephenson locomotives were constructed and put on the line.

The practicability of railway locomotion was now established, and lines were projected in every direction. The next live on which St-phenson was engaged was the London and Birmingham railway, which required the construction of the Kilsby tunnel, 2400 yards to length and penetrating 160 feet below the surface. It was successfully accomplished, and was justly regarded as a great engineering triumpb.

The opposition to Stephenson's ideas of railroading did not all disappear with his victory, but he was no longer placed at h the was no longer placed at disadvantage. The "profession" would not recognize him as an engineer, and the Civil Engineers' Institute would not waive the condition that be should conpose a probationory essay in proof of his capacity as an engineer, and About this time he admit him. called to advise Leopold, king of Belglum, as to the most efficient system of railways for the latter's kingdom, Stephenson did not need the recogni-tion of foppery and frippery to bring him to the front. He came forward through sheer force of intellect and never-sailing determination. He prolected the High Level Bridge over the Tyne, but did not live to see it completed. The work was performed by his son Robert, who was worthy of such a taber, and has done much to bring bonor to the Stephenson name.

The history of George Stepbenson is a lesson to men of all time. By pa. tient, unwearied, self-reliant industry, he rose from obscurity to world-wide renown, emphatically proving that perseverance is power. He was vigorous in thought and energetic in action. When he was recognized as the greatof tenacity of purpose. His death occurred August 12, 1848. The record of his life is one of deep interest, especially to young men, and enforces valuable lessons. Today, June 9th, the anniversary of the day when beaven gave to earth such a representative of frank, fearless and heroic manbood, is a fitting time for those of the present to step forward with a determination to succeed, as did George Stephenson, in good and noble work.

WASHINGTON LETTER.

The gold question is again very much on top, the exportation of gold having brought the reserve und below \$90,000,000, and the prospect being that a large amount will be required to meet the demands for the next week or ten days. Great pressure is still being brought to bear by the New York bankers to compel an issue of bonds, but it is having no apparent effect. A special meeting of the cabinet was held this morning to consider this question and it was a very lengthy one. No announcement has been made, nor is likely to be made, for some time of any charge in the present policy, although there are good reasons for believing there will be a change should the present demand for gold continue for any length of time to be as great as during the past week. While it cannot be stated as a certainty, it is believed by some lawyers that Secretary Carlisle has authority under a section of the act of March 17, 1862, to issue legal tender notes for the purpose of purchasing gold. The cabinet is said to think that this method if it be legal would be preferable to an issue of bonds. Those who claim that the authority conferred by the act men-tioned still exists say that there is no limit other than the secretary's discretion to the amount of legal tender notes that may be is-eued to purchase gold. This would me t the approval of those who think an increase in the amount of money in circulation would be advantageous, and it could not be claimed by those who profess to be in deadly fear of a depreciated currency that there would be the slightest danger in that direction, as every dollar so issued would be replaced in the tressury by a gold dollar, provided, of course, that the the gold could be obtained at par. Your correspondent doubts the existence of the authority for the issue of legal tender notes by the secretary of the tressury.

The annual meeting of the board of lady regents of the Mount Vernon association, which was unusually in-teresting this year, has just adjourned. According to the sunual report of the superintendent 87,000 people visited the grounds last year. That number will be quadrupled this year by reason of the electric rail way from Alexandria to the Mount Vernon grounds. From each visitor the association exacts twenty-five cents for admission to the grounds, and in addition a steam boat company which has for many years been monopolizing the right to