y as another containing the same weight of ater, and an orifice of the same dimensions to which a short pipe was applied." No reasons are given for this phenomena, and $w$ sometimes find it difficult to believe a simple assertion, without the appearance of reason In this case, however, we can understand that if the inserted tube projects downward, the water in passing through the tube acquires additional velocity by its own unimpeded gravity, and on the principle of suction draw the water from the reservoir with the same ve locity that it would have had without the tube, if the depth of water in the vessel had been equal to the length of the tube in addition to the supposed denth. But the escape of the water is not otherwise facilitated by a tube (To be continued.)

## Editorial Ablity.

Aewspaper writing has grown to be an art of itself Many a literary man who thought because the " greater includes the less," every author is ex-officio qualified to be an editor, has sunk back into the rear place of the press, after some smart writings had shown his bookish talent and his inability to deal with facts. Others who could pour forth volumes, have failed, because they could not cope with hy draulic pressure, or prompt selection of salient points needed for the space and rapid comments of the journal Take the best papers of London or Paris, diflerent as the circumstances of the case may be, and you must allow that it is not every booby that could seize the moral spirit of passing history. The same may be said with equal justice, of the Amer ican press. People of some little talent fancy they can edit a newspaper, if they can do nothing else; but they essentially find their mi take. Not only is intellect, but a knowledge of the world, miscellanc i imformation, tact industry, rapidity of thought, a nervous style and a capacity at once to catch the strong and weak points of every subject, are required f a good editor - Eng. pap

The Randolplı Slaves.
We mentioned some months since that large number of colored peope, formerly the slaves of John Randolph, had passed through Cincinnati, on thei: way to Mercer County, Ohio, where laud, provisions, and farmitis utensils had been prepared for then : but w did not mention that on their arrival on their own land, the people of Mercer Co., even those who had sold them the land \&c. raised a mob and drove them off, and they were constrained to seek unconditional service among the more friendly white families in different parts of the state. The abolition papers are now comforting themselves by turning the apparently adverse circumstances to good fortune, on the ground that the negroes are acquiring a course of useful instruction in agricultural pursuits of which they were entirely ignorant (having been accustomed to raising tobacco) and which is indispensable to their success in farming for themselves

The Smithsomian Institute
The Regents of the Smithsonan fund liave performed their business according to the strict sules of aristocracy and adjourned. Eqery movement on the subject, (as every observing man forsaw, - and the donor should hav known would be the case) appears aimed to favor those who are in the favol of the movers. $\$ 20,000$ have been voted for a library, and salary of three thousand dollars per annum for a librarian. The salary of the secretary has been fixed at $\$ 3,500$ per annum. This fa office of eleven dollars a day, and not much to do, is expected to be given to Professor Henry. The other offices are to be filled on the same scale; and this the way the community is to benefitted by the Smithsonian fund.

## New Alarm Hell

A mammoth bell has been brought to this city from Troy and is intended to take the place of the one which now hangs above the City Hall. It was manufactured by Andrew Meneely, at West Troy, and weighs 7845 pounds.

## Specle Returning.

The steamer Cambria brought out from Engand one hundred and eighteen thousand, four hundred and thirty dollars in specie.

## Entexprise in Wayne, Me

Scythe Factory Village.-This beautiful and picturesque village is situated at the foot of a pond extending two miles southward from Fayette Mills. Here is to be seen the argest Scythe Factory in the world. And bere is a true specimen of the results of the skill and enterprise of our own citizens when faithfully applied. Fight years ago the stranger would have seen here two or three old houses, and an old set of mills in which wa laced machinery for sawing lumber, grinding and fulling cloth. Now in addition to machi ery of this kind there are three large build ings for the manufacture of scythes, giving employment to some 100 hands and turning out about 300 dozen scythes per week. About 9000 dozens were finished last year, and thi year they hope to make some 15,000 dozens The work is nearly all doneby the aid of ma chinery. In place of the two or three ol houses, there are now about 25 beautiful houses, painted white, not only bearing testimoy to the thrift and enterprise, but also to the taste of our citizens. A sample of the scythe made at this factory, was sent to Washington, at the late National Fair, and the diploma was awarded to the manufacturer though oth er samples from this country, and from Eng land were there in competition. It iswrorthy of notice that all this has been done by private enterprise. without the aid of chartered rights, or any exemptions from taxation. The dozen sent to the fair at Washington nnarked at the factory price, was found to be two dollars cheaper than an English article o inferior quality, thes showing that if the home market did not demand all that are made and even more than it does as yet, we could compete successfully with the English manu Cult.

On the study of Aatural Philosophy There is as occupation which so much study of natural philosoply. This praise has been bestowed on mathematics ; yet a knowledge of abstract mathennatics existed with all the absurdities of the dark ages ; but a famili arity with natural philosophy, which compre hends mathematics, and gives tangible and pleasing illustrations of the abstract truths, seems incorapatible with any gross absurdity A man whose mental faculties have been sha pened by acquaintance with the exact sciences, in their combination, and who has been engaged, therefore in the contemplating real relations, is more likely to discover truth in other questions. and can defend himself against sophistry of every kind. We cannot have clearer evidence of this, than in the history of the sciences, since the Baconian methnd of rea soning by induction took the place of the risionary hypothesis of preceding times.-Dr Arnott

## Caplal Pumshment

argument in favor of capital punish ment has been put forth by the Sunday Dispatch ; namely, that those who are hung ar those who being poor and ignorant were neve reached by the gospel, and would never have been reached by the clergy had they not fallen under the sentence of death. But when this occurs "human beings whose spiritual wel fare had been before entirely lost sight of, suddenly become objects of interest," and the are now visited by the clergy to prepare the for death. Thus it is proved that the salvation of a certain number is secured by hangins them.

## An Expensive wife.

A case was lately decided at the Court Queens Bench in which a jury refused to make 2 husband responsible for an extravagant mil lizer's bill of goods taken by lis wife. The bill contained among other things, ten new bonnets, and forty-three pairs of gloves in sev on months. Of course they must have a new law, limiting the number of bonnets, gloves, chase at any one shop, in a given time.

## Marshall's No. 30.

We still retain the opinion that better bargains in under clothing, are given at Marshall's Troy Shirt Depot, No. 90 Chatham street, than at any other shop in this city. Our readers who make the trial will thank us
for this notice.

## RAILROAD INTELLIGENCE.

Most of the grading and masonry of this oad are put under contract, at rates within the estimates of the engineers, and the contractors agree to take 20 per cent of the amount in the capital stock of the company. The difficulties, which at one time seemed to beset his work, are now all removed, and in the efficient hands in which its management is placed, there can be no doubt of its being pushed orward to a completion in the shortest possible time.

The Stony Brook Braneh.
This branch road is to connect the Worceser and Nashua road with Lowell. The Low ell people are stiming themselves to build the Stony Brook Branch of this road, which will give us a direct communication with that city They express a determination to go ahead with it, so that it may be completed as soon as the main road is

Cape Cod Branch.
It is reported that the stock of this road,$\$ 100,000$,-has been nearly or quite all taken, and everything connected with the enterpris seems to wear a favorable aspect ; and we are assured that the work will be completed with in the limits prescribed by the charter

## Androseoggtin and ficunebec Rallroad.

An engineer has been engaged to survey the route of this road from Lewiston to Cocnewogin pond, in Monmouth, and that part of the coute will be put under contract so as to begin operations early in the spring.

## Rutland Rallront

The President of the Champlain and Connecticut River Railroad advertises for proposals for building the road from Bellow's Falls to and including the summit at Mount-Holley thirty-four miles, and from Burlington to Brandon, about fifty miles.

Sow York and Erle Railroad.
All the contracts for building this road from Port Lewis to Binghampton ( 13 miles) have been taken. The aggregate amount of the contracts is $\$ 1,000,000$. This is $\$ 1,000,000$ less than the estimates! Twenty-two contractors have taken the whole job, at an average of 12 cents per yard for rock and 10 cents for earth excavation. This is considered ,o low; but the contractors are said to be responsible men. At this rate $\$ 0,000,000$ would complete the road to Dunkirk
The receipts of the Western railway last week were $\$ 19,000$, against $\$ 14,200$ for the corresponding week last year.

Tayior's Money Reporter
This useful, not to say indispensable periodical, partakes largely of the characteristic of the age, that is, improvement. In addition to the ordinary bank note lists, which is revised weekly, it presents beautifully engraved fac similes of all the gold, silver and copper coin, of all nations with their current value. Published by S. Taylor No. 90 Broadway

## Advice.

If any of our young friends are designing to attend the Hulyday Balls, we would recommend them to go at once to Messrs. Steele \& St. John No. 27 John street, and get measured tor a new suit of clothes. We know from personal observation that they excel on fit and style, and for variety of Cloths, every one that gives them a call can satisfy themselves that their assortment is well selected, and very cheap.See Card in another column.

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