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LIST Of Patent claims
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for the weki ending februart 13, 1855.








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The Way to Build up a state.
Governor Grimes, of Iowa, in his inaugural address, thus describes the wants of the thriving State over which he presides
"She wants educated farmers and mechanics, engineers, architects, metallurgists, and geologists. She needs men engaged in the practical duties of life, who have conquered their professions,and who are able to impart their knowledge to others. She wants farm-
ers who shall be familiar with the principles of chemistry as applied to agriculture ; architects and mechanics who will adorn her with edifices worthy of so fair a land ; and engineers and geologists who will develope her resources, and thus augment the wealth and happiness of her citizens. This want
a school of applied sciences. I have no hes-
itation, therefore, in recommending that a itation, therefore, in recommending that a
university fund be appropriated to establish a practical scientific or polytechnic school." Petred

## New Petritted Bodies.

The Dayton (Ohio) Empire, gives an account of some bodies which were buried some years ago, near that city, having become petrifications. The bodies were the wife and grandchild of G. P. Loy, and were buried on a little knoll on his farm in the Miami Valley. He opened their graves to remove them to his family lot in a new cemetery, when, on coming to the coffin of his first wife, who had been buried twenty-four years before, it was found to be perfect in form, but could not be raised on account of its great weight. It was at last lifted by six men, when its lid was removed, and the body appeared to be perfect. Upon a close examination it was found that the remains would not give way under the pressure of a piece of board which one of the gentlemen placed upon the corpse, and this strange cir cumstance led to still further investigation. The shroud, and indeed all the covering which was upon the body at the time of interment, 24 years ago, had disappeared-not a vestige of them remained. The body was perfect, except the right leg, from the knee to the ankle joint, where the flesh seemed to have wasted away, and lay at the bottom of
the coffin, in a substance resembling sand. With this exception of decay, the body and limbs exhibited the same perfectness of exerior they did when in life
The body had become petrified! It was by some quality of the earth turned into stone of a drab, or, more properly speaking, lesh color.
The grave of the grandchild of Mr. Loy was next entered, and the coffin exhumed. It was also found to be heavy, and when opened the corpse presented much the same appearance as that of Mrs. Loy. It was not as perfect, however, although petrified. The most remarkable thing connected with the
remains of the child was, that the hair upon the petrified skull was to all appearance the same as life! The other bodies which were
exhumed-one or two in number-were only partially petrified.
There is a petrifaction-that of an Indian -in the British Museum, taken from the Island of Guadaloupe, and said to be the oldest of a human being in the world. In the work of Gliddon and Newton, on the dithe work of Gliddon and Newton, on the
versity of the human race, this Guadaloupe petrification is spoken of as a most wonderful curiosity, and affording evidence of the great length of time-more than forty thou-
sand years-that the human race has lived sand years-that the human race has lived time required to form the petrification being alleged as a reason for this conclusion, but the facts now brought to light in Ohio shows upon what very slender data they have formed their opinions. It appears to us that we have read of bodies having been found petrified, in other places, a few years after interment, but we cannot lay our hands upon the source of information at present.

## How the World was Made.

Messrs. Editors-I would like the privilege of a few remarks on an article headed "Age of the World," on page 165, in which you review an able effort of Rev. Jobn O.
Means, to reconcile the Genesis' account of reation with the science of geology, \&c. The Reverend gentlemen reasons well, no doubt, but I apprehend, from wrong premises. There seems to be greater difficulties in the way than the length of days, or "periods," created, as he maintains, three long periods before the sun, moon, and stars, the question arises, "did it revolve or remain stationary ?" If it revolved, according to the philosophy of motion, it must have flown off in a straight line ; it it remained stationary, I can see no other alternative but the "turtle's back" to support it. If reason and philosophy are to be our guides in speculating on these questions, we should apply them thoroughly to every theory or hypothesis, whether physical or
with this test, they should be received as of very doubtful reliability. It seems to me, therefore, that it is not in keeping with reason and philosophy, to suppose the creation and consequent action of the minor (our earth) before the major and central body (the sun.) Surely the earth is not the prin cipal body for which these great and magnif icent systems, which Astronomy reveals to us, were created, and of which our solar ystem forms but a small part; and then to hink our earth forms but an insignifican portion even of that.
In view of these considerations it seems to me contrary to reason, and the laws and philosophy of motion to suppose the earth created before the sun, moon, and stars.

David Palmer.
Batavia, N. Y., Feb. 12, 1855,
[If there were no other planet or body than the earth in the universe, unless it received an impulse, it would neither move of, nor in a straight line, nor require the turtle's back to holditup. Mr. Meansisnotwronginhis pre mises here. But as he is a believer in the nebularhypothesis, his conclusions are somewhat contradictory, because it assumes that the matter of which the earth is composed rotated around that of the sun, as a center, wita the matter of the moon, planets, and stars, outside. This dogma is positively *egative to the sun or the stars being made after the earth. We must also say, as our correspondent has directed our attention to this question, that Mr. Means has endeavored to give a very wrong and unfair exposition of the plain meaning of the word water. In the Scriptures, describing the second act of creation, it is stated, "God said let there be a flrmament in the midst of the waters and let it divide the waters from the waters," -the waters below from the waters above"and it was so." In reference to this language Mr. Means says, "if the waters spoken of were matter in a gaseous state, the separation would be the process by which nebulx were detached fron the mass and formed into worlds. No one can atfirm that such was not the character of the waters," "the word water is not evidence that it was not gaseous matter."
The word water used here, he assumes, along with Prof. Guyot, means gas-nebula. Now let us take his explanation of the word water, and apply it to the third day's acts in Genesis, and see what a wretched exposition he makes of it.
It would read, "Let the gas, or nebula, under the heaven (thisgas, be it remembered, is the water below, that was separated from the water above) be gathered into one place and let the dry land appear, and it was so ; nd God called the $\alpha r y$ land earth, and the gathering together of the gas, or nebula, called He seas." If Mr. Neans and Guyot are correct in their way of explaining these descriptions in Genesis, to prove the nebular hypothesis, their logic leads to the absurd scientific conclusion that the moon is a globe of water.
Our correspondent's reasoning with regard to the sun being the major body of the solar system, and could not be created after the earth ; and that the latter was not the principal body for which the sun was made-according to the Genesis account, is very natural, but we do not think it profound. Why should not the sun be created for the earth? If the sun contains no living intelligence (and who believes it does) the earth contains far higher and more elevated objects of creation. Man was created after our globe was formed, yet is man not a more noble work of creation than a dead world?

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At a recent sitting of the Paris Academy of Sciences, the prize for astronomy was divided amongst MM. Luther, belonging to the observatory of Blik, near Dusseldorf; Marth, attached to Bishop's observatory at London Hind, belonging to the same observatory; Ferguson, attached to the observatory a Washington ; Hermann Goldschmidet, historical painter, and Chacornad, attached to the observatory at Paris-each of these persons
having discovered a small planet in 1854.

