The next meeting of the association will be at Cleve-refuge! What must they have thought of the mockery sions nor enthusiastic ideals must be allowed admitwas also the usual election of other officers for the as-cause unintentional. sociation and for the sections.

POSITIONS OF THE PLANETS IN SEPTEMBER.

VENUS

is evening star until the 21st, and then morning star. On the 21st, at 11 o'clock in the morning, she arrives at inferior conjunction, and, passing between the earth and sun, completes her course as evening star, changing from the eastern side of the sun to the western, and commencing her course as morning star. She sets on the 1st about a quarter before 7 o'clock, a little less! before sunrise.

JUPITER

is evening star. He will be the brightest star in the is quickly lost to sight. Jupiter will be found in the refuses to acknowledge the rights of these poor stran-30th. He sets on the 1st a few minutes before half of by their mortal enemies, the foreign miner, the sandhour and a quarter after sunset.

is morning star until the 10th, and then evening star. On the 10th, at 1 o'clock in the afternoon, he is in superior conjunction with the sun, passing beyond the sun and reappearing on his eastern side to run his short course as evening star. He is invisible during the month, rising on the 1st about half past 4 o'clock in the morning, and setting on the 30th about 6 o'clock in the

is evening star, is very near the sun, and nearly at his greatest distance from the earth. He sets on the 1st at half past 7 o'clock in the evening, and on the 30th soon after half past 5 o'clock.

is morning star. He is an interesting object for observation in the early morning hours, as he moves eastward among the small stars of Cancer, being about 9° southeast of Pollux and about the same distance northnight.

MARS

is morning star. He is still small in size and luster. At the commencement of the month he is about 2° northeast of Saturn, and may be found with the aid of an in their own breasts. opera glass. He rises on the 1st soon after 2 o'clock in o'clock.

NEPTUNE

is morning star, and is nearly at his greatest distance from the sun. He is in the constellation Taurus, south of the Pleiades, rising on the 1st about a quarter before 10 o'clock in the evening, and on the 30th about a quarter before 8 o'clock.

THE BLOT UPON OUR STATUTE BOOKS.

A recent event has directed our attention to the operation of the Chinese immigration laws in a manner that is not particularly flattering to our pride as citizens of the greatest and freest republic in the world. The circumstances, when briefly related, are these Two tea-carrying steamers, the Monmouthshire and the Glenshiel, started from Amoy nearly the same time, for New York. They raced with each other over a whole hemisphere, with the Glenshiel coming into port several days ahead, having made the trip in forty-two days and thirteen hours—the fastest time on record.

It seems that the crew of the Glenshiel consisted of Chinamen. As soon as she arrived, an inspector of customs was placed in charge of the vessel, "in order," as one daily paper stated, "to prevent any of them landing to degrade American labor."

Now, observe that the men thus watched and guarded by the argus-eyed inspector of customs were not crininals, nor paupers, nor even workmen competing with Americans in the labor market, but simply sailors who desired to recreate on land after the toil and hardships of a long ocean voyage. To forbid the landing of sailors ordinarily would be the refinement of cruelty; but in the present case it was an exhibition of barbarism hardly to be expected from the most enlightened nation on the globe.

Imagine the feelings of those gallant and plucky seamen on being told that they were forbidden to land, lest they degraded American labor! that America. free to the rest of the world, including the wild men of Borneo and the degenerate Hottentots, was not free to them, simply because they were Chinese, and that they must content themselves with a sight of the land the loud pretensions of this country to be a land of serenity, an unruffled calm. Neither generous pas- of railway architecture.

land, Ohio, in August, 1888. Major J. W. Powell, of of Bedloe's Island-Liberty enlightening the world? tance. The pulse must never be driven up beyond a Washington, D. C., was chosen as president. There The irony of the French sculptor is not the less keen be certain point, either by work, by anxiety, by fear, or by

> migration are so enforced as to perpetrate the grossest spirit.—London Standard. injustice and inhumanity.

Every day we meet with cases where the mischievous operation of the anti-Chinese laws can be plainly seen. But while we can trace many evils directly to the enthan half an hour after sunset. On the 30th, she rises forcement of these laws, the evils that result indirectly at 20 minutes before 5 o'clock in the morning, an hour are neither to be traced nor to be adequately calculated. The persecution, distress, and wrongs to which the Chinese in this country are subject in consequence of those laws and their harsh execution are unknown heavens for nearly the whole month, as Venus sets quantities; but it does not require much intelligence soon after the suu in the early part of the month, and for any one to understand that when our government west, soon after sunset, in the constellation Virgo, 11° gers, and shows itself reluctant even to accord them east of Spica on the 1st and 16° east of the star on the the protection of the laws, this will be taken advantage past 8 o'clock in the evening, two hours after sunset. lotter, the hoodlum, and the saloon politician. We On the 30th he sets at a quarter before 7 o'clock, an quote the following from Fire and Water, to show that we are not talking at random:

> "When calling attention last week to the danger of a destructive conflagration at Los Angeles, Cal., we might have added to the other hazards that contributed by the presence of a large and extremely unpopular Chinese element. It seems that barely a fortnight ago the agents of most of the insurance companies canceled their policies on buildings occupied by Chinamen, upon the ground that the existing feeling against them made the hazard too great. They have reason to congratulate themselves upon their foresight, for early on last Sunday morning a fire of unknown origin, which started in a gambling den in the Chinese quarter, consumed twenty-five buildings, in which about 1,000 of the "almond-eyed" had been housed, the losses being estimated at \$100,000; and the press dispatches mention significantly that, although the fire companies came promptly to the spot, the slow and deliberate way in which they went to work 'seemed to indicate that they were not over-anxious to save the buildings.

It is true that the fire started in a gambling den, but east of Procyon. He rises on the 1st at 2 o'clock in the the majority of those who were burned out of house morning, and on the 30th about a half hour after mid- and home were, doubtless, industrious and peaceable men-not addicted to gambling. Could there be a meaner exhibition of depravity than that shown by those firemen? They did not put out the fire, but they extinguished every spark of honor and humanity

As Americans, we are ashamed to own that such the morning, and on the 30th at a quarter before 2 things are possible within our boundaries. We are nation that carries out a policy of exclusion, and we denounce the ill-treatment of the Chinese as unchristian, barbarous, and inhuman.

Philosophy of Longevity.

existence and to diminish the probability that a man the street, but at the toll gate it is raised somewhat or woman will reach ninety, to say nothing of a hun-land protected by wooden stringers on the remainder dred. We lead more exciting and more wearing lives, of the road. The equipment of the road has been It is in vain that a person has a splendid constitution largely increased, and cars now run every half hour. to begin with, wears flannel, or the equivalent of While inspecting the conduit, the car Ampere came flannel, next to his skin, dwells in a warm, dry house, dashing down the track. It had hardly stopped when and eats and drinks everything that is good and whole- the crowd of waiting passengers began to scramble for some, if at the same time he habitually overtaxes his seats. Mr. Fisher and the reporter took a position on strength, looks upon his muscles as mere machinery the front platform. The conductor gave the customary to be driven at high pressure, and ruthlessly calls yell of "All aboard," and then a signal to the motor upon his nerves to squander their reserve power when man. The latter didn't yell "Get up," and pound a every other source of energy is exhausted. Men or tired horse with a whip. He simply moved a little women who intend to be centenarians in these days switch, and the car glided noiselessly and rapidly in must combine something of the old mode of life with the direction of Highland Park. The trip to the end something of the new mode of living. They must, of the road, which is three and one-half miles, was while availing themselves of all the scientific discovimade in fifteen minutes. On reaching the switch, the eries and sanitary appliances of the age, imitate their car Volta passed without any perceptible difference grandsires in the steady and tranquil habits that pre- of speed in either car. This explodes the erroneous vailed before the invention of locomotives and the idea that two cars going in opposite directions and protelegraph. They must have their eight hours of sleep regularly; they must have intervals of repose and vacancy in the daytime; they must spend a goodly portion of their waking hours in the open air. Nor will that suffice: there will have to be regularity in the and "let her out." The car shot forward, and rushed hours of their meals, and discipline in the ordering of past Highland Park and Captain Stevens' farm at a the dishes of which the meals are composed. We cannot believe that anybody will ever live to one hundred who eats a heavy dinner every night of his life at eight | slowed down to twelve miles an hour into the city. o'clock. Champagne in abundance, and Bordeaux or Burgundy ad libitum, should be forsworn by persons who deliberately set before them the attaining of their cal construction. The motors are placed on the front hundredth birthday. Neither, with such an end in view, would the active life of a politician, a lawyer, or a doctor be a same enterprise. In order to reach that phernalia. Each car is provided with an ammeter, distant goal there must be a training, if not severe, at which indicates the amount of current being used by flowing with milk and honey, but were not to enter it. least regular and unflinching. Most of all there must the motor. The cars themselves, which were built by Imagine their disappointment and their disgust with prevail in the existence of such a person a tranquil the Pullman Company, of Detroit, are fine specimens

hope. At the same time, mere stagnation will, in all Suppose our American sailors, the bravest and pluck-probability, never enable a person to live to one huniest of all that plow the high seas, were forbidden by dred. There is such a thing as rusting out as well as Chinese law to land on the Chinese coast! How indig-wearing out. If a candle does not burn brightly nant we would be, and how eloquently we would de-enough, it does not consume the wax with rapidity, claim on Chinese heathenism and exclusiveness! And and goes out for want of adequate combustion. It is yet, under our very noses, the laws against Chineseim-so, no doubt, with the human body and the human

PHOTOGRAPHIC NOTES.

Reproductions on Erythrosine Bathed Plates.—The most favorable illumination for oil paintings is a direct front light, by which shadows cast from very thick strata of paint and strong brush marks are considerably allayed, and the structure of the canvas is made in-

Black or neutral colored screens, placed at certain angles toward the object to be copied, will absorb the objectionable light, and leave the original free from reflections. Gloss and flares may cause disturbances; but these may be overcome by placing reflecting mirrors behind the lamps, and by adjusting one horizontally directly under the picture.

When very old oil paintings have hung for a long time, exposed and subjected to dust, moisture, and other destroying influences, the surface of the painting is sometimes so much incrusted with dirt as to make a good copy from it an impossibility. If it is practicable, which sometimes it is not, the picture should be cleaned with a soft sponge, water and soap, and, after allowing to dry slowly, rubbed over first with a dry soft sponge, and afterward with oil or glycerine and

Line engravings, manuscripts, and other old documents, yellowed by age, copy exceedingly well upon erythrosine plates; and equally so do old photographs. The grain of the paper, making enlarged photographs look rough and coarse, disappears almost entirely upon orthochromatic plates, and they are used, therefore, for that purpose quite extensively. In fact, for all kinds of photographic copying, with the exception, perhaps, of those showing pure whites and blacks, color-sensitive plates do good service.—Photo. Times.

The Detroit Electric Street Railway.

"Do you make any speed with the electric motor?" a reporter of the Detroit Free Press asked of Frank H. Fisher, inventor of the system in use on the Highland Park road.

"Come out and receive a practical demonstration," was the reply.

The invitation was accepted, and shortly afterward the young inventor and the reporter were at the power station. Here were found two dynamos, one not proud of the position we occupy of being the only for operating two cars and a larger one for handling six. These dynamos are driven by one engine, and it was impossible to tell that the machines were delivering the current to the track, there being no spark and very little noise. The current is taken to the car by means of a third rail, which in the city limits is There is much in modern life that tends to shorten placed in a conduit entirely below the level of pelled by electric currents cannot pass each other. On the return trip, when the pretty stretch of road from the post office to Kaiser's was reached, Mr. Fisher gave a signal to the motor man, who moved another switch rate of twenty-five miles per hour. The speed was maintained until the switch was reached, when it

The new cars Franklin and Faraday, recently placed on the road, show marked improvement in mechaniplatform, entirely out of the way of passengers, and there is an entire absence of wires and other para-