

AN essay was read at the last monthly meeting of the Pennsylvania Society for promoting Agriculture by General Pleasanton, which contained some strange statements. The paper had for its subject the chemical effect of different rays of sunlight, or, more properly, the effect of the sun's rays upon animal and vegetable life when transmitted through different colored glass. Light transmitted through blue or violet glass, according to various experiments which have been made, produce wonderful results.

The following experiment with grapery was the first in which the effect upon vegetation was first noticed. The grapery in question was 84 by 26 feet, and 16 feet high at the ridge. Into the glazing of the grapery at every seventh row of panes of white glass, a row of violet glass, blue not being procurable at the time, was introduced, alternating on opposite sides of the roof, so that a violet beam should fall eventually on every leaf in the grapery. The cuttings planted grew rapidly and new wood was noticed daily. In a few weeks after planting, the walls and inside of the roof were closely covered with luxurlant foliage. Experts pronounced the vines thus treated as far superior to these grown in the usual way. Cuttings were planted in 1861-in 1862 they produced a wonderful crop of grapes. So much so, that the small building iff, his deputy, and Sheriff Root. They was found to contain twelve hundred pounds of grapes. In 1863, the amount of fruit was equally large, and has continued thus, season after season, since, the noose while the death warrant was without abatement, the vines seeming to require no time to rest.

The effect upon vegetation having doomed man falling with such a trebeen so marvelous, the idea was sugof trying it upon animal life, gested neck was broken; but it was not, for in and, indicrous as it may seem, the re- a few seconds the beholders were thrillsult was similar. A glazed roof, half ed at seeing his right arm jerk up and white and half violet, was placed over his hand thrust into his pants' pocket. the building used as a piggery, and the this was the final movement visible, growth and thriving of the animals ex- and in fifteen minutes his heart had coods any previous efforts in hog culceased to beat, and when the doctor Still more miraculous: An Alture. derny calf, so puny and feeble that its down and placed in a coffin for public life was despaired of, was placed in a inspection. pen under violet glass. In twentyfour hours a marked change had occurred; the animal could stand, took food

eagerly, and manifested great vitality.

As a profane swearer he was a suc-The Versailles fire brigade has got Paris. Thiers has gone to superint its operations. There is every symptotic the fire having been caused by p As a curious complier of cunning. rotchets he was extraordinary. And as a cold-blooded, stolcal brute

he was perfect. The night before his execution the sheriff asked him what he should do

fire. with his body, to which Ruloff replied he did not care a g-d d----o, and being in a bad temper, he said he wished to Heaven the sheriff would let him alone. He went to bed about nine o'clock, and alept soundly till five in the morning. He was very bad tempered when he awoke and continued so for an hour, refusing to see parties who sent in their partially insured. cards. After that time he admitted a reporter, and for over an hear he tried

to explain to him his philological theorise. He then admitted many persons to a final interview and was jocular and profane in his conversation, seemingly nephew and niece. caring not the least at the near approach of death. As the sheriff was leaving his room he said:

"I say, Sheriff, I want to go off as near noon as possible, for I expect to take my dinner in hell to-day." denied.

left the prison at twenty minutes past

mendous thud that it was thought his

(SPRCIAL TO THE DESERT) NEWS.

Telegraph.

Bu.

Colfax

The sun of \$73,370 which was realized over expenses at the recent French fair Later in the morning his rel over some papers of which they had retained possession and which Ruloff wanted to burn. At half past ten he was notified that it was time to prepare

for execution. He declined assists VIRCINIA. and instantly dressed himself for that nent to the Confe terrible ordeal. His manner was as RICHMOND.-The corner stone of the cool as possible, and relapsing into one monument to the Confederate dead, at Oakwood cemetery, was laid this afterof his ill-tempered moods, his language noon. About one hundred thousand was brutal and abusive to the last depersons were present. gree. He scorned sympathy and as-

sistance and would have neither. The procession from the prison to the sonf-Pacific Coast Dispatches. fold consisted of the prisoner, the Sher-

SAN FRANCISCO, 24,-Grain, wool, etc., will be shipped here from the Auseleven. The prisoner walked straight Mechanic's fair, and Japan will send a large assortment of manufactured ar-ticles, and a special delegation of Japto the gallows and stood leisurely under read. The rope was then adjusted the anese to take notes. signal given, and the trap fell, the

RHODE ISLAND.

Fire.

MASSACHUSETTS.

The grand tabernacle tent for the Methodist camp meeting has been brought from the cast and is being erected at the corner of Stockton and Farrell streets, and will be opened to-Bowen of Bowen Bros., had a leg broken by breaking the axle of a wagon in which he was riding to-day.

BAN FRANCISCO, 25.-At the race the Pacific Park yesterday, Defiance distanced all the other horses in the first hest and won the race with ease; time pronounced the body lifeless it was cut

A steamer eighty feet long is to be put on Lake Clear. The Central Pacific company are carrying on the survey of their propos-ed short line between Benecia and Sa-

FRANCE.

ramento.



In the Singer Machine the Shuttle is carried

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New Improved Silent

ARE

THE SINCER

FAMILY MACHINE

In a few days its feebleness had disappeared, it began to grow, and developed more rapidly than any of the healthy animals on the farm. The same principle has been applied to the raising of poultry with the most remarkable suc-

In dwelling upon this curious theory, the Iron Age, asks: "If pigs, calves and chickens can be developed so amazingly, why stop with the lower animals, but subject man to the same treatment? Seriously, if the effect of such light upon delicate and puny animais is so invigorating, how cheap and easy a cure for puny children, and what a specific for the scourge of marsamas, which heads the list as the cause of infantile mortality. If good for sick calves and bables, why not forsick men, and why not have blue glass roofs to hospitals and infirmaries?"

If light transmitted through blue glass have such a wonderful effect, blue or violet glasses ought to have a restorative effect upon the eyes. If the statements made concerning these experiments be true, and reported upon such authority there ought to be some truth in them, there is a fine field for experi-

in them, there is a fine field for experi-ment. Experiments can easily be made, by which the facts can be demonstra-ted, upon fruits, flowars or even live stock. A MINISTER, J. D. Fuller, announced the other day before the American Bible Union, of Chicago, that they were forced to the conclusion now that God wished to speak to them as he did to the America of old. The question to the Apostles of old. The question arises upon reading this statement, "Will he have such willing hearers ?" It would be refreshing in these days, to

tary Boutwell. hear the members of a Bible Union dethey had received direct revelation from the Lord. It is all very well for this gentieman to my that God wished to speak to them; but, the truth is, they would not listen to him if they thought he desired to reveal big will to thought he desired to reveal his will in the manner in which he did in ancient The injunction of secrety has not yet the manner in which he did in ancient

OUR readers may remember a notice

appearing in the columns of the NEWS and the trial, at Binghampton, N. Y.,

career of this man proved him to have been one of the most vile and extraordi-nary criminals that ever existed in the of the learned murderer Ruloff. The



cover, as the symptoms were favorable. It is decided in official circles, that Collector Murphy is to be remov. d, and it is further said that Murphy has the confidence of the President ad Secre-

E B Simon P Hill, Colorado



ROCHESTER .-- In the case of Daniel



and the Tuilleries. The Belleville troops are mowed down by a fire from windows and barricades, and from mi-traillenses, but they steadily gain ground. The slaughter is awful. Outside of Paris, 24th .- The dead remain unburied ,and the wounded lie unattended to in the streets. VERSAILLES, 24.—In the Assembly to-day Thiers announced that the Hotel de Ville was in flames. He expressed his horror at these acts of vandalism, and declared that it was the determina-tion of the Government to punish the

perpetrators without mercy.

SOUTH AMERICA Revelutionary.

ASPINWALL, 1S eig Kingston, Jams-ics.-The steamer Montigo seized a quantity of coal belonging to the Pacific Navigation Company and landed three hundred men within five miles of Panhundred men within five miles of Pan-ama. The foreign consuls, acting as commissioners, made an effort, which proved unacceptable, to arrange peace. Herrers, chief of the insurgents, had an interview with Wemeir Carredso, on board the Mantigo, but could come to board the Mantigo, but could come to no agreement. The Mantigo has left for an unknown destination. There is great excitement in Panama, and can-non are now placed in the streets.



E Ware D G Major, U.S. Astronomer John J Major, Washington, D C-N R Unick, Springfold, JU. S & Theorem, Prinking Park

100 800 1 100 1 and MAY 25TH. Steant, San Francisco H Bussell, England, L . H. 2/ S M Russell, England, L. H.H. W C Brian " Dr. J W Shivily, Ohio Hon D Goli wife and daughter, R.L. H S Reid and wife, Mass. Dr. Means and wife, Ind.

Dr. C H Thomas, Penn.

thus avoiding nearly all wear. It requires no oil, and does not soil the thread or goods. Other Machines drive their Shutlies, in a race, thus causing great wear, and requiring oil, soiling the thread and goods. On the Singer, the Tension on both the upper and lower threads is absolutely under the ready control of the operator, thus rendering the Machine always available for good sewing, which is not the case with any other. Many so-called cheap Machines are really worthles, and so are many of their new peculiarities and upper destant asses supposed advantages, The SINGER is the Oldest Practical Sewing Machine, Being about twenty years in the market, Having been constantly improved by the em-ployment of the most skilled ingenuity of the age and unlimited capital, it is now divested of all unnecessary parts and possesses All the Very Latest Inventions and Improvements, it is the only Machine sold on Honest Claims, as all its parts are Precideal and will do all that is claimed for them. Some other Machines are Greatly Complicated, to do Useless and Buny things, and thus are rendered Liable to Con-stant Derangement. The Singer Seldom or Never gives trouble, but is readily and easily managed by those who utterly fail on other Machines. SINGER'S New Manufacturing Machines Claim the same advantages over others of their class as the new Family Machines. These old and well-tried Sewing Machines are applicable to all kinds of heavy and light manufacturing in Clothe, Leather, etc., and run in the most period. and reliable manner without trouble to the operator. HAVE ARRIVED! A Full Assortment of those Beautiful and Unrivaled MACHINES. (The numbers on which show a manufacture of between Five and Six Hundred Them-sand.) Consisting of the Different Varie to made by the Singer Manufacturing Company and we shall sell at Eastern Prices, with addi-tion of Freight only. To accommodate parties who cannot pay all down, we will sell on BASY MONTHLY INSTALMENTS So that all may possess one of these Blessing For the convenience of our Patrons we have engaged the services of a gentleman who has had twenty years experience and is one of the most skillful experts in the world in repairing and adjusting Sewing Machines. He will pul each Machine in complete and practical ran-ning order before it leaves the institution and will also impart to purchasers all needfal in-struction, so that they can at once commence We resort to no trickery whatever to sel not nearly fill their orders, and are pelled to still extend their Gigantic Works. We having been so fortunate as to General Central Agency, For this Territory, we extend a cordial invita-tion to all to come and nee the Machine, orbitors, but do not huy or bot. See all others, but de not buy without you es-amine the Singer. We Guarantee every Machine ** Anhulululula sell 'o give entire satisfaction. in restive terms the



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