OF CALIFORNIA.

Grove is disappointment. Two trees of no that it is a good sign for a young man to love grees of elevation, with equal facility. extraordinary size, when vivid imaginations the society of men who are older than him- The perfect case and accuracy with which evare taken into account, guard the carriage self, and for an old man to love the company ery movement was gone through with, excited entrance to the hotel. These, with a little of those younger. It is thus that youth ac- the admiration of the whole party. Four shots dome-shaped summer house on a giant stump quires the experience and wisdom of age, and were aimed by Gen. Rosecrans at a target, THE PHILOSOPHY OF THE OX TEAM. are all the exceptions to an ordinary pine age retains the vigor, freshness and elasticity about three-quarters of a mile distant, some forest. A pretty white house, beautiful lawn of youth. Children have in themselves a fund ten or twelve feet square, and each one struck enclosures, etc., in front, or simply suggestive of wealth in the overflowing affections which it fairly. The firing from it is much more of the sweetest country- quiet and comfort. God has given them, which they impart to all rapid from it than from the Ericsson turrets. were heavy, steady work is to be done, where whispering boughs are more than the imagi- them. If they call out the energies of a man ded in this way quite as easily as those in patience in toiling through sloughs or over nation bargained for, and the soul is satisfied and make him work hard in the hours of bus- this turret. When steam is applied to them, rough and rocky ground. The strength of the to drink in beauty, minus sublimity. But we iness, they relax and refresh him with their as we doubt not it will soon be, the officers of ox is so great that we are in the habit of unall believe in trees, particularly do we, the warmth and geniality and absence of care in the French navy will no longer be witty with der-estimating it, and though we often overtax denizens of San Francisco's sand hills, regard the hours of relaxation and of throwing off. | the assertion, that "Americans have put large his endurance, and cruelly try his patience, we them as a necessary expression of nature.

perfect species that so beautify the land near or so good a start in life as he had or as he If worked by steam, their value will be of neighboring herds meet and dispute the Stockton had increased the keenness of the could desire, if there is a large family to share greatly enhanced by the increased rapidity in right to favorite pasture grounds (a sight raretree appetite. But I confess I feared my his savings. But there is the best of all sorts firing. These eleven-inch guns can be with- ly seen in older parts of the country), has lest limit to tree grandeur had been reached long of education in the attrition of a large family. drawn from their ports, lowered and loaded one of the most magnificent exhibitions of ago. All forests are grand, and when I Franklin bids a young man who would marry and returned ready for firing in sixty seconds. power, actively and well-wielded strength, viewed them in the valley of the Juniata, and well to avoid only daughters, but select his The horizontal range is obtained by rotating steadiness, perseverance and nerve that can be from Alleghany's hights, I thought nothing wife out of a large family, because there are the turret. All the movements and peculiar- witnessed. There is something terrible in the could exceed. Then came the avenues of New a thousand rough edges of temper that get ities of the machine were courteously explain- way they hurl their ponderous bodies against England elms, and adoration took the place rubbed off by the natural action of a number ed to the party by Mr. J. W. King, Chief En- each other, in the clash of their horns, and in of admiration. Next came the giant cypress, of young people on each other. Each leans gineer U. S. N. The inventor, Mr. Eads, the solid thud caused by the meeting of their branch deep in the amber waters of the dismal to wealth. For they make a man economical was not present, being confined by sickness foreheads. With locked horns and heads held swamp, each point of surface trailed with just at that period of life when he is most to his house for several months past. vines and dank, green mosses, among which disposed to branch out in extravagance. From It occurred to us while witnessing these and the close turf tears beneath their strong glided bright-eyed, spotted lizards, and sombre the full possession of conscious powers, ma- interesting experiments, that this invention hoofs. Every muscle of the body is tense, evil-spirited birds. Terror over-topped admi- king money very easily, he is apt to spend it would be of great value for land fortifications, every sinew taut, and every energy alive. The ration and adoration, and in all my longings as fast. If he does this as his strength de- and we think the attention of the War De- whole power of the animal is concentrated in for a vagabond life with nature there came no clines, poverty must overtake him, and disap- partment should be called to it. Patents have one point, and that is his forehead. If we exwish to paddle my light canoe by a fire-fly pointment or dependance cloud his latter been secured by the inventor, not only in the amine the skeleton and muscles of an ox, the lamp through such regions. And later still, years; but by pinching when money is coming United States, but in the principal countries manner in which his limbs are placed with in Carolina's groves of live oaks, thought in fast, when his children are grown, he has of Europe. surely the ne plus ultra must be reached.

monarchs, each line a quarter of a mile in while he is surrounded by protectors who feel some pride in the fact that the problem cate the power of the animal through its entire length, the trees two hundred feet apart, the love him, because he has been their protec- has been solved by a native of the West, and length, we must all be convinced that Nature bare, brawny, skeleton branches stretching | tor. - [Philadelphia Ledger. nearly horizontal and almost meeting. All these otherwise naked limbs draped and garlanded with soft, grey moss, that trailed yards battle of Grand Ecore, Louisiana, describes tain Cowper Coles, the constructor of the cles, and give his head nothing to do, and conand yards and swayed with every breeze. For canopy to the mighty rafters of this great cathedral, a close growth of shining evergreen as follows: foilage. Never did my soul so flow out in libations of worship as now, when the whole Nineteenth, on arriving at the top of the hill, and stand wholly above the deck, rising to spine, we subject the animal to cruel pain and inspiration of gothic architecture opened to suddenly filed off over the hill and passed the height of nine feet, with a pilot-house unphilosophically force him to apply his my eye, and I felt what the poetry of savage through the lines of Gen. Smith. We must partly over the turret. Captain Cole's are strength in a most unnatural manner. Now nature, untamed by civilization, must be, that here mention that the rebels were now in but sunk below the deck, and rest upon bearings could give semblance of that cathedral.

"Boundless as our wonder, Whose quenchless lamps the sun and moon supply, Its cheir, the winds and waves; Its organ, thunder."-

No, no, it would be mean to ask more, and I came to the mammoth trees only to add a massive border to an already completed gallery of pictures. Ah, me! usually we mortals feel of the earth, earthy; but I did believe man was little lower than the angels when I cal faith. Oh, for reverential seer to transdid they catch up the divine echoes? And did | discharge. they sweep their chords in unison when the heavenly choir sang "Glory to God in the highest, peace on earth, and good will toward man?"-[A Lady visitor.

## MISCELLANEOUS.

terred from marriage for fear of the expense How much happiness is interrupted and desof supporting a family. It is a great mis- troyed! Envy, jealousy, and the malignant take. A single man spends more in suppers spirit of evil, when they find vent by the lips, and cigars than would support a wife. Few go forth on their missions like foul fiends, to men lay by much until they have an object to blast the reputation and peace of others. Evlay by for, and thus it comes to pass that a ery one has his imperfections; and in the confamily is now, as anciently, the best of hos- duct of the best there will be occasional faults tages to fortune and none are so much to be which might seem to justify animadversion. trusted as those who have the largest fami- It is a good rule, however, when there is oclies. Still as a family increases around man casion for fault finding, to do it privately to he is very apt to feel as if five or six children the erring one. They may prove salutary. It were a constant drain upon his efforts at ac- is a proof of interest in the individual which cumulation, and that children were poverty will generally be taken kindly, if the manner TION Case. - A curious election case was de- of the Provo river, by means of irrigation. In instead of wealth. But it is not so, at least of doing it be not offensive. The common cided the other day in the House-that of view of this it is my desire to seek informain every respect, or even on the largest and unchristian rule, on the contrary, is to Sleeper vs. Rice, from Boston. The whole tion on the subject of irrigation, and I know and broadest sort of a scale. Thus, for in- proclaim the feelings of others to all but case turned on an alleged miscount of sixty of no better scurce to enquire for it so that it stance, in a national point of view, our first themselves. This is unchristian and shows a method of estimating the greatness of States | despicable heart .- [Lady's Book. is by the number and rapid increase of inhabconsumes, and in some department or other Gray, and ten other officers of the army, ac- submitted in evidence to the committee. The for a family, so may we best test our views Eads, proprietor of the works. of what is best for a family by what is good As we are prohibited, by general instruc- was carried out 518. Palpably the opening panies of farmers constructing expensive for a nation.

the parents are strong to support them, in or- machine, we can only state that two 11-inch 5 on which it joined. The case was perfectly income of their works. der that they may be strong when parents are Dahlgren guns are so completely under con- clear, and all that was wanted was to prove weak and able to protect them, and thus is trol of one man in it, and handled with as that the photograph was taken from the genmade up that bundle of strength which a much ease by him, and with almost as much uine, unchanged tally-sheet. This was easily large family ever generates. Each wisely celerity as a pair of dueling pistols could be. done, and Mr. Rice was admitted to his seat brought up and well educated child is the Every movement of the guns is made by by a unanimous vote.

best of all investments of a parent's wealth of steam. They are run out of their ports by it; The photograph was lithographed by the money, of affection and of effort. Happy still they are lowered into the hold by steam, for government printer, and accurate fac similes farmers are better capable of answering this is the man that hath his quiver full of them. loading, and raised again to be fied, and all of the tally-sheet were thus distributed among than any of our city quills. We therefore

Children keep a young man. He who min- it has taken to relate it. gles only with those older than himself soon | One of the most interesting features about convenient way of disposing of an election grows old; but he who accustoms himself to the turret is the smallness of the port holes contest.

THE WORLD RENOWNED BIG TREES mingle largely and freely with those younger inio which the guns are thrust. They are is the remark of Bulwer, certainly one of the yet the guns are fired at any angle between The first feeling of every visitor to the closest and best observers of human nature, five degrees of depression and twenty-one de-The aroma of the pine and the soft rustling of who come near and have much to do with The fifteen and twenty-inch guns can be han- rapidity gives place to vigorous hauling and

The view of the magnificent oaks and other be able to give his son so good an education, an hour."

A TORNADO OF BATTLE. - A witness of the

two lines of battle, the first having been alever trod mother earth, pressed on. The sec- are made of from five to eleven one-inch plates

SPEAKING WELL OF OTHERS .- If the disposition to speak well of others, were universally prevalent, the world would become a comparative paradise. The opposite disposition is the Pandora's box which, when opened, fills every house, and every neighborhood with pain and sorrow. How many enormi-CHILDREN AND WEALTH .- Many are de- ties and beart burnings flow from this source!

itants. Every child born in the United States | Working Guns By Steam-Interesting | count had been kept, the return was corrected, | How many inches of water is sufficient to makes the nation so much the more respected Experiments on the Monitor Winners and the cerificate awarded to Mr. Rice. abroad and powerful at home, so much more Go .- Last Friday, April 20th, by invitation of When Mr. Sleeper gave notice of contest, gravelly, bench land? How many inches on wealthy and intelligent, for on the average the inventor, Major Generals Rosecrans and Mr. Rice had a photograph made of the or- sandy laid? How many upon clayey soil? each citizen produces more wealth than he Pleasantson, Brigadier Generals Ewing and iginal tally-sheet, and this photograph was and how many upon alluvial loam? I would adds to the accumulating stock of human companied by Commodore Hull, of the navy, testimony of the sun was direct and conclusive. wisdom and experience. Now a nation is but | visited the Union Iron Works at Carondelet, | The clerk made his figure 7 very much like | how many inches would produce corn and poa great family, and as we may best learn to witness a trial of the steam turret on the his 1. In counting the votes for Rice, he had tatoes in the above described localities. what is good for a nation by what is good ironclad Winnebago, invented by Mr. Jas. B. reached 573. Five more were read, the figure

They are as arrows in the hands of the mighty. these movements are made in as little time as the members. They pleaded the case them-

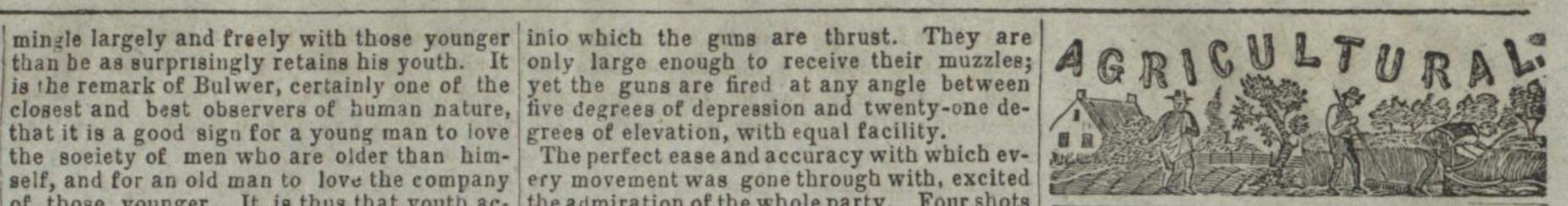
Imagine six regular lines of these giant to expand, and take the world more easily tempt to work large guns by steam, and we how the backbone is calculated to communia citizen of St. Louis. - [St. Louis Union.

> let in which he points out some differences the class now in use-cannot cruise; but they more philosophical method of yoking. have won two battles in smooth water against the Merimac and Atlanta, and are probably a match for any ships which can be brought against them in the waters they are intended | EDITOR DESERET NEWS: to defend.

votes, in one of the wards which at first gave may benefit others as well as myself, than to the maj rity to Sleeper. The miscount being apply through the agricultural columns of the discovered on the tally-sheet on which the ac- NEWS.

5 was noted over the last footing 573, and it things is of the utmost importance to comtions issued by the Navy Department, from stroke which alone distinguished the 7 from 1 Children are weak and need support when giving a discription in detail of this wonderful had been mistaken for the final stroke of the

selves, and furnished at once a novel and a



The Country Gentleman says:

The economy of the ox team is recognized There is many a father fearful he shall not guns in their turrets, and fire them three times rarely, if ever, allow him to exercise his full power. He who has not seen the rival lords low they crowd each other, the ground yields reference to his trunk, and how his neck is no retrenchments to make, but rather a power This, we believe, is the first successful at- strengthened by massive muscles, and see intended he should excercise his power through his neck and by his head. When we saddle THE BRITISH MONITORS AND OURS .- Cap- his neck and neutralize the force of his musone of the performances of the Union troops British cupola vessels, has published a pamph- tract his throat, and force him to draw with the weight of the load, in addition to nearly between his system and Captain Ericsson's. | the whole strain of the draft, bearing upon the Now came the grand coup de main. The Ericsson's turrets revolve on a single pivot, tops of the upward projecting processes of the and then we find a sort of bull-necked ox of their own; so that only four and a half having a broad mass of muscle just where the most annihilated by Gen. Emory, what re- feet of the cupola appears above deck. Erics- yoke rests, and such an animal is always mained being forced back into the second son's are turned by steam machinery. Cole's famous as a willing drawer. Then, too, if we line. But these two lines came on exultant are supported on rollers around the circum- take our steers young enough we may form a and sure of victory. The first passed over the ference, and can be moved by four different callous for the yoke to bear upon, and thus knoll, and all heedless of the long line of can- methods, all independent of machinery. He train oxen of great toughness. The simple fact nons and crouching forms of as brave men as has no pilot house on the turret. Ericsson's that a well broken team will back as heavy a load as they will draw shows that there must ond line appeared on the crest, and the death bolted together; Cole's are of a single 4 1-2 be some radical fault in their way of drawsignal was sounded. Words cannot describe inch plate. Captain Coles claims that his ing. Among other people than those of Britthe awful effect of this discharge. Seven one solid plate will not, like Captain Erics- ish descent, we have had occasion repeatedly entered this grove and saw what was prepared thousand rifles, and several batteries of artil- son's when struck, discharge a volley of bolts to notice various forms of head gear. Severfor him. Henceforth I shall believe in no re- lery, each gun loaded to the muzzle with upon those who are working the guns inside al are in use in Germany, others still are ligion that is not part and parcel of the druidi- grape and cannister, were fired simultane- the turret; on the other hand, it is doubtful if found in France and Italy. The Mexicans ously, and the whole centre of the rebel line his plate will stand as much hard battering as and Texans use head-yokes, as do also the late into human speech the psalms that are was crushed down as a field of ripe wheat Captain Ericsson's. The ports of the Amer- French creoles of Louisiana. Chain-traces, ever pealing forth from these giant harpsi- through which a tornado had passed. It is ican Monitors are closed by sliding doors supported by a strap across the back, are atchords! How long after King David ceased estimated that 1,000 men were hurried into which are somewhat apt to jam. At least tached to the plow in the usual way. Their playing upon his harp of a "thousand strings" eternity or frightfully mangled by this one an instance of jamming has occurred. Cole's heads are connected by a rope. The yoke is ports are closed by a mere mantelet or cur- a strong piece of oak bent a little like a gamtain of ropes, which is said to be shell proof, brel, padded on the inside of the curve, furnbut which would certainly not keep out a solid ished with straps by which it is attached to shot or rifle bolt. And it must be borne in the horns, and hooks and eyes on the ends for mind that a shot in the turret is almost as fa- the traces. Another common method is to tal as a shell; and that the possibility of strap one end of a straight bar to the front of either entering is the one dread of the iron each ox, and have them draw by the wagon clad sailors. Finally, Captain Cole's turret pole or by a single chain. Another way is to ships are intended to be sea-going. Probably put the bar behind the horns and attach it by they will make fair weather; but it remains means of straps and pads bearing upon the to be seen how the portion of the hull exposed foreheads. We have little doubt that the will stand the battering of three hundred available power of the ox might be increased pounder cannon. Our monitors-at least of nearly or quite one-third by the adoption of a

## IRRIGATION.

G. S. L. CITY, May 20, 1864.

Sir:-Measures are on foot for watering a large tract of land on the south-west side of PHOTOGRAPHIC EVIDENCE IN AN ELEC- the Spanish Fork, and also on the north side

> secure by irrigation a crop of wheat on also like to know how many inches of water per week would produce a crop of cane? and

> An approximate knowledge, at least, of canals for irrigation to enable them to estimate the value, extent, expense and probable

> A knowledge of these things possesses no insignificant importance, as I understand it. Very respectfully, a novice in matters of

IRRIGATION.

Some of our out-side-city, sound, practical submit the queries to them, and shall be pleased to publish replies to "Irrigation."-[ED. NEWS.