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VOLUME FOURTEEN Begins September 11th, 1858. Mechanics, Inventors, Manufacturers, and Farmers.

THE SCIENTIFIC AMERICAN has now reached its Fourteenth Year, and will enter on a New Volume on the 11th of September. It is the only weekly publi-cation of the kind now issued in this country, and it has a very extensive circulation in all the States of the Union. It is not, as some might suppose from its title, a dry, abstrase work on technical science; on the contracy, it so deals with the great events going on in the scientific, mechanical and industrial worlds, as to please and instruct every one. If the Mechanic or Artizon wishes to know the best machine in use, or how to make any substance employed in his business—if the Housewife wishes to get a recipe for making a good color, &c .- if the Inventor wishes to know what is going on in the way of improvements-if the Manufac- and many other articles not necessary to mention turer wishes to keep posted with the times, and to emfound in the Scientific Angaican, and not elsewhere. They are here presented in a reliable and interesting farm, adapted to the comprehension of minds unlearned in the higher branches of science and art.

TERMS:—One Copy, One Year, \$2; One Copy, Six months, \$1; Five Copies, Six Months, \$4; Ten Copies, Six Months, \$8; Ten Copies, Twelve Months, \$15; Fifeen Copies, Twelve Months, \$22; Twenty Copies, Twelve Months, \$28, in advance.

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13" Messrs. Munn & Co., are extensively engaged in procuring patents for new inventions, and will advise inventors, without charge, in regard to the novelty of their improvements.

Office Neuse Manufacturing Company. Raleigh, June 3d, 1858.

THIS Company continues to pay 31 Cents par pound for Cotton and I men RAGS-delivered at Raleigh, or at their Mills six miles east of Releigh. H. W. HUSTED, Treasurer.

NOTICE.

N pursuance of authority given to me by the will of John Neely, deceased, I shall offer for sale, at the Conri House in Hillsborough, on Monday the 23d day of August next, being Monday of Court, the house and lot where James S. Watson now lives, on a credit of nine months, the purchaser giving bond and good

socurity. SQUIRE D. UMSTED, Ex'r. By J. W. Norwood, his Attorney.

August 4 BOOKS, STATIONERY, &c.

TINE BIBLES, Prover and Hymn Book, Memorandum and Biank Books of all sizes, Letter and Note Paper, and Envelopes, Osborne's Water Colors and Toy Paints, Fine Playing Cards, Dominos and Backgammon Boards.

Fancy Articles of all kinds. Fine Hair, Tooth, Paint, Shoe, and Horse Brushes, Ladies' Rubber, Drewing, Bonnet, and Puff Combs, Fron and Course Combo,

Ruiber Head Bands and Hair Pins, Morrocco Travelling Bags, Sifk and Bead Punes, Part Monies and Pocket Books,

Sewing Birds, Teething Rings, and Rattles,
Metal Puff Boxes, Toy Locomotives, Patent Gun
Wads, Toy Whips, Fishing Lines and Hooks,
China and Wax Bubies and Doll Heads, Tape MeaHerds Grass. sures, Frangipanni Satchels, Soaps, Pomade, and Perfumer; also Bazin's and Hau el's Toilet Soaps, Perfumers and Pomades,

China Candle-sticks, Flower Vases, Motto Mugs and Rice Powders and Sitty White, for the Skin, Violin and Bango Strings, and many other articles,

just received and for sale at the DRUG STORE.

STATE OF NORTH CALOLINA, ALAMANCE COUNTY. In Equity-Original Bill. John H. Clapp,

John Tabscott, Sheriff of Alamance county, James G. Moore, John Holt, Williamson Holt and James M. Clapp.

IT appearing to the extrefaction of the Court, that Williamson Holt and James M. Clapp are not residents of this State, it is therefore ordered that publications of this State, it is therefore ordered that publications. tion be made in the Hill-barough Recorder for eis If not, e-il upon the subscriber, who is Agent for the weeks, commanding the said Williamson Hoft and Green between Commanding the said Williamson Hoft and Green Comman James M. Clapp to be and appear before the next term of this Court, to be held in the town of Graham, on the 8th Monday after the 4th Monday of September next, to answer, plead to, or demur to said bill of con

Price odv. \$4 50

JUST RECEIVED.

WHITE Wine Vinegar, Superior Syrup, Blasting Powder, Sale Leather, Kip Skins, Jones & Hudpon's Snuff, Wheat Cradles, Pepper, Capal Varnish, Glue, Lintseed Oil, Tanners' Oil, and other Gools, cheap for Cash. Also, Bacon Sides, Shoulders, Jowls, and Hams.

New Style ENVELOPES, for Ladies' correspon-

JAMES WEBB.

FOR THE LADIES. WE are now receiving some beautiful Bonnets and

Rattan and Brass Hoops, and an entire new article of Skirts.

Prench Corsetts, Bonnet Combs, Parasols and Fans, French Corsetts, Bonnet Combs, Parasols and Fans, Flats. Embroidery Patterns, Missee' Flatts, Shaker Honds, white and colored,

J. C. TURRENTINE & SON.

CHOICE CALP SKINS, Shoe Thread and Shoe

J. C. TURRENTINE & SON.

RAGS! RAGS!!! RAGS!!! RAGS WANTED, by
J. C. TURRENTINE & SON.

SCIENTIFIC AMERICAN. New Fall and Winter Goods. THE subscribers are now receiving from New York an entire stock of New Goods, embracing a general variety of all kinds of goods usually kept in this mar

Prints, Alpacas, English and French Merinoes, Shawls, Hankerihiefs

and Bonnets, Cloths, Cassimeres and Vestings, Hardware, Glass and Queensware,

AND GROCERIES

BISAIDTMADIS OLOWBING which have been bought in New York very low, en-

W. F. & T. J. STRAYHORN.

India Rubber Goods.

RUBBER DRESSING COMBS, Rubber Pocket Combs, Rubber Round Combs. Rubber Side Combs, Rubber Puff Combs. Rubber Hair Pins.

Also, Bonnet Combs, a new and excellent J. C. TURRENTINE & SON'S.

READY-MADE CLOTHING. HAVING made this a distinct branch of trade, we

Over Conts, Business Coats, Black Frock Coats,

favor us with a call. We shall keep our stock renewed from time to time. Call and exam J. C. TURRENTINE & SON.

CRINOLINE -- Expressly for Skirts, Embroidered Skirts; also, Brass and Whalebone Hoops, and J. C. TURRENTINE & SON. September 16.

TOW CLOTH! OW CLOTH WANTED, by J. C. TURRENTINE & SON.

TOBACCO AND CIGARS. 3 BOXES FINE CHEWING TOBACCO, 2,000 Extra Fine Cigars, just received and for sale

Cheap Cooking Wines and Brandy. MALAGA WINES, SWEET WINES.

DRUG STORE.

PRENCH BRANDY. DRUG STORE.

GRASS SEEDS. Herds Grass, Lucerne

Timothy, received and for sale at the DRUG STORE. December 16.



March 12.

Fire and Life Insurance.

Is your Life insured ! Is your Negro insured ! Greensborough Companies.

THOMAS WEBB.

THOMAS WEBB.

HOUSE and LOT for Sale. I offer for sale, on accommodating rms, that desirable House and Lot on Queen Street, now occupied by Mr

Washington. THOMAS WEBB.

A CARD.

D. ROBERTODN, DENTIST, HAVING located in Chapel Hill, respectfully offers his professional services to the citizens of the town and surrounding country. He can produce satisfactory

IT Dr. R. will be in Hillsborough the fourth week n each month, also Superior Court weeks, and oftener without extra charge) if requested.

August 19. Kerosean Oil, and Lamps J. C. WEBB & CO. For sale by

July 5. 50 CASKS of LIME for sale low for Cash. Also COPPEE, Stuart's SUGAR, and many other

esezonable articles.

BURAL BEOMONY.

" May your rich soil. Exuberant, nature's better blessings pour O'er every land."

From the S. C. Farmer and Planter.

Lessure and Study wishes to keep himself familiar with the progress made in the chemical laboratory, or in the construction of telegraphs, steamships, railroads, respects, and at housand other machines and appliances, both of peace and war—all these desiderata can be found in the Serratric Arrange for Goods.

Lessure and Study wishes to keep himself familiar with the first of the cash of the chemical laboratory, or in the common salt. This will have known was stump, and fill with common salt. This will have known was all out, or views a man may, in time, grow to their advantage, and it is that they can kill the living principle to the utmost extent visible upon our own boat, and away we tred, but in the common salt. This will have killed to their advantage, and it is that they ought long ago to have known was all out, or views a man may, in time, grow to their advantage, and it is that they can kill the living principle to the utmost extent visible upon our own boat, and away we tred, but in the common salt. This will have killed to their advantage, and it is that they ought long ago to have known was all out, or views a man may, in time, grow do their advantage, and it is that they ought long ago to have known was all out, or views a man may, in time, grow to their advantage, and it is that they ought long ago to have known was all out, or views a man may, in time of the roots. The best time probably would visible upon our own boat, and away we tred, but in the common salt. This will have clear at mosphere—an extra turn or two was all out, or views a man may, in time. The view was the first of their advantage, and it is that they ought long ago to have known was stump, and fill with common salt. This will have clear at once—a stump, and fill with common salt. This will have clear at once—a stump, and fill with common salt. This will have clear at once—a stump, and fill with common salt. This will have clear at once—a stump, and fill with common salt. This will have clear at once—a stump, and fill with common s said, that persons are always justifiable in for years. acting in self-defence, and Planters begin to find out that the manuring system pays very finely, and they see every year nable Journal, the American Agriculturalist, that their lands are getting the worse of wear, We should be glad to know that it was exor is wearing out from being planted and not tensively circulated among us, great deal of trouble. Admit it, I will ask and as many such fields will have to be any person to say if he ever got anything bloughed for wheat, and other fail crops, it without trouble to obtain it. I have never becomes a matter of much importance to devote particular attention to it, and keeping a And another reason why the planters are get. the way of the harrow and drill. An excellarge-stock of all kinds of We are enabled generally to fit and please those who cotton to the hand, and they are obliged to plow, just before the share, and confining it stable manure, is, to apply it all to their tell us of a better way ! cotton, and under the list, which is the best way that I and every other planter have tried, three to four bushels to the tisk row, and I and boil it a few minutes. am now satisfied that it is the only way to manure to be benefitted by it. Then follow cotton land, or land that has been planted in cotton and manured, with corn, and by duing that you can make fine corn, and thus get both a crop of corn and cotton off the

to the hill, to any crop.

land, leaving it a great deal better than it

was before you began to maoure it. This is

a system that is pursued among us, and it is

the only way to be benefitted by manure, for

it is doing nothing, or it is throwing away

manure and time to apply compost manure,

W. BA.

DEEP CULTIVATION. Æsop narrates the following fable: A Kentucky Blue Grass, just husbandman dying was desirous that his two sons should continue his business. He called them to his bedside and thus addressed them: " My farm and its treasures I bequeath jointly to you as your only patrimony. I charge you never to sell it, for somewhere in the ground, within a foot of the surface, there are treasures boried." The sons concluded he talked of money which was hidden there; so, after their father's death, with unwearied diligence they carefully dug every inch of the farm. The treasure they expected to find was not there, but the ground being well-stirred and loosened, brought forth so bountifully that it proved a real treasure. Few farmers are aware that underneath their visible acres lie others equally valuable. The man who does not improve property to its utmost capacity, is slothful in a moral sense, if not in a physical, That the products and profits of the first American farms can be doubled by deep cultivation, entered.

Witness, Isaac Holt, Clock and Master in Equity
for Alamance county, at office, this the 12th day of
July, A. D. 1858.

ISAAC HOLT, C. & M. E.

PUR SALE,

judicious rotation and high manuring, is unquestionable. If the best American farms
can thus be increased in profit, how much
tween the store houses of Milana & Hanner and Al
price als \$1.50.

Price als \$1.50.

Price als \$1.50.

Price als \$1.50. more pleasant and profitable than a great farm carelessly ron over. Labor and industry well applied to agriculture seldom fail of a N. C. Planter. reward.

PEACH TREE BOREE-TANKY .- We saw it stated two years ago in an agricultural journal, that these pests could be driven from one of them have been disturbed, whilst others are injured. This spring we intend planting it around all. Newberry [S. C.] Sun.

GOVERNOR WISE ON HORSE RACING. - GOVER-

46- The thorough-bred stallion crossed on the "grace before meals."

and for years after being cut down, to the mouth of the Kentucky river. The cards ations of genius, as by the fascinations of great plague and trouble of the owner of the soil, keeping him digging and grubbing, to remove the sprouts to the detriment of his crops and his own patience—such, for in-stance, as locust, poplar, gum, and others. to note the progress of events.

Our "bully boat" sped away like a bird, diminishing the gentleness and property of Tion.

To prevent this, all that is necessary, after cutting down the tree, is to bore a hole, say Planters generally are beginning to find out the plant the cutting down the tree inches down into the plant. The "fat was in the fire" at once—a asm." tion in this way: I think they say, or it is others that I did not salt kept me grubbing clearly gaining on us. "A craft like ours, "is the only divine right a man can acknow-

We copy the following from that most val-

manured. Not only this, but they find that How to Plow under Tall Weeds .- Where one acre well manured, will make as much weeds have not been kept down by other as three acres not manured, notwithstanding crops, or by pasturing, they have, as might a good many Planters say that manuring is a be expected, made a most luxuriant growth; yet met with a Planter that is in the habit know how we can best turn- them under of manuring, who does not say it pays finely. With the plow, so as to be completely out of ting in the way of manuring is this: They lent way to do this, is to fasten one end of a have got through clearing the most of their heavy log-chain to the end of a double-tree to land, and now they must either make manure which the harrow or off-horse is attached, or move West, for they must make so much bringing the other under the beam of the manure to do it. When I speak of planters there. The chain should lag enough to touch getting more in the way of manuring than the ground, or nearly so. A little practice they used to, I am alkeding to the planters will teach how tight it should be. By this in my immediate and some adjoining neigh-borhoods, and the plan that a good many and completely covered by the furrow-slice adopt with their cotton seed and compost falling on them while there. Will somebody

Pickleb Danson - Boil together three and the reason why we apply it under the pounds of sugar, one nunce of cloves, one list for cotton, is, because we get two crops ounce of cinnamon, and one quart of vinegar. deck had by this time become intense, and from the same manure. In manoring with Seed seven pounds of fruit, and pour the cotton seed we put one peck to the task row, boiling syrup over it. The next day scald which will make fine cutton on poor land; the fruit and syrup together, and if the syrup and compost or stable manure we put from should not prove thick enough, pour it off,

Peterson's Magazine.



A MORNING PRAYER.

Those streaks upon the wall Denote moother day. Oh, that to me might fall No sin this day. I cannot hope, oh Lord, That thing to say When conscience shall recall, But still may humbly pray Thy pity, Lord, And not thy sword,

Attend my erring way. Not for this sinful self alone, Oh Lord, my prayer? In thyldese loving kindness hold She whom Thou gavest me, to be The dear consider of my life.

My tender and devoted wife, And all the precious fold Whom thou hast trusted to our care; Those " little ones," Of whom thou spak'st, oh Lord, Of whom thou spak'st the gracious word

Father! for these and all thy sons, For all thy children of the earth-Poor, weak, forforn-Thy bounteons grace and pity give, Whilst still below we live ; And, in the resurrection morn, Ghel triumph in immortal birth.

To being them unto thee.

Granada, Nicaragus, Oct. 28, 1857. THE CAPTAIN THAT WOULDN'T RACE.

BY THE YOUNG 'UN.

peach trees by tansy. We planted it at the ishing city of Cincinnati. Gilt edged covers down the Ohio, under a head of steam up to what is properly his due. If he neglects doroots of some ten or twelve trees, and not enveloped the captain's "respects," accom- 54,40. nor Wise declines to attend the great horse floating palace, which has since maintained the question. In attempting to right my of proper folialment of this principle has best show at Springfield, Massachusetts. In his her repute untarnished as the "crack boat" I discovered that my hair stuck out so straight to many, future, fame and reputation. On " It has been said that nothing else than Your humble servant was among the invited within six inches of the pillow.

horse-racing will improve and keep up the breed of fine blooded stock. I am not willing to believe any such thing. Improved craft, in close communication with a score of somewhere else!) but we got on flucly. agriculture and the wealth it produces will, unquestionable beauties. The company prov- led our rival half an hour into Louisville, and in my opinion, do far more for the horse than col to be a beterogeneous conglomeration of I immediately swore upon my nightrap, that dunned, and equally unpleasant to dunn other ever the turf did. Race tracks, with a fash- character-made up of editors, lawyers, and I never would accept an invitation for a people; nevertheless excumstances someion for the sport of racing among the leading anctioneers, indescribables and "fancies"— pleasure trip from a steamboat captain who times require that we submit to both 1 but we would be sorry to get " wrathy " at a man and dwindle the horse to a pony. The fine was a stray parson, too, in the crowd, but as blood ought to be kept pure, in order that it his leisure time "between meetings" was may be crossed on the large and coarse stock. spent in trading borses, dispensed with his ty of refined and charming women, says : fly in a passion when we demand a small bill,

large Canestoga mare until the cross attains | We left our moorings an hour before sun- al, exercises a great in three-quarters of the blooded stock is superi- set, upon a clear cold afternoon, and passed of the mond, even if it does not produce any or, I think, to the Cleveland bays of England. rapidly down stream for a considerable dis- more violent effects. It refines taste, muck-A venerated friend, Alexander Reid, Esq., tance, without any strange occurrence. The lens the perceptibilities, and gives, as it were. now no more, of Washington county, Penn- "son of temperance" and parson aforesaid a grace and flexibility to your intellect." sylvania, introduced that cross, and I com- amused themselves over a smoking whiskey Some where else the same writer remarked mend it to every man who knows how to toddy-the" boys" were relieving each other that, " Men are as much stimulated to offert make 'a spire of grass to grow where one of their superfluous dimes and quarters at by the sympathy of the gentler sex, as by never grew before." when he was sober, stepped suddenly into the more disposed to appreciate worth and intel-To Pagvent Sproves -- Many trees are cabin with the information that a well-known lumbual superiority than men, or at least, they liable to throw up sprouts for yards around, " fast boat" had just hove in sight at the are as often captivated by the noble manifest-

musn't be beaten. stern, and we could count her passengers, a the New York Journal of Commerce, it apsort of impression came over us that by some pears from the British official emigration re-

stairs and take another drink. the mourners stepped up to him with-

"What speed cap'n ?" "Fair, gentlemen ; I think it is very fair." the paddles.

"Now we move again." " Some," was the response, and a momentary tremor pervaded the boat as she slid;

along right smartly. But the craft in our rear moved like our shadow on the calm waters, and as we shot down the river, it seemed as if we had her will satisfy me? I look at the rich, and I in tow so calmly and uniformly did she follow in our wake.

The excitement of the congregation upon it was pretty plain that the hoats must shortly. part company or split something! The ras- he was exulting in his heards. cal behind us took advantage of a turn in the hove off and suddenly fell along side of us. The parson went below at once to put his

threat into execution, as we came up the current again, " neck and neck," and when he returned were running a twenty-five knot it is Satan's hed into which he casts his slaves. lick, the steam smack on to 46 degrees.

an auctioneer to himself. "A perfect nonsuit," remarked a lawyer to his friend.

"Beaten, but not vanquished," added a for a half a mile. " Wouldn't she bear a leetle more," meek-

ly asked the parson. " She's doing very well," replied the capboat is a new one-her reputation and mine must meet God, I must meet eternity." is at stake. We musn't rush her-racing always injures a boat, and I am adverse to it;" saying which he applied his thumb and finger to the brass knob again-the bell tinkled in the distance-and our rival pilot following recorded observation of a shrewd shortly had an opportunity to examine the writer:

architecture of our rudder post. the engine room -

turn, ch ?" "I rather think she moves some as it is,

said Tim. her a little, my boy, just for-

some ?"

did labor prodigiously.

"look there; mum's the word you know." I stepped out of that engine room Tim qualified to discharge the daties of the home-said afterward, that I sprang out at one work of education." der upon the connection pipe had melted and To Everyses Mrn.-Every basiness man

sion. It was a grand affair, this debut of a to compose myself to sleep. It was out of he has the mentiones to claim it. The lack par excellence upon the Western waters, that it was impossible for me to get my head castonally a customer, who is less a gentle-

"It is an acquaintance which, when habite-

has successfully cultivated her mind, without

with such a company and such a captain, ledge, and a pretty woman the only tyrant

he is not authorized to resist." As the boat behind as fell in under our According to the Paris correspondent of mistake, we had got upon the wrong hoat! port that during the last forty-three years, At least that was the expressed opinion of our Republic has been the destination of the parson, as he threatened to go down three millions of emigrants from the United Kingdom, more than balf of the entire emi-Our captain was a noble fellow-he paced gration of the period; the greater part Irish. the deck quietly, with a constant eye to the Last year, twenty-six per cent, of the Irish windward, but he said nothing. A bevy of emigrants went to the United States. The reputtances from the Irish emegrants in our Union, to their relatives and friends remaining behind, amounted for the last ten years, responded the captain, as he placed his hand according to information collected by the Emupon a small brass knob at the back of the igration Commissioners, to nearly a million to by the faint jingling of a bell below, fol-lowed immediately by a rush of cinders from sent by private hands, or through merchants the smoke pipe, and an improved action of or bankers, from whom no returns were ob-Jamed.

WHAT IS HAPPINESS. " Every thinking man," says Cecil, "will look around him when he reflects on his situstion in this world, and will ask, what will suit my case? What is it that I want! What see that in the midst of all his riches, sick at heart for a garden of herbs. I see Dives, after all his wealth, lifting up his eyes in hell, and begging for a drop of water to cool the rage of his suffering. I see the moment when

" If I look at the wise, I see Solomon with channel and " helm a starboard !" was clearly all his wisdom, acting like a fool; and I know heard from the lookout of our rival, as she that if I possessed all his wisdom, were I feft to myself, I should act as he did. I see Abithophel, with all his policy, hanging him-

" If I forn to men of pleasure, I see that "She's going-going-go-" muttered of notions selling his birth-right for a mess joyments, leaving his name a scandal to the church to the latest age. If I think of honor, I take a walk in Westminster Abbev, there is an end of all inquery. There I walk among politician; and away we scudded side by side the mighty dead. There is the winding up of human glory. And what remains of the greatest men of my country? A beasting

None of those things can satisfy me. I tain. "Don't get excited, gentlemen; my must meet death, I must meet judgment, I

> That it is the mother who moulds the man is a sentiment beautifully illustrated by the

" When I lived among the Chactaw In-I was acquainted with the engineer. I dians, I held a consultation with one of their stepped below (believing that we should be thield, respecting the successive stage of beaten at our present speed.) and entering their progress in the arts of civilized life, he engine room - and, among other though, he informed me that, "Tim, we'll be licked-give her another at their first start they fell into a great mistake-they only sent their boys to school. These boys became intelligent men, but they married openincated wives, and the uniform "Yes, but the C- is hard on us-give result was, that the children were all like the mother. Thus the father soon lost all his "Stay in here a moment," remarked Tim, interest in both wife and children, "And "it's all " mum" you know-nothing to be now," said he, " if we would educate but one said, he? Quiet-there leadon't she tremble class of our children, we would choose the girls, for, when they become mothers, they I noticed for the first time that our boat would educate their sons," This is the point, and it is true. No nation can become fully "But come round here, contined Tim; and permanently civilized and enlightened when the mothers are not, in a good degree,

Early in the spring of the last year, a run down over the seams in a mozen places, and mechanic, who has a proper appreciation magnificent new steamer was launched upon from the excessive heat-a crowbar was of the true mode of doing basiness, nogit to the Ohio river, and shortly afterwards made braced athwart the safety valve with a fifty- have impressed upon his memory the fact that her appearance at the levee opposite the flour- six upon the end-and we were shouting no man should be desicate about asking for ing so, he is deficient in the spirit of indepanied with the invitation to "see her My sleeping apartment was well aft. I pendence which he should observe in all his through" upon her first trip, being forward- entered the state room-gut over upon the actions. Rights are rights, and if not granted to the editorial corps in that vicinity, the back side of my berth-and stuffing the cur- ed, should be demanded. The selfish world chalked hats were "numerous" on the occa- ners of the pillow into my ears, endeavored is little inclined to give him his man, unless man than an operact, puts on baughty airs and affects to be insuited at being dunned for money that he ought to have paid hour before. No matter. The laborer is worthy of his love. We know it is unpleasant to Li because he asked us for his own, and we Wones .- D'Israeli, speaking of the socie- think a man very small patatoes, who will