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The Publishers of the FARMER AND MECHANIC will present a fine, healthy Devon Calf, raised upon the farm of a prominent officer of the North Carolina Agricultural Society...

Experimental.

The use of Dynamite for Clearing Land.

[From Elmira Husbandman.] John O'Donnell.—My visit to the Club has not been made for the purpose of imparting knowledge...

Not long ago we had a practical test of dynamite, or giant power, as it is called, in extracting stumps and breaking rocks...

The cotton gin, a little buzzing thing that a strong man can take upon his back, gave to us the monopoly in the raiment of the human family...

Another trial was with a sound stump, about twenty inches in diameter. Better care in placing the cartridge was rewarded by a clean lifting of the stump from its bed.

We succeeded better in breaking rocks. A cartridge placed under a rock weighing perhaps two tons, shattered it so that the pieces could be moved easily...

An important consideration is the cheapness of the material. A cartridge sufficient for breaking a large rock or lifting out a stump costs not more than eleven or twelve cents...

There does not appear to be so much danger generally attending the use of dynamite as people generally suppose. It is said that boxes of cartridges may be broken open by a sledge without risk...

ing loosely, without restraint, fire may be applied without danger—the substance burns with a slow fizzle without explosion...

The experiments I have seen and made induce the belief that dynamite must become a useful agent in clearing land of stumps and rocks...

The Wants and Benefits of Agricultural Machinery.

How far handwork can be superseded by machinery in the nicest and most complicated operations of labor as well as in the quantity performed...

With no shoe to fill, no eyelid weary, no little fingers sore, and toys on the shelf; That you are at liberty to go and play, While this does all the work itself.

Seventy-five years ago a ship from Charleston arrived at Liverpool with about ten of our present bales of cotton on board as part of her cargo...

At the time of the seizure of the Charleston vessel, cotton was known as an article of commerce in India and the East only; and its consumption was about one cent per head of the human family...

We have the climate, soil, means of transportation, and the intelligence which is more than a match for the world, within ourselves...

In our latitude it takes ninety days for the cultivation of a crop of cotton. We keep pace with its growth tolerably well with our present implements and machines...

It is said that boxes of cartridges may be broken open by a sledge without risk. The cartridges used in these experiments were broken to suit the operations. The danger is in the caps. If one be exploded two feet from a cartridge, without connection, it explodes that too...

The uncomfortable position of neither standing nor sitting, but stooping, with aching back in the burning sun—with no variety to that which idiots and asses can do with more alacrity...

We ride along the road and have seen the little patch, in corners of the garden, spread by the gin over all the fields and hills, as far as the eye could reach, as white as snow with the fleecy staple...

There is neither reason, sense, argument, nor fact why this should be. It is just as easy to pick the cotton from the stalk with machinery, as it is to pick the lint off the seed by machinery...

Miscellaneous.

Animals and Human Speech. Animals have much more capacity to understand human speech than is generally supposed. The Hindus invariably talk to their elephants...

Open Windows. "Windows open more would keep doctors from the door." A very large quantity of fresh air is spoiled and rendered foul by the act of breathing...

Henry Ward Beecher is said to be a good judge of beverages, of which he is a temperate but critical drinker. It is natural, therefore, that he should express the indignation that he felt on reading a New York firm's pamphlet on adulterations...

A seventeen-year-old San Francisco lad stabbed his mother seriously the other day because she didn't have his breakfast ready when he wanted it.

Concord Register: Mr. A. Josey and Miss Williams, all of Rowan, fled from parental shelters to the matrimonial fold a few days ago, cause, Josey wanted a wife, the young lady wanted Josey, and her Pa "waited" her for annuity, the injured lovers fled for refuge to a magistrate and were married.

The New Apportionment of Judges.

The cutting down of the Superior Court Judges from twelve to nine in number, will make considerable changes in their apportionment. The reduction is made by electing only three judges in the place of the six whose terms expire...

Table with 2 columns: District, Judge. Lists judges for 1st through 12th districts.

After the first Thursday in August the new apportionment takes effect, and will stand as follows: 1st District, Judge Eare...

The star of Henry Ward Beecher seems to sink, falling surely, if slowly, to its setting. The vigor of the man was wonderful, he must all admit, in his long fight against that fatal indictment...

John Bright is opposed to England's intervention in the Turko-Prussian war. Three hundred head of cattle were burned to death in a fire at Terre Haute, Ind., on the 13th.

A Bardstown (Ky.) young man took his forty-year-old step-mother over into Indiana and married her the other day.

Wilmington Star 20th: A gentleman from Onslow county, who was in this city on Friday, stated that there are two New York schooners, with a supply of ice on board, now lying in New river, and sending runners up and down the river to all the various fisheries to buy up the trout as fast as they are caught.

President Hayes rises as early as 6 o'clock, and devotes eight or ten hours a day to routine work at the White House. Before breakfast, between 8 and 9 o'clock, he reads and writes private letters, and then devotes an hour to instructing his secretaries.

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The Northernian calls the attention of Hon. A. M. Waddell, chairman of the Postal Committee, to the fact that a post-office and route had been petitioned for several times by the people of Pamlico village, in Pamlico county...

PROFESSIONAL. DR. RICHARD H. LEWIS, Late Professor of Diseases of the Eye and Ear in the Savannah Medical College.)

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