FARMER CUTTING, OF LONG ISLAND AND HIS COW SHED.

When Completed, it Will have Cost Sta Owner \$36,000, and Will be the Ein-est in the World-How it is laid out From the Ground Floor to the

About a mile from Onkolog. In I, Farmer Cutting has his fermi and just new the chief topic of conversation among the farmers on the Island is the new new seed in process of erection on

after the owner and the architect to

his property.

So Affer the owner and the architect to gether had settled on the site, the latter was the had settled on the site, the latter was the had settled on the site, the latter was the stand and this is what it is like?

First of all, of course, was the arrangement for covering the cattle. Some property of the settle was to be considered in building a cow shed, but they can learn something if they will go to Oakdale and look at this same farmer Cutting had twenty odd Jersey lows and a Jersey bull, besides some neifers, and he reckoned he wanted twenty-eight stalls for the cows and young stock and one for the bull. To provide these the architect laid out a reem 38x6 feet large. Down the center and across the middle he laid out driver ways so that Farmer Cutting covid driver gift through it in four directions and dump off food at will. This space, was laid out for stall for covering the feet laid out a secondary of the result of the secondary was the feet laid out for stall for cover and young stock. On the nor laws we will be feet laid out a secondary will be feet laid out the feet laid out the secondary was the feet laid out the feet laid out the secondary was the feet laid out the feet laid out the feet laid out the secondary will be feet laid out the feet laid out the secondary will be feet laid out the feet laid out the secondary will be feet laid out the secondary will be a recondant will be secondary will be a recondary when the secondary will be a recondant when the secondary will be a recondary when the secondary will be a recondant when the way we want to the secondary will be a recondant when the way was the best of the way was the best of the way was the secondary will be the secondary will be a recondant when the way was the secondary will be a recondant when the way was the secondary will be the secondary will be secondary will be a recondant when the way was a secondary will be a recondant when the way was a secondary will be a recondant when the way was a secondary will be a recondant whe

actually shalter the more shed that was to actually shalter the more as a standard shalter the more shall be a standard shalter the country of the shelter and part of the same of a few of the shelter and part of the same of a few of the shelter and part of the same of a few of the shelter of the ground. I have a shall be a few of the shelter propose. The front wall of this structure which is, of course, a part of the shelt is of brick. Then there is a big circularistic that the shelt is of brick. Then there is a big circularising from the second cary at the their book will be supended a tackie by which feed can be huisted to the second starty, which will be used for storing train. One corner of this front above, wherein will be huisted to the second starty, which will be huisted to the second cary and the hood is hashioned into a tower, wherein will be huigh a 2-inch belt to all the boys vited if did for gold to many into the pasture after the covers and his into the pasture after the covers and his had him to be pasture after the covers and his had him to be pasture after the covers and his had him to be pasture after the covers and his had him to be pasture after the covers and him to a square town in the further placed a big of each to be a great hell and the covers and



and the proof of our property of the proof o Aguare across the totler rion sind of the rion sind of the company is to say, in the south churning room, de p Right sect from all grown and destroy 3 fleets.

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FOWL SUPERSTITIONS.

Beliefs and Customs for Which De

Beliefs and Customs for Whitel Dementing the Poultry are Responsible.

Grosse tells us that it is unflight to set one mappie and afterward several others; but, on the other hand, if two mappies are seen it is a sign of an appreciating wedding; three, of a prospector's fourney, and four, that some good news, will de received. Another anthority, satisfant a wedding is presaged by three masples, and a death by four; and according to an icld. Scotch rhyme quoted by Dr. Brewer.

**One-assorow.two's mist, of the control of the cont

ment for a well-known adage asserts, that a whistling maid and a crowing Red Are the the good for dod or man.

The cock, however, can crow to his heart's content, so long as he does it at reasonable times and the people living; around do not object to the noise, in fact, it is as well, perhaps, that he should crow, for it is an acknowledged fact that by his voice all respectable ghosts are regulated, and that at the first sound of "cock, a-doodle-doo", they must cease wantering among the living and hastle back to Hades.

It is said that in Persia the crowing of

The boller to a man as a wooden floor Beneath is a committee with the standard and the stan municative of the state of the

A VINE-DRESSERS' FETE

to Occurs Only Four Times Every

In the Festival-Various Theories and Speculations as to the Origin of the Fets.

A few days since the little town of Vevey, properly called the queen of Lake Leman, changed her every day gart for her holding finers, deadle any gart for her holding finers, deadle any gart for her holding finers, deadle any gart for her are several theories as to the origin of this tete, one being that it dates back to the twelfth century, with the old Benedictine Monastery of Haut Oret, as this convent possessed large (fineyardsin the heighthorhood of Vevey, and its inmates were known to be jovially method. This theory is based upon the flut, that the president of the Conferrle, or brotherhood of vine-dressers, still bears that the president of the Conferrle, or brotherhood of vine-dressers, still bears that they greated the flut that the ven dates from the Roman arm of the ground that flucchus and other gods appear in the feto.

No mention of the celebration is, however, to be found in history before the seventeunth contrary, although at that time the Conferrle were found to be in possession of certain privileges, granted at a much earlier date. It is to be supposed that the documents relating to its gageent listery perished in the flames that destroyed the greater part of Vevey in 1688; and judging from a register still in the possession of the brother hood, 1536 seems to be about the period of the establishment of the custom of defebrating the first successful vintage by a feto which would have thus existed for three centuries and a half.

It was only in 1797, however, that the Rate, was organized upon the same lines as that of this year. It has since been held in 1819, 1853, 1851 and 1865. In 1851 the eased to be simply a pastoral festivity and began to attract visitors from all mars a, nearly, \$15,000 being expended on

by his voice all respectable ghosts are regulated, and that at the first sound of "cock, a doodle-doo", they must, cease wance ing among the living and hasta, and that in Persia the crowing of the said that in Persia the crowing of a cock, is accounted, lucky, or otherwise, a cocking to the time at which it is heard, and should any inisymided fowl so far forgot himself as to know at multicky hour, he is forthwith killed, for histograms—a custom, it is to be aboud, while has its proper moral effect on the Persian poultry.

Forthurately for the present generation, the cocks of a medern farmyard, are not in the habit of haying eggs. In older times, however, they do not appear to have been so considerate, and another poultry where it is a standard poultry is experiently much anxiety in cosequence, for they held in to be a well-authenticated that has cocks egg hatched by a viper would product a cockarice, which was a more standard and the first poultry which has a many market place of very which as a cock go a super would approduct a cockarice, which was a more standard poultry keepers suffered much anxiety in cosequence, for they held in the group of Pales, representing that it would kill a man by merely looked in gath him.

THE CITY OF PIERIX.

It is a Big Drappolitiment in the True—

The CITY OF PIERIX.

The CITY OF PENIX.

It is a Big Disappointment in the Traveler of the second of the se

are amore silver in this and a significant of the control of the c while had he will be a compared to the father in the compared to the compared

HOW THE NAVY PAYS FOR 1CE.

Cone Bill Requires One Hundred and Seventy-eight Vouchers.

The havy department is something like a man having a coat with eight-pockets in it. The department consists of eight bureaus, each one having separate appropriations made by congress for the purchase of everything it requires. There is one thing that every bureau has an appropriation for, and that is the tem of ice. The contract is let every year, and each office in the navy yard at Mare Island is allowed a certain quantity. Of course, it is all paid for out of different appropriations. Last year the contract was let to a party in Valleje, and the Valleje (Cal.) 'Chronicle' explains the modus operandi of payment.

The contractor is paid for the ice on the 30th of December and the 30th of June of every fiscal year. As there are eight bureaus it requires eight sets of public bills, each set consisting of five vouchers. These vouchers must be signed by the senfor members of the beard of inspection that the lee was of good quality, etc. Then they go to the general storekeeper for his certificate that he received the lee and that it was according to contract. Then they go to the general storekeeper for his ertificate that he received the lee and that it was according to contract. Then they go to the general, who approves, and then sends them to the navy pay office at San Francisco, the contractor in a few days getting his money.

Our readers will see that paying for the ice for the first half of the fiscal year it required forty vouchers and 200 signatures; and this is not all nor half, when the ice is received it must be invoiced to the heads of the eight different departments, and these vouchers are in triplicate and require three signatures each, Thus it will be seen that there must be twenty-four vouchers and seventy-two signatures deaded to the number mentioned. This is the routine gone through again on the 30th of every Becomber, and the same thing is gone through again on the 30th of sure produces to be added to those already mentioned; so, taking it

STORY OF EDWIN BOOTH.

STORY OF EDWIN BOOTH.

Here the Played the Banjo for His FarItier and Forrest to Dance.

Stuart Robsen the comedian is authority for the following:

"Whe would think," said he, "that
Edwin Booth was a good banjo player,
and that he dingered the strings when a
young man for his father and Edwin
Fortestto dance. He told into the story
himself and it runs in this way. He
used to travel with his father, play
small parts and look after the great
actor's wardrobe. Edwin was very fond
of picking the banjo and his father was
very fond of histening to the "One night
he was sitting in his room strumming
away while his father sat listening. The
idea Booth was always a little shy of

way wine his rader sat instelling. In didentification was always a little shy color and the form of this color and the sate of the sate of

inther was injoying it, when a nock came is the door.

'Come in, said the elder Booth, at her grafily, when the door opened and instrode Edwin Forrest.

'How are you, Junius, said he to the ather. How are you, Ed. said he to the son.

the son...

The father prose, shook hands with
Mr. Forest and at the same time motioned Edwin with his hand to put the tioned Edwin with his hand to put the banjo away.

"No, no," said Mr. Forrest, 'no, no—
I like to hear it."

"Both resumed their seats."

"Can you play "Old Zip Coon," said he to Edyin.

"Doth resulting and sons." Can you play fold Zip Coon," said he to Edwin.
"The young Booth began playing the tune. When it was finished Mr. Forrest asked for half a dozen familiar plantation melodies, and Edwin played thom. Finally he struck the sir of an old Virginia hoe-down. Since lefer Booth began keeping time with his foot, and so did Mr. Forrest. Very soon the feet of both the great tragedians began to move in a hatf-way shuffle hand filledly last the full spirit of them music seawaght them, both began to dence the familiar steps which the minuske provoked. The did by the full hand the did began to drace the familiar steps which the minuske provoked.

dignous; the stops of sire two trage digns, and the froid continued until al were tired."—Exchange." Dignored

were tired. "-Ekchange." Direct of the period of the transfer of the period of the transfer of the period of the p

THE USES OF COAL TAR.

WAYS OF UTILIZING THIS SUBSTANCE, ONCE THOUGHT WORTHLESS.

A German Chemist Makes a Valuable Discovery—Brilliant Colors Now Ex-tracted from the Coal Tax—How Chance Brought About the Most Im-

Discovery—Britthant Colors New Extended from the Colal Tax—How to Chance Brought About the Most Important Results.

The coal tur created by gas malting with the coke, under the retorts of the gas works, if or many years burned, together with the coke, under the retorts of the gas works, in order to economize and not until Hofmann, a distinguished coal in selentifically was it found to coal in bodies that have since become the base of the world's great color industries. The brilliant anding colors now used for dyeing are all extracted from coal. Coal ar yields, on redistillation, among other times, a large amount of a voiatile of called beinzol.

Hofmann found that benzol, upon proper treatment with certain chemicals, yielded aniline. This is an ofly liquid, akin in the nature to the liquid alkaloids, niesting a beautiful deep magents dye from aniline by oxidation, a process in which a substance called the oxidizer gives up some of its oxygen to the body oxidized. This dye he called rosaniline, and from it may be obtained every conceivable shade or color. It is a curious fact that this intense dye is colorless in an absolutely pure state, but on uniting with acids it at once takes on its characteristic vivid orimson color. Since the most important part in the manufacture of these dyes depends upon the oxidation of the aniline, it is necessary to get some common and inexpensive substance for that process.

Unfortunately for the personal comfort of many people, arsenic acid, one of our most fatal poisons, is the substance generally used. It is due to this chemical that so many of the fabrics dyed with aniline colors are injurious. The dyes in themselves are harmless the arsenic acid is not essential to the color, but after it has done its duty as an oxidizer, the manufacturer does not take the trouble to remove the poison of sum and acturers are unwitting to give the sum of the color, but after it has done its duty as an oxidizer, the manufacture does not take the trouble to remove the poison of sum of the color o

It is said of Hofmann's discovery that It is said of Hofmann's discovery that it was the result of a chance. He had een trying the action of aniline with different chemicals, and without cleaning his test tubes had left them standing in the rack. The next day, upon his return to the laboratory, he found, to his joy and astonishment, that something quite unexpected had taken place. Beautiful crystals of a deep magenta color had formed during the night in one of the lest tubes. With eagerness he examined them, but could not remember how they had been formed. At last it occurred to him that this was the result of the oxidation of aniline. This was the beginning of Hofmann's great work upon resamiline.

ping of Holmann's great work upon resaniline.

It has also been discovered that an
other body contained it head far can be
sonverted into one of the most important
and beautiful vegetable dyes known—
the transport of the relative to raise of the
standard of the relative to raise it is an
ordinate rail ve to raise it, and the cultiva
lion of the plant may be considered as a
thus of the past. Such is the wondrou
prowth of the discovery. It is the fruit
of scientific researches in organic chem
leftly conducted mostly from a scientific
point of view.

One very important coloring matter

istry conducted mostly from a scientific point of view.

One very important coloring matter related to coal tar, and one of the original sources of aniline—a product of a great value as alizarine—has yet to be produced on a large scale. This is indige, Adolph Baeyer, a German chemist, has shown that it can be produced artificially, but at present no practical means of accomplishing it have been discovered. No doubt, however, it will mit be fong before this is achieved, and the cultivation of the impropalment, share the fate of the impropalment.

o tedy, The Black Death.

The Black Death.

The disease is believed to have originated in China, and took its name from the black spots which usually appeared on the person of the sufferer, says the black spots which usually appeared on the person of the sufferer, says the black spots were symptomatic of putrid decomposition, and their appearance was nearly always as the spots of the spots of

OUTLAW PAINE SURRENDERS.

He WIII Try to Prove That it Was Res
He Will Try to Prove That it Was Res
He who Eithed cansishist Hubbard.
Michael Peine calas Engel, for three
years in outlaw and the tepfor of Waterville and the Big Bend country, has
given himself the provisions and ammunition. When he was pursued by officers
he dischard the Big Bend country
has been been allowed to be a selected the big bend in the provision of the
dischard the Big Bend country to the country
has been been been and bend the bender of the apprehension of the
discount for the apprehension of
the Carand Coule, 130 miles from here,
and induced Franc Aisen and Sheriff
Robinson of Douglass county to assist
in the capture. The three stealthily approceeded the Palier cabin by way of a
cauon, and caught the old man without
difficulty.

Sheriff Robinson returned home, and
the others started for Spokane Falls
with their prisoner. About thirty-five
miles from the cabin and near the
form dought the old man without
difficulty.

Sheriff Robinson returned home, and
the others started for Spokane Falls
with their prisoner. About thirty-five
miles from the cabin and near the
form dought the old man without
difficulty

prisoner was again asked it he knew him.

"Yes," he replied, "that is my boy."

At the distance of 125 yards the pursuing horseman dismounted and opened fire with a Winchester rille. The prisoner was the one hit first. He fell party out of the wagon. Hubbard and Alken turned the team across the trail for a barricade and returned the fire. Fifteen of twenty shots were fired by each side. One of the horses was hit, and a bullet struck Hubbard in the leg. He said nothing, but kept on shooting until another bullet struck him in the face. Then he fell.

other bullet struck him in the face. Then he fell.

Supposing Hubbard to be dead, Aiken sprang into the wagen, pushed the dead body of old man Paine out, and dashed away. In a few minutes the wounded horse fell dead. Aiken cut the harness from the other and started on horseback. The horse soon gave out, and Aiken proceeded on foot to a ranch where he tood his story.

Paine's body was found where Aiken had left it, but Hubbard's was some distance away, and completely riddled with bullets. It appeared that he had recained his feet and tried to escape, and that young Paine had dashed upon him and inished his bloody work.

Since his surrender it has been learned that young Faine had previously taken legal advice, and will endeavor to provents innocence, and that another man figured in the tracedy. Aiken, the only lying witness is still here, and adhere.

ELIJAH AND THE RAVENS.

ELIJAH AND THE RAVENS.

An Eminent Divine Cannot Make the Incident Apply.

North Carolina probably never produced an ablenging the thina Dr. France-L Hawkes, who roturates of a centure 1500 was grasher tof. Grass ("Episco) as furer, New York, Shirth, thick-set, swarthy, black-cycel and black-haired, he was a shriking apersonately the was not only a great higher osacra buncooside of the best reader in the New York episcopacy. His rather law union, family determined in the new York episcopacy. His rather law union, family determined in the new York episcopacy. His rather law union a principle of the rather law union would have been otherwise tendered. One day a delegation from a Buffaro church waited aponand invited him to accord a pastorate in that city.

"Well, gentlemen, other things being satisfactory, the question of acceptance narrows down to a business matter," and Dr. Hawkes, "What salary do you offer?" a madage a state of with the spokesman, we recognized but you have a high reputation and are willing to be illustrate. Our

ob. Hawkes, said the spokesman we recognized but you have a high reputation and are willing to be liberal. Our recent pastor has received \$2.500, but on account of your standing we have decided to offer you \$3.500."

"My good man," cried the doctor, gasping, "do you know what salary I am receiving here?"

"No, sir," the said of the doctor, gasping, "do you know what salary I am receiving here?"

"No, sir," the said of the doctor, gasping, "do you know what salary I am receiving here?"

"I yet \$15,000 and this parsonage, and as I have an expensive family I do no see my way older to nece my your offer."

The spokesman looked rather sheepls, but made another, see any way dearly have, looked, elsewhere; but you should remember that he work of the food must be idone, and, as for providing day sour samily, you know the story of the rayens, "rath with the story of the rayens," respended, the clergy man, quiz delily, "I have mad it, though carefully any radictly and providing for your gifted these." I remember the raven incident perfectly, but nowhere can I find any reference to the Lord's providing for your gift awkes.

"Yan safuston of Bacteria, "look and the doctors of the food of

nowhere can I find any reference to the Lord'sd providing for young "Hawkes.

Washington Post. "The difference of the Lord'sd providing for young "Hawkes.

Trânshitston of Bacteria."

It is universally admitted that many infectious agents may be transported by the salt, but the extent of danger, from this source has often been cangestated. It is a popular error to suppose that most of the minute particles of that in the air self-there are of contain I ving organists. The methods for determining the number and kind of pateria and fing in the amosphere in and fround figuren habitations essent by the onsidered small, still, it is greatly iffer for that fit the Brothn or in most waters.

Unlike fungus spores, insterta does not seem to occur to have extent as single detached bartists, which would the necessarily be extremely manute, but rather in cumme or attended to particle of ous of transitivity in greatly factors with contain bacteria repidly satisfies which contain bacteria repidly satisfies which contain bacteria repidly satisfies which contain bacteria repidly satisfies and are useful firefered out by ressing the cotton, well for sand. That washes and are useful fiftered out by ressing the cotton, well for sand. That washes and are useful fiftered out by ressing the cotton, well for sand. That washes and the first thin short of the formal first find the product of the walls of the first that the ground or upon underlying objects and the first that the first that the manufact from the single first sund. That the all bacteria he defined from the single first sund. The washes are desired from the ground or upon underlying objects and sare sund surfaces which contains the same of the sand. That washes are desired from the sand are useful for sand the formal first show the sand care the sand the sand care of the sand are contained to be said the sand care of the sand the sand care for the duty that a production of the sand care for the duty that a production of the sand care for the duty that a production and care