Holdenhurst Hail ALTER BLOOMFIELD Copyright 1696, by ROBERT BUNKER'S SONS.

CHAPTER XXXII. Continued.

A deadly faintness came over me, and a sudden dimness of sight pre vented me from properly examining the letter. Without doubt my dear father was dead, and my one remaining wish could never be realized upon earth. I handed the letter to my wife, who stood at my side, her little hand affectionately laid upon my shoulder, and motioned to her to read it, which she at once proceeded to do; and she had not read many words before our mutual fears vanished like a mist in presence of the morning sun.

Holdenhurst Hall.

Bury St. Edmund's, April 23, 18-, My Dear Boy-Come home. I shall know no rest until I see you here, and learn from your own lips that you are willing to forgive my errors of judgment. Consideration of the strange circumstances in which those errors were made, if not of the fact induce you to afford me this gratifi- |

The treasure for which you so indus- | dead." this, but also a quantity of peculiar of my good fortune.

posed that the old gabled granary at remain there. were in the black chests which you and precision. have conveyed them to his hidingplace in the granary, and refilled them with the coins, which he must have the man with the lamp whom you deetly had the time sped. saw in the crypt was Adams, and that therefrom the last of the coins. Amongst our discoveries in the granary is a leather bag containing six hundred pounds odd in modern English money, which I am unable to account for except by supposing that it represents the lifelong savings of

i address this letter to your uncle's house, not knowing certainly that it will find you there. Let me beg of you to take the first opportunity to acquaint my brother with the discovery of the sequins. If you can convenlently do so perhaps you had better show him this letter. And in any case be sure to impress upon him my very great regret for what transpired when he was last here, and what happiness it would be for me if that incident could be buried in oblivion. Your grandfather, who on the very day of his daughter's rash act re- more serious intent than the beguile ceived from her a long letter taking ment of a leisure hour, soon assumed upon herself great part of the blame of her past life, and entire responsibility for her tragic death, has no alas, to all humanity!) at my departlonger any cause for contention with ing youth, in recalling the incidents your uncle, who, were he to come here, of which I have in some sort lived would be received with unrestrained again. friendship. Each member of our at Holdenhurst!

the extraordinary miser who was my

possible human happiness.

Your affectionate father. ROBERT TRUMAN, has predicted that Sir Thomas will

"Ha!" exclaimed Uncle Sam bitterly, as my wife replaced the letter in my hands, "if only these two men had developed their present senses a year ago."

"Oh, Sem, dear," eried aunt Gertrude, throwing her arms around her | hearted charity, and noble protection husband's neck, what better news of the brilliant young imp known at tenance of our common highways. By could you have than is contained in that letter?"

"None, now," uncle Sam answered quietly.

"You will respond to your brother's message in the spirit in which it is seht, will you not, dear?" pleaded aun: Gertrude, looking earnestly in her husband's eyes. "A vew of enmity made in anger is always better broken than observed, and this manly apology comes from your brother, father of Connie's busband. Remember, Sam. what I have forgiven, and if only to | Heronsmere, when my father unex. | State Legislatures, political convengratify me, send your brother a telegram that I will write."

My uncle remained silent for a few moments, his gaze fixed upon the floor. that you are my son whose welfare I Presently he looked up and said. have never ceased to desire, should | "Write what message you will to even waiting to greet the ladles presthose two men, Certie, dear, and it ent. shall be sent to them. My enmity is

friously sought in face of so much | For this generous declaration aun discouce cement has been accidentally Gertrude rewarded uncle Sam with a afternoon for to-day's Times (I vided large sums of money for the betdiscovered by your grandfather, minus kiss, my wife followed suit, and I couldn't wait for it till to-morrow); oply the three sequins you used to wrung his hand in silent gratitude, and have rece it through, advertise general Government is being appealed tarry in your pocket; and not only almost overcome by the completeness

Turkish fewelry and precious stones of | The telegram indited by aunt Gertgreat value. Your grandfather and I rude I have not seen, but its healing have together carefully examined the effect is my constant daily experience. whole of the vast treasure and have contributing-I cannot estimate how placed it in safe keeping, secure from largely-to the happiness of our refurther accident, to await your return; united family. The telegram which for I have determined that if you will my wife and I despatched to Holdenbut come home to me, the disposal hurst was a long one, consisting of no fessorship of Anarchism at the Uniof the treasure shall rest entirely with fewer then a hundred words. It ac-You deserve it, and I declare it | quainted my father with our marriage, to be yours, and yours only, subject to and promised that we would proceed the one condition, of your coming to to England after we had stayed at Holdenhurst to take possession of it. | Saratoga one week, or a sixth part of Some time ago your grandfather pro- the time which we had arranged to

the back of the stables should be "You are a tardy bridegroom, Ernpulled down, and a more commedious est," said uncle Sam, consulting his granary built in another place. I watch, "and you have lost your train. agreed to the proposal, and last week It is now two o'clock, so you will no the work of demolition was begun. At | further delay your arrival at Saratoga the north end of the loft, separated by returning to the company for an by a wooden partition from where the hour"-a suggestion at once adopted, winter fedder has usually been stored, to the satisfaction of everybody exthe treasure was discovered. That it cept my wife's maid, who marvelled was stolen from the crypt and secreted | greatly at being bidden to remove her | is full of the news. Mr. Price is now | in the granary by Adams there can mistress's hat, which had not long be-De no doubt, for the Venetian coins fore been adjusted with infinite care

found empty in the crypt one memor- The hour which the kindly fates had able night. Believing, as I then did, so unexpectedly placed at our disposa. that the treasure had been quite other- | quickly passed, our assembled friends wise abstracted, I ordered Adams to being infected with the great increase remove the empty chests from the of good humor apparent in host and crypt and use them for firewood, but bostess, bride and bridegroom. Ininstead of obeying me, he appears to deed, the universal follity was so sponaneous and natural, and my satisfacion so unqualified, that I was astonshed when the carriage which was taken from them not long before. It to convey my wife and me to the deis not unreasonable to suppose that pot was announced, so pleasantly and

Our departure took place amid & the occasion was his visit for removing | chorus of good wishes and a showe of rice, whereof a certain handful was brown by uncle Sam with such un erring dexterity that the greater par of it found its way down the back of my collar, and tickled me horribly in he region of the vertebrae until after we reached Saratoga.

CHAPTER XXXIII.

CONCLUSION. It is the quality of happiness to present little or nothing to chronicle. My full, perfect, and complete con entment-in so far as such a desirab. condition is ever permitted to a morta -begun with the events described in the last chapter, and continues to thi day. Here, therefore, am I con strained to bring these memoirs to a close; and I do so with feelings at once a relief and regret-relief at the accomplishment of a task which hough at first undertaken with ne proportions too large for such desulcory treatment, and regret (incidental.

Uncle Sam has built for himself small family has been wonged by palatial house in London, at Queen's some other member; no one of us Gate, Hyde Park, where he spends stands blameless-not even yourself. about six months of each year, broken Shall recrimination end only with our by frequent though brief visits to Suflives? Is it presumptuous to hope for folk, for he and his brother are now peace, or must existing divisions be closer friends than at any former perpermitted to widen with the lapse of | iod of their lives. On such occasions years? O Ernest, my boy, if only he stars with my father, or with Conyou could bring about the termination | stance and me-for the fine estate of of feuds for which all concerned are | Heronsmere, adjoining Holdenharst, the worse, and no one the better, you for centuries the home of the Jarvis would then have found a greater family, is now mine, bankrupt tenants treasure than that which awaits you and derelict farms having forced Sir Thomas Jarvis to sell his ancestral I have heard that you are count to hall and acres. I am afraid very little be married to Miss Marsh, but the in- of the purchase-money remained for formation reaches me very indirectly, the use of the unfortunate baronet and I am not assured of its truth, after he had cleared off the mortgages Should such happily be the case (for with which his property was encum-I have long perceived the disposition | bered, but with the remainder, whatof your heart), I congratulate you, and ever it was, he has betaken himself with you and your intended bride all to South Africa to repair his shattered fortunes. Uncle Sam, who conducted my purchase of Heronsmere,

crosses the Atlantic at the most unexpected times, and has lost none of his old interest in government loans, treasury bills, and company promotion. Less rough in his allusions to subjects which many people regard with reverence-a change which some attribute to a more serious view of life induced by the tragedy with which he was so nearly concerned, and yet others to his natural urbanity being hardly more so than that of the gentle lady his wife, whose amiability, largemischief in or around Holdenhurst is usually attributed), is the admiration

of all who know her. About three months after my marriage, my wife and I and aunt bertrude and uncle Sam were enjoying a pool of the Majestic, which steamer and as an evidence of the increasing pectedly appeared opon the scene, flushed by rapid walking, and with an amused smile upon his face.

"Have you heard the news?" asked my father unceremoniously, without

"Yes," said uncle Sam, although the inquiry was not particularly addressed ple have certainly gone mad, and the House of Commons differs only from other asylums for the insane in resecond reading of the Bill for the Abolition of the Navy, or to the proposed national endowment of a Proversity of Oxford?"

"No. no." said my father, "the Rev. Mr. Price is married." "Pshaw!" exclaimed uncle Sam.

turning on his beel. "Who is the lady?" asked aunt Gert-

"Mrs. Butterwell."

The cigar I was smoking fell from my lips, and I indulged in a loud and prolonged laugh.

"Isn't Mrs. Price much older than her husband?" Constance inquired. "Only forty-seven years," replied my father. "Major Armstrong has just told me all about it. Everybody one of the richest men in the country."

"Poor fellow!" exclaimed uncle that is necessary."

his bride, we leisurely re-entered the

"Come, dear," I whispered, as we crossed the threshold of our new home, tage is a failure, and I can well appreciate love's difficulties in that state, but although you possessed not the worth of a dollar and I not the worth of a sequin, still I could be happy with you for my wife, labor for my portion, and one of those cottages in he lane for our home. In no circumscances could I have done what Price has done. It is too horrible even to contemplate."

"No, dear, I don't think you could," answered my faithful Connie; "but don't be too hard in your judgments. I have heard that money is a terrible emptation to those who possess none. and it has been your fate to acquire ruch of it in unusual ways. Only a ew men marry millionaire girls; and ewer still, I fear, discover sequins in

(The End.)

Demand For Chicken Farms. Inspired by the high prices of eggs, widow, who has been struggling for ears to maintain an establishment in ne city and to keep her son in boarding chool, has decided to go to chicken arming. "I believe all the world is eized with the same fancy," she aserts. "Such a time as I have had to ind a suitable place. All of the real state men told me the demand for hicken farms far exceeds the supply. lowever, I have hired a ten-acre place n a Jersey town, convenient to New he high school and have him bely me etween times. My ardor has been lightly cooled by the discovery that most persons engaged in the business on a small scale think they are having great success if they get a pet profit of \$500 a year. I have been making balf that in a mouth in the city, but I am not discouraged. I believe I can do better than \$500 a year, and in any ase it will be some satisfaction to nake other persons pay the high prices have been giving for eggs."-New York Press.

"My!" exclaimed the good-natured housekeeper as she watched Weary Wraggles devour the food, "you cerainly do act as if you were hungry." "Act!" he cried, between bites, "Gee whizz, lady, don't you know de differ | are at an average distance of about Press. ence between actin' an' de real ting?" | twenty miles from each other. -Philadelphia Press.



Since our National Government has shown such liberality in appropriating enormous sums of money for rivers. harbors, railroads and the building of country roads in our newly acquired possessions in which the masters have improved by a larger acquaintance but little interest, many are of the with English society-uncle Sam is a opinion that Uncle Sam might well afgreat favorite, his company being at ford to lend some assistance to our all times in great request, though own people, who pay all these expenses, by co-operating with the State. county, township and individual contributors in the improvement and main-"the cardinal" (to whom whatever of this method the burden of expense would be more evenly distributed and no one would be injured, but all materially benefited. To make this plan effective, much agitation and education among the people will be necessary. Already considerable progress post-prandial stroll on the lawn at the has been made along this line through rear of my house, speculating as to the public press, the organization of the day and hour of arrival at Liver- good roads associations and otherwise, was to bring to England a party of popularity of this plan, resolutions our American friends en route for of approval are being adopted by many tions and by various industrial and labor organizations in all parts of the country. The result of this agitation and organization on the part of the farmers and business men of the country has led to the more serious consideration of this important question by the law making powers, not only of several States, but of the nation as to him. "I sent specially to Bury this well. Many States have already proterment of their roads, and now the ments not excepted. The English peo- to for assistance. About one dozen bills were introduced during the Fifty-eighth Congress, asking that onehalf of the cost for the improvement spect of the ravings of its members of the common roads of the country being reported. Do you allude to the be paid from the National Treasury, so as to facilitate the delivery of the rural mails and the general traffic, and none are meeting with more popular favor than the one introduced by Senator A. C. Latimer, of the Palmetto State: Mr. Latimer is a good roads enthusiast, and does not intend to relax his efforts and energies in this direction until something has been done by the National Government to assist farmers in the improvement of the common roads of the country.

Cost of Bad Roads.

Good roads enable the farmer to haul more produce with the same expenditure of horse power, and also to horses and wagons. An abundance of surplus fruits and vegetables are annually left on the farm to decay on account of impassable roads, whereby both the producer and the consumer are losers. Both pay the penalty for bad roads. Such occurrences are by no means infrequent in all parts of Sam, "he deserves to be! Let no man | the country. Good roads also promote trouble to revenge bimself upon his social intercourse, enable the farmer enemies; leave them to their own de- to take his family to visit his neighvices, and they will themselves do all bors, attend church and to keep his children in school during all seasons After some harmless pleasantry at of the year. The inconvenience exthe expense of the Rev. Mr. Price and | perienced from the lack of good roads is one of the reasons why so many persons, particularly the young men, become discouraged with country life and leave for the city, and why so few "I have often heard that love in a cot- give up the city for the country, excepting for a temporary sojourn at cause I couldn't pass it off, and I don't that season of the year when nature is | want him to think that I'm not just at her best in the country and worst | as smart-as he is."-Detroit Free Press. in the city. With good roads neighbors would be more neighborly, churches more prosperous, and the school districts would be enlarged, so as to enable them to have better school houses, better school teachers and better schools.

Now that these facts regarding bad roads exist, no person denies. And naturally the question arises, Can these conditions be improved? There are many ways in which this can be done, but to do it right everybody admits that it can be done only by the expenditure of money and labor, as in all other internal improvements. The most economical plan is not always the best and wisest to pursue. The better bighways the better services they render, and greater will become the value of property adjacent there-

California Olled Roads.

Within the last five years the Col-

Ifornia roadmakers have made rapid advancement from the first period when oil was used simply to lay the dust to a second and far more momentous one in which permanent roads are being constructed with it. The oiled road costs about one and a half | Chronicle. cent per square foot, while asphaltum costs fifteen cents, and a powdered York. I am going to take my boy granite road is nearly twice as expenfrom the boarding school, send him to | sive as the oil, where there is the same relative situation as to material. Rub- give you a real birthday treat. Tell me road, as was claimed at first, and the thing else." surface does not soften as asphalt roads do, and is not so easily cut up by five minutes)-"Bring me a whole box wagon tires. Indeed, it is said that of chocolate creams, mother, and ask oiled roads are the most important dis- Tommy Smith to come in and watch covery in roadmaking for dusty conntries that has ever been made. Where

> little in appearance from an asphaltum road, and having all its advan- qot even a recommendation." tages without any of its drawbacks. At Friend-"What part did you take in present there are about 1000 miles of the performance?" these roads in California.-Country Life in America.

these conditions can be met a beautiful

road may be constructed, differing but

WIT and HUMOR

A Luxury My new alarm clock is a gem; It is a great invention. I make it ring at 6 a. m. And then pay no attention. —Washington Star.

Girls' Wavs. Patience-"Why did the girls at the beach laugh at Fred's whiskers?" Patrice-"Because they tickled them, suppose."-Yonkers Statesman.

Still Has Some Hope: Chumpley (gloomily)-"What makes rou think there is hope for me?"

Miss Kidder-"She told me she

wouldn't marry the best man living." -Philadelphia Ledger. That Compact Existence. "You can always tell a New Yorker."

"How?" "He always takes it for granted that a piece of furniture bigger than a writ- of course, the colonel must be ing desk is a folding bed."-Washing- obeyed." ton Star:

Nothing Like Experience. tomobiling a poor form of exercise for at once." young men?"

It seems to be good for the arms."- smile, "but it is you who don't seem

Chicago Tribune. Shakespeare Revised. "He who steals my purse," quoth the famous actress, "steals trash, but he who robs me of my jewels---'

Here she smiled significantly-"Gets me a lot of free advertising in the gullible press."

At the Post.

social matters." Wicks-"I should say so. He's posted for debt in every club he belonge

to."-Philadelphia Ledger. Far From It.

Young Widow (to partner at ball)-"Mr. Crogan, I've made a wager of a pound of chocolates that you are a single man." Mr. Crogan - "You've lost, ma'am.

I'm one of triplets."-Chicago Tribune. Not Based on Experience.

Askitt-"I see you have written an earthly troubles by "kicking the article on how to succeed. Is it based | bucket." on your own experience?"

Rocksey-"Oh, no. If I'd done as 1 advise, I would have been noble and called by the newspapers, "A pretty honest, but I wouldn't have been rich." -Town Topics.

Grades of Ignorance. "The trouble with the man who thinks he knows it all is that he really

has only a little knowledge." "Yes, the trouble with the man who thinks be has a little knowledge is that he really has little knowledge."-Phil-

adelphia Press. Nothing But Toast.

"Can she, really?"

"Oh, yes," replied Newliwed; "she letters. can bake bread, I suppose, but she can't bake dough and make bread of it."-Philadelphia Press.

His Pride. Mrs. Jones-"Did Shartley give you that plugged dollar? Why don't you give it back to him?" Jones-"If I did he'd think it was be-

A Wounded Soldier. lady, "why won't you work?"

"Madam, I can't," replied Tired Tiffins. "I was wunst a corporal of industry." "But I got wounded an' disabled ear-

ly in de fray, mum, early in de fray." Equally Ignorant. Bill Collector-"The boss wants to

know when you're going to settle this account." Mr. Slingun de Munnaway-"Please tell your boss his curiosity in that di-

rection is no greater than mine. Kindly refrain from slamming the door as you go out. It jars on my nerves."-Chicago Tribune.

Hard to Please, Friend-"Well, how do you like runping for office as far as you have

Candidate-"I hardly know. Can't seem to please the opposition at all. They abused me for not talking, and now that I've taken the stump, my speeches don't seem to suit 'em any

His Wish.

Fond Mother-"You will be five years old to-morrow, Willie, and I want to Willie (after thinking earnestly for

me eat 'em."-Youth.

Bilkins-"Yes, sir, I was fired from the circus without a cent of pay and

Bilkins-"I've been playing the human frog."

OBEYED ORDERS WITH ALACRITY How a Lieutenant's Sweetheart Inter-

NO. 24.

preted the Colonel's Telegram. A smart young officer belonging to a cavalry corps in India was sent on sick leave to a convalescent station of Simla and, while recovering his health among the hills there, was robbed of his heart and in return captivated the charming thief. The young fellow proposed and was accepted and with all possible dispatch the wedding day was fixed. But the colonel of the expectant bridegroom's regiment was strongly opposed to the lieutenant marrying and telegraphed an unwelcome "Join at once" to the amorous sub.

The chagrined soldier handed the peremptory message to his fair one. She glanced at it and then, with a becoming blush of sweet simplicity,

remarked: "I am more than glad, dear, that your colonel so approves of your choice, but what a hurry he is in for the wedding. I don't think I can be ready quite so soon, but I'll try, for,

"But you don't seem to understand the telegram, sweetheart," said the lieutenant. "It upsots every plan we Elderly Party-"Don't you think au- have made. You see, he says, 'Join

"Certainly he does, dear," replied Miss Quickstep-"I don't know. It- the lady, looking up with an arch to understand it. When the colonel says, 'Join at once,' what does he mean but get married immediately? What else, indeed, can he possibly mean?"

"What else, indeed, darling?" delightedly exclaimed the ardent lover, rejoicing in the new reading, which he received with the utmost alacrity. So forty-eight hours had scarcely Hicks-"Whatever else may be said passed before the colonel received to one inch in dismeter, were found in of Beggerley, he's pretty well posted in the following: "Your orders have the ground. They were perfectly cirbeen carried out. We were joined at once."-Philadelphia Inquirer.

> Terse Truths Cynicism is moral dyspepsia.

Those divorce canons seem to be made for the "big guns." Soon autos will have to carry a

employ chauffeurs who have graduated from ambulance surgeons. After dealing with "bucket shops" many a speculative wretch ends his

Wonder if it consoles the woman forced into unpleasant notoriety to be well dressed society woman of prominence." Still, they all are.

Conceit may puff up a man, but it isn't going to prop him there.

Some men prefer to study articles on "How to Succeed" to reading the "help wanted" column.

Some men are so lavishly praised after their death that it arouses the suspicion that they are being praised for dying.

After three years of married life "Your wife has been boasting that the husband gets insulted if he she can bake bread," said Marryat, catches his wife reading a love story or reading his former fervent love

An Old Time Relic.

The lighthouse keeper at Pointe-de-Monts, in the Gulf of St. Lawrence, doubtless a relic of the ill-fated expedenses upon the giass. dition of Admiral Walker, who sailed from England in 1711, with eleven thousand men and a large fleet to capture Quebec and Montreal. A dense fog overtook him when off "My good man," said the charitable Seven Islands and a great storm arose. The British ships were dashed to pieces on the rocks of Egg Island, and the following morning nine hundred bodies were lying there.

> The Coon Cat's Playmate. A. A. Ginn, of Prospect Ferry, has a fine yellow coon cat. One morning recently he did not come in at the usual hour and on looking around Captain Ginn discovered him in a field a few rods away playing with a fox. They played for some time. Then the cat started for the house, Realizing he was too near civilization the fox following for some distance. for his own good he turned and skipped for the woods. This cat has been in the habit of spending some of his

Making Artificial Butterflies. The preparation of artificial butter-

flies mainly consists in spreading with a camel's hair brush very thin mucilage or paste over the wings of better than my silence."-Boston ordinary butterflies, and then sprinkling over this certain delicate metallic powders of various colors. By this process a very common butterfly can be transformed into one that is extremely rare. The fraud came to light through an alleged specimen of a red ber tires are not injured by the oiled what you would like better than any- admiral, the fly so widely noted for its brilliant red and white hues .- Liverpool Post.

No Use For It. The Czar-Viskyvitch! The Orderly-Your highness. "Go and take down that sign in the front parlor window." "Which sign, your highness?" "Boy wanted!"-Cleveland Plain

Co-Operative Stores.

Co-operative stores play a perceptible part in supplying the necessaries Friend-"H'm. You must have made of life to the industrial classes in Ger The country in which the large towns an awful bad jump to have landed so many, though they have not attained are most equidistant is Holland. They completely in the sour."-Detroit Free | so large a development as in England, where they originated.

Chatham Record

RATES OF ADVERTISING

One square, one insertion One square, two insertions

For Larger Advertises ments Liberal Contracts will be made.

One square, one month



The density of several frozen gases has been measured by Sir James Dewar at temperatures between thirteen degrees and fourteen degrees C. above absolute zero. He finds that the specific gravity of solid exygen is 1.425; solid nitrogen, 1.026, and solid hydrogen, 0.076. A curious fact is that if the elements, oxygen and bydrogen, occupied in water the space they do in the solid state, a given weight of water would have a volume nearly twice as great as it actually does have.

A novel apparatus for destroying lusects and larvae upon the ground has been presented to the Odessa Technical Society by M. Lokuzejewski. A horse or motor wagon carries a small dynamo, which is geared to the unle, and is connected with an induction coil with a Webnelt interrupter. The negative pole of the coil is connected with the iron framework to the earth, while the positive pole at high fension charges a series of metallic brooms behind and under the wagon. These brooms, movable vertically, emit & shower of sparks, and any insects within range are killed.

It is generally known that lightning striking the ground sometimes forms tubes lined with fused minerals, but comparatively few persons have ever seen these phenomens, hu April, 1904, during a thunderstorm in Essex. England, a ball of fire, which seemed to cast darts in all directions, was seen to descend from the clouds. There was a crashing explosion, and afterward. in an oat field, three distinct sets of holes, ranging from nine inches down cular, diminishing in size as they went deeper, and were cut through the yellow clay as clean as augur holes.

Among the exhibits at the Royal Agricultural Society Fair, in London recently, was the Just-Haunaker machine for drying and sterilizing milk. separate tank filled with arnica and Two cylinders, an eighth of an inch apart and warmed by superheated steam within to a surface temperature of 110 degrees C., are caused to revolve inversely. Milk passing between the cylinders forms a thin layer on each. It is quickly evaporated to dryness, and then is stripped off in the form of thin, solid sheets. These are reduced to powder, which may be compressed into tablets. When mixed with warm water the substance formediately forms a liquid possessing all the properties of boiled milk.

Under the discharge of a high tens sion electric current a glass plate remains apparently unchanged, but on breathing upon it characteristic discharge figures appear. These figures, however, disappear when the glass is cleaned. The magic prints are made permanent by Hans Axmann, a German physicist, by using an induction apparatus giving sparks of about twenty inches, and connecting one pole with the edges of the glass plate and the other pole with a soft metal electrode of suitable shape held upon the glass by slight pressure. The experimenter has kept for ten years plates while shooting recently, turned out of on which, in spite of all cleaning, the the sand an old-style sword with the discharge figures stand out clear and date "1711" on its blade. This is distinct whenever the breath cou-

Knights of the Garte

The fact that the Archbishop of Canterbury, now on a visit to America, was when Bishop of Winchester (1895-1903) "prelate of the Order of the Garter," draws attention to the highest and most illustrious order of Knighthood in Great Britain. This order was founded, says Selden, by King Edward III. on April 23, 134f. But some trace the origin of this order back to April 23, 1192, when Richard I. compelled twenty-six of his Knights to wear a thong of blue leather on the leg when fighting with the infidels. The generally accepted tradition, however, is that King Edward III. was dancing at a ball with the Countess of Salisbury, when she dropped her garter, which the Sovereign picked up and at first tied about his own leg. Observing, however, that this act excited a good deal of attention, be handed it back to the fair owner with the words: "Honi soit qui mal y nights in the woods. It is to be prepense"-"Evil to him who evil thinks" sumed it is not their first meeting .--words still used as the motto of the order. The King said further "that shortly they should see that garter advanced to so high an honor and renown as to account themselves happy to wear it."-Harper's Weekly.

Testing Cables by Roeutgen Rays. A novel application of the Roentgen rays to the testing of subwarine c has recently been made in Europe, and has been found useful in determining defects and imperfections which might cause a breakdown of the cable and involve considerable expense for repairs. The apparatus consists of a Roentgen-ray tube, above which is a fluorescent screen, while the cable to be tested is passed through guides Just below, so that a shadow is cast on the screen. The cable is allowed to run through the testing apparatus, and the observer looks for any indication of a fault in the shadow. Foreign substances, air bubbles, or bad joints in the rubber or gutta-percha insulation are readily detected, and may be remedied at the works. Imperfections of this kind can remain unpoticed by other tests, and a cable with such imperfections may be laid on the sea bottom at great expense and operated for a number of years before it will fall.-Harper's Weekly.