WICKLY'S WOODS

CHAPTER XXIII. Mason Huntley sprang forward and seiz-

threw his arm about her, and seeing punished by such a misadventure of all something in her eyes that at least did my plans." not repel him, he bent his head impulsively and pressed his lips again and again to hers, that were very perceptibly turned toward him and pouted in the

half sarcastic smile of enjoyment.

"I don't care," said Lizzy, still holding Mr. Huntley's hand in her own, and plainly interposing to prevent him from shoulder, as she half turned her head self-vindication lighted up her face like a halo about an angel's head. "I don't He's treated me dreadfully—I charge of it." mean horribly, since I've been here in And I'm going to know why, before I let go of your hand sir!" she continued, turning away from her father, and shaking her brown curls that hung so charmingly out from under her hat and down a little way upon the sides of

"If that's it." said Mr. Wickly, with sort of roguish shrugging of his shoul-"I think I'll step out and see if those horses are standing all right. They might run away and leave us, you know. And then I can't be of any use what-ever in this sort of an investigation," and he turned and went out, his daugh ter calling after him:

"You needn't, sir! I don't care if you are here. I shall say just what I've got to say, anyhow. Now, teil me what you meant by it, Mr. Huntley. Why did you to me? Do you think it was my place to that could have been seen and heard by chase you all over the city and hunt you John Wickly, leaning back on the front tate the search as to leave a hint of your | the way. whereabouts, upon which I could begin? "There appeared to be some real es you have persisted in staying away for- ation of a fictitious individual,"

to throw aside the conventionalities and the hurricane, you remember?' go thus boldly about the city, to chase you down and take you to task for your ment. I shall never forget it. I shall

me all the time?" he murmured, delight- cheek in a way that everybody openly bave mistreated you in not going at once
The protecting and caressing left hand
to see you? Have you had time, in all
upon her left shoulder beats a little tatthe rush and hurry of the last two too of grateful applause. months, to think about me long enough to make real search for me?"

the reply for a full twenty seconds.

u know I have," she says, putting up her gloved hand to prevent another frustration of her reply. "I'm sure now, that you knew of it on the very first day that I chased you, and lost you behind a barricade of wagons. If I had known branch of the work. And when I was just what your scheme was, sir, I finally ready, I found a force of armed shouldn't have hunted you a step." And men to appear our rightful entry upon shouldn't have fuce and then pulls it down the land, and so was compelled to meet to cure the blow with a kiss that heals "But you haven't told me like magic. one reason for your abstention-and a good one, too. No more shallow excuses Redden, who, when he discovered that will do. What was it?" She looked very some one else had been at the bottom of

You know already. You know as laughingly.

But I want you to tell it, even if 1 do know it. And can you pretend to read a young woman's thoughts in such an off-hand manner? Or to presume upon my ability to read the purposes of such an arch impersonator and dissemever put on that ugly brown wig, Mr. the reverse. came away from Sandtown, even." He and its immediate vicinity, gath stooped a little and kissed her again be about the little new railroad station.

fore he replied: 'I wanted you to see and mingle with upon the sidetrack, the band, the best people of the city. I wanted a little signal blown by the leader, the you to feel free to form any opinion of young Doc Dikes, upon his cornet, struck

tion. I wanted you also to feel sure of Dropping his gloves upon the out-spread map, and with an exclamation of to me on that night in the woods that it unmistakable astonishment and delight, might be my just punishment that you should not be able to tell whether you ed the outstretched hand in his own. And loved an ideal or a real man? You rethen, while both were speaking so that member? I thought of that almost evneither could understand the other, he ery hour, and wondered if I were to be

"Ah, you cunning fellow, you! I suppose you didn't know that to surround yourself with all this mystery and difficulty was the best of all methods to prettiest concession imaginable. John make me think of nobody else? Why, Wickly looked on in the greatest astonit was equal to parental dissent, I verily hment, set off and illuminated with a believe! Of course, none of the attractive young gentlemen whom I have me here had the slightest chance against all your mystery. But I'm really a little doubtful of you yet. Father's coming dropping the encircling arm from her in now, and you must get into the cab with us, and go down to the hotel. with a rosy flush upon her face and some have hours of business conversation to pretty drops of shining tears in her eyes. be held with you, in relation to my numand along the under lashes, while a erous and important financial transac-smile of enchanting mingled shame and tions. And I know of no one whom I could so complacently put in charge of my wealth as the man who put me in

> What a ride it was, to be sure! Bud Ellet, knowing by intuition, or perhaps by experience, just what was required of him, saw his party of three safely in the cab, and then concerning himself about nothing beyond making this the longest possible trip to the hotel, drove slowly down one street and across and up another, taking the party past all the prettiest and newest and grandest residences, and by every object of interest that he could think of, well knowing that nobody save John Wickly himself would be, by any probability within his comprehension, likely to see these sights.

> > CHAPTER XXIV.

In fact, the two lovers were in that state of ecstatic somnambulism in which with eyes and ears wide open, they are tell me you would see me soon, if it able to see absolutely nothing, besides were in your power, and then have me each other, and to hear no sounds save right here in the city for weeks and the murmured words that passed between weeks, passing me on the streets every themselves, to the perfect and inexorable day without a word or a look, or anything to indicate that you had ever had as anybody in the world will listen, to even a passing acquaintance with me? the cooling of real lovers, and looking at Wasn't it your place to come to me at them slyly through the wicket, as any once? Or, if you had any doubts about body in the world will look at real lovers, my treatment of you, couldn't you write Bud Ellet could see and hear almost all down, without even a trace of you? seat, in the shadow so deep as to be in Couldn't you even do so much to facili- effect absent, and therefore not at all in

Suppose I hadn't found you at all; would cuse for my disguise and my imperson Huntley was saying, as his left arm fit There was enough light from the af- ted itself snugly into a comfortable supternoon sun coming in at the west and port for her head, where his hand could southwest windows of the room to throw lie protectingly, caressingly upon her left effective gleam upon the lovely shoulder without the slightest inconvenform of Lizzy Wickly, clad in a pale lence to anybody. "You see the other brown slik that shed its suit sheen along road held the mortgages as collateral for every line and curve. He had never seen a debt of the Farmers' Bank. And by her so richly dressed. She had never some means they had gotten a hint of been so richly dressed. And there was, the existence of coal veins under your in the heightened effect of her charming land. I was employed by our company dress upon her always pleasing face and to go and make a thorough investiga-figure, that best of all excuses for the afford to wear. He stood a moment and for you, the other company was not without a word, but with his eyes telling impressed with the value of the deposit voluble stories eloquent with admiration, to the extent of inducing them to act as they flew rapidly from the brown very promptly. And consequently my plumes in her darker brown silk hat, that work was almost completed when they ramed her fresh, ruddy face so charm- began their survey that revealed to ingly, with its broad, brown satin strings, them the great value of the deposit. Then tied in an elegant bow under her dim- came strategem and strife. Both compled chin; down the sloping shoulders, panies had obtained right of way, save with the line of faintly glittering light some formalities on the part of our opreflected from the silk threads, changing ponents that enabled us to claim ex-Its direction as the bosom rose and fell clusive right up to that time; and not in quick, sharp undulations of excite-ment and delight. Ah! W. Mason Hunt-vent them from putting down theirs. By ey! If ever there were a pretty, straight- means of my character of geologist, and forward, frank and fearless daughter of the Wabash, well worthy of the admiration, the respect and the love of a good the central office of the company without man, for those qualities that enabled her arousing suspicion. On the evening of

neglect and misfeasance, then this is always love a storm of wind and rain so long as I live," she interrupts, leaning "And have you actually been hunting her brown silk hat down against his 'Have you actually felt that I derides, and secretly applauds and envies upon her left shoulder beats a little tat-

"That evening I discovered that om He stopped to kiss her again and adversary had become aware of what was going forward, and had prepared to again, just as she was opening her pretty outbid me for the land. It was necesthat went to show the actual great value of the deposit, and get authority, and perhaps means, for a large advance upon the original sum I had been authorized to offer. I found some difficulty, and experienced a vexatious delay men to oppose our rightful entry upon force with force. A bloody conflict was probably avoided by the timely and deermined interposition of old Coonrod engerly and brightly expectant into his the troubles of the Sandtown Farmers Bank, and that I was not at all to blame took part with us very heartly and sav well as if I had said it in every possi- ed us from a very formidable peril in ble form of phraseology," he retorted, the shape of the militia of Big Rattlesnake Creek and Reelfoot Pond. now you know all the mysteries of the geological survey of Wickley's Woods.'

. Not many days after there was a great such an arch impersonator and dissem-bler as you? Why in the world did you a military nor financial excitement. Quite The Sandtown Brass Huntley? Now, there wasn't a particle was out in full uniform, and the Mount of reason in that, you must confess. But Zion Double Quartet Club were out, too, go on and tell me first, why you didn't in an open wagon, and there was the come to me at the hotel. Or before I whole available population of Sandtown came away from Sandtown, even." He and its immediate vicinity, gathered As the train from the city pulled in pon the sidetrack, the band, following m, or of any one of them, without up a very popular air of those days, and hindrance from me in any way. I knew very appropriate to the occasion, in motor being described that you felt sure of my love and devo- which every instrument save the bass phant power vehicle.

drum had a turn at a bit of solo based IRRIGATION PRODUCES SWEETS. | all. The first lot of water turned in upon "Haste to the Wedding."

Then the bridal party got off the car, and was instantly surrounded by the whole crowd, in the center of which the

call you Miss Huntley, now, I 'low a recognized industry. Large factories Wush yuh much joy, both uv yuh! By for the conversion of the beet into gum! I nuvver no more thought uh sich sugar have been erected, and here are a theng thun I thought uh gittun maird muhself. By gum! I didn't. But Mason, you needn't to ciper on go-un away from San'town to live, un uh teckun the purtiest un smartust g-yurl they is beets. This can be accounted for by about h-yur away from urse. We've the same reason that she is noted for gut use fur you h-yur. I kin tell yuh, her cantaloupes; that is, irrigation and my good feller! Un we hain't uh go-un the large numbers of days of sun-to let yuh off, nuther. Drive thattair cairge roun' h-yur, fellers! Closeter! That's hit! Now, clam en thar, Lizzy Mason! H-yur's yur father un mother right en thar. Lots a room! Now, soon's tham fellers git ready to let the club There goes the sengers. 'At's Clumburse sengun tenor thataway! You kin h-yur im a mile uv a clur evenun, when the haint uh blowun. Listen at tham

hats and handkerchiefs, and what yells and screeches! There was just that ele-ment of the ludicrous, that tint of absurdity, in this noisy demonstration that made water, which soaks back and moistens it doubly acceptable to the fun-loving Sandtowner. It was an unexpected demonstration, and so had the features of huge and successful practical joke which the Hoosier loves so well; while it served as an ample opportunity for all to join in a public exhibition of respect and admira-tion, which the true Hoosier delights to make in honor of any citizen who, in any walk of life, attains distinction and ground to bake, and the sprouts cannot so reflects luster upon his native State, or his adopted town and country.

"There's the Woods." Lizzy whispers in Mr. Huntley's ear. He turns, and glances up the little woods road that branches off from the Overcoat road and winds away into the recesses of the forest, now beginning to exchange its gay green coat for a mantle of brown, trim med with knots and fringes of yellow, and cardinal and purple.
"My darling wife," he whispers, "I

want to keep that little, lone brierfringed road just as it is, so long as you shall love me."

(The end.)

WHEN A REINDEER IS ANGRY

He Will Try to Paw a Man to Death Without Mercy or Reason. We were forced to wait three days

after it had stopped snowing for a crust to form so that we could travel again. It was with many misgivings that we began the last half of the journey, since the snow was now very deep and the danger of our sinking into drifts was great. To add to our general feeling of fear, the reindeer behaved very badly and were exceedingly unruly. The wind had moderated somewhat, but it was still intense

We had traveled half the day without any serious mishap and were be- horse and cultivates two rows at a molasses is thrown out through the ginning to forget our fears at starting time. It is mounted on two wheels, holes in the sides, leaving the sugar out, when we sped merrily down a each about 30 inches in diameter. Be- sticking to the gauze. The sugar is mountain side, singing and halloaing hind these wheels are two horizontal washed by spraying cold water and air ance actually on hand in the treasury at the top of our voices, and ran into a guich and stuck there. The sengs the axle, on which they have a free up being added to give it brilliancy. The stopped in our throats, and we sprang and down motion. There is also a machine is stopped and the sugar now to our feet to sink waist deep in the pivot which allows a side motion, condrifts that had entrapped us.

infuriated reindeer, finding them- be fastened to the horizontal bars, the selves caught in the banked-up snow, grower using whatever kind is adaptalmost to their haunches, turned upon ed for the kind of cultivation he wishus and would have pawed us to death es ward and, holsting the overturned plants six to ten inches apart. This pulks in his strong arms, brought work is usually done by contract, the them down over our heads and shoul- price paid averaging from \$6 to \$7 ders and pinned us out of sight in the per acre. snow.

We heard the hoofs of Uncle Ben up the snow in his efforts to get at us, made necessary by the great depth to and if we had not held to the straps and had not kept the pulk over us he is drawn by three or four horses, and would have tossed it into the air with raises the beet partly out of the one sweep of his horns and would still ground, so that it can be picked up by have had his bout with us, in which the topper. case we should have been helpless and completely at his mercy.

bellowing reindeer.

We spent an exciting half hour under the pulks, with the hoofs of the apparatus, which deposits them in a deer rattling like hall on the frozen boards, and then the unusual commotion ceased all at once, for the reindeer had found a lichen bed. In a jiffy they were pawing up the snow in their hurry to get at the succulent

moss, and we were forgotten. Amalik and Oosilik lifted the pulks the snow and set us on our feet. By the time the reindeer had eaten themselves into a passable humor Amalik and Oosilik led them back to the

pulks. We had four hours of traveling be-

motor is sometimes expressed in ele being pumped into the first. This phant equivalents, a twenty-two horse water passes from tank to tank abmotor being described as a three ele sorbing a little more sugar from each Some men's ideas of reciprocity are

las

Beet Sugar Making in the West Is

Very Interesting Process. In some of the Western States, espe tall, angular form of Coonrod Redden cially Wisconsin, Nebraska, Colorado be seen, a head above the tallest. and the western part of Kansas, the "Howdy, Mason! Howdy, Lizzy! Orto growing of beets for sugar, has become

> for the conversion of the beet into employed large numbers of men during the fall and winter months. Colorado leads in the production of shine. The sun shines on fully 300

days of the year and the beet is stimulated to a wonderful growth. In growing beets the ground is pre pared in much the same way as for seng, we'll pull out fur ar house. We're cantaloupes, a thorough breaking and go-un to have the bustunest infair yuh pulverizing of the ground being necesuver see, Lizzy! By gum; uvverbody en sary for best results. After leveling Redden township's thar, by this time, the ground, which makes irrigation easier, the beet drill is brought into use. This drill is on the order of an ordinary grain drill, with the excep-Reelfoot Pon' fellers uh yelun. Yuh tion that it only plants four rows 18 cain't h-yur yourselves fur 'um." What a triumphal march down the tachments for drilling in fertilizer. On Overcoat road, from the station to Coon-rod Redden's house! What waving of so that they make two furrows between the two rows on each side. These furrows carry the irrigating

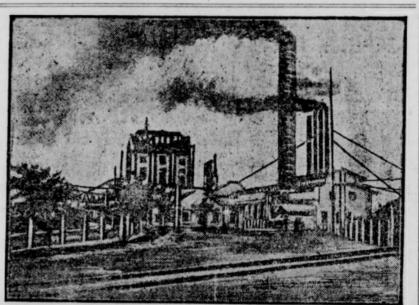
> When through with the seeding, the water is turned into the furrows made by the drill, between each two rows. The water is kept running until the seed is thoroughly soaked, care being taken that the water does not overflow very much, as this causes the force their way through the crust thus formed. When plants have obtained drums having their sides perforated, the height of one-half inch to an inch, and lined with gauze. As these mathe cultivator is brought into use.

This cultivator is drawn by one

takes out 50 per cent of the sugar, and the second lot takes 50 per cent of the remainder. This is repeated ten times, and in the end has exhausted all the sugar from the slices to within onetenth of one per cent. The slices remaining after this process are dropped from the tanks and run through large presses, and the partly dried pulp is deposited in cars and wagons to be used for feeding cattle, it being a great milk and flesh producer,

boilings, filtering and clarifying processes, which leave the fluid a moderately thick syrup, ready to be boiled down to sugar. The syrup is pumped up into large round vacuum pans. Inside these pans are coiled large copper steam pipes, and a large air pump produces a high vacuum and removes the evaporated water so that the syrup boils very rapidly and at a very low temperature. This boiling mass is watched through glass windows in the sides of the pans, and when small grains begin to appear they are fed by adding fresh syrup until they reach the required size. When the size is right, and the water evaporated sufficiently, the steam is turned off, the pump stopped, and the mass is allowed to run into the tanks below, by opening a valve at the outlet in the bottom of

the pan. The syrup at this stage has the appearance of dark molasses, thickened with granulated sugar, and is so thick that it will barely run. This is put into the "centrifugals," large whirling chines whirl around, the sugar rises along the sides of the drum, and the



THE ROCKY FORD BEET SUGAR FACTORY

trolled with handles by the operator. Every movement of our bodies sank With the cultivator are several sets of

In removing beets from the ground, a large plow or lifter is used. This beating on the pulk's side as he pawed plow has a depth of 18 inches or more, which the beet penetrates the soil. It

The beets are taken by local freight to the factory, where they are dumped For the first time we had occasion into long ditches, which have a stream to see how flerce an angry reindeer of water flowing through them. These can be. When he was convinced that ditches, which are lined with cement, he could not reach us Uncle Ben slope toward the factory building, near turned upon Oosilik, and we heard the which they converge into one large Eskimo shouting and clubbing the one. The water in these ditches serve deer as he ran in and out of the pulks the double purpose of carrying and and limestone used. in a swift circuit, pursued by the partially cleaning the beets. At the end of this large ditch, the beets are raised from the water by an elevating large washing machine. This consists of an immense spiral revolving in a round fron box, placed in a horizontal position, and with a stream of clear water flowing through it. The beets, rolling and tumbling, are pushed for ward through this water, and coming out free from dirt, are deposited in a Amalik and Cosilik lifted the pulks from our heads and dug us up out of of the factory. Here they find their way into an automatic weighing machine, then dumped into the slicer where they are cut in small pieces.

On the next floor below the slicer is located the diffusion battery, which is composed of a number of iron tanks, fore we came in sight of the corrai placed in a group. The tanks are conthat had sent us the reindeer from nected with each other by large pipes, Eaton Station. As soon as the deer and each tank is capable of holding scented the well-known corral they three or four thousand pounds of the quickened their strides so that we slices. The first tank is filled with reached the station before it was quite slices, and has water turned into it. dark, and crawled from the sleds with This is allowed to stand while the a deep feeling of relief, glad beyond second tank is filling with slices. Then measure to be at home after the perils the valve connecting the first tank of our protracted journey .- St. Nicho | with the second is opened, and the water in the first tank, having absorbed some sugar from the slices, is In India the power given off by a forced into the second by fresh water tank, until it has gone through them | rather one-sided.

white and moist, is dropped from the shipment.

thrown from the centrifugals, is either argument most used by those whomixed with fresh syrup and boiled have patent rights, gold mines and othagain, or is boiled alone and once more er such properties to sell at a thoupassed through the machines. The sand times their value. The person of brown sugar resulting, is refined by moderate means cannot afford to take mixing with fresh syrup.

In all beet factories, chemicals play an important part, and the laboratory might be called the heart of the factory, as it is through the agency of chemicals that the sugar is extracted from the beet. All beets, juice, syrups and boiled sugars, are tested, and the analysis of every pound of sugar is known, and every loss located and accounted for. The values of different soils and fertilizers for beet growing are tested, as are also all coal, coke

At Rocky Ford, in Southeastern Colorado, is located one of the largest beet sugar factories in the country. The buildings are built of brick, and are surrounded by fine grounds and fine residences, where some of the officers of the company live. Like all other factories, this one runs day and night, seven days in a week, and only stops in case of an accident or to clean up.

This factory, on an average, converts 1,100 tons of beets into sugar every twenty-four hours. One ton of beets will make 260 to 275 pounds of sugar, and from 1,100 tons, this means about 150 tons of sugar each day.-Williams port (Pa.) Grit.

A Biographical Dictionary.

One of the most helpful books to keep upon your table, ready to be consulted as you read other books, is a biographical dictionary. Then, when you come to some historical character about whom your knowledge is a little faded, it will require but a moment to refresh your memory and make your reading more intelligent. You have a right to the acquaintance of these distinguished men and women, and should the most modern and best types for the keep up at least friendly relations school. with them, if for no other reason than in gratitude for what they have done to make your life pleasant-St. Nicholas.



Maple-sugar-making is getting to be restricted industry, and may, indeed, The juice remaining is of a dark become a lost art. The Bureau of Forbrown color, containing much organic estry, which has recently made a study matter not sugar. It is run into tall of the business, has brought some intertanks holding a couple thousand gal- esting facts to light. Since 1850 the lons, and here the lime solution which area of maple-sugar-farming has greattakes out the organic matter, is add- ly changed and shrunk. In early daysed. It now goes through a series of maple-sugar was made even in the South, because cane-sugar was scarce and expensive. In New England, New York and a few other States the industry has held its own or been extended. The bureau finds that seveneighths of what is sold as maple-sugar or maple-syrup is spurious; but in most cases the adulteration is the work of middlemen, not of the producers. The net income of a maple-sugar grove isconservatively estimated at \$3 an acre; and since the work can be done at a time when there is little other farm employment, and the grove will also furnish the family firewood without deterioration, a sugar-orchard is a fairly profitable investment.

> Greater secrecy than ever before will be exercised this year concerning the scores made at target practice by the various vessels of the Atlantic fleet. While some of the details of the results may be made public, it is not the intention of the Navy Department togive out the scores. This government has never been able to gather information concerning the target practices of other navies and there seems to be noreason why the scores of our navy should be made public. Great Britain carefully guards all of the scores madeby her warships. Some years ago an officer of a British vessel on the Asiaticstation told of the results of the target practice then just finished. The information reached this country and was published. A thorough investigation was made and the officer would have been court-martialed if it had been possible to produce positive proof against him.

The expenditures of the government exceeded its current income by more than \$9,000,000 in April, and the treasury deficit for the first ten months of the fiscal year is upward of \$34,000 .-000. While the months of May and June nearly always show a balance on the right side of the government's account books, many fear that the deficit at the end of the fiscal year. June-30, will reach \$30,000,000. The problem of the deficit is a serious one in theopinion of the treasury officials. The cash balance in the treasury has declined to \$133,181,777, including the amounts held by the national bank depositories, and Secretary Shaw has found it necessary to withdraw from the banks \$20,000,000. The cash bal-

"Beware of the high rate of interbottom of the machine and conveyed est," is the lesson of most of the swinto the granulator, where it is dried. dles against which the Post Office Deus deeper in the snow drifts, and the knives, shovels, etc., any of which can This granulator is a large horizontal. partment has recently issued fraud orrevolving cylinder, heated by steam. ders. An offer of exceptionally large While drying is in process, the fine returns for either labor or capital dust of sugar is drawn out by a suc- should at once awaken suspicion. If tion blower. The sugar passes out of the enterprise is so promising, why but for the forethought of Ooslik, When plants are a couple of inches the granulator through screens at the does not the person who controls it who, seeing our danger, sprang for- high they are thinned out, leaving end, which removes the lumps. The keep it for himself? The fact that sugar is now placed in bags ready for there are a few, a very few, cases. where large risks have been taken and The molasses which has been large profits have been realized is the

such risks.

In 1904 the number of arrivals at Ellis Island was 606,000, the number in the entire country being 800,000. Of these 263,510 settled down in New York. City, and the great majority of the remainder went to other cities as laborers, etc., where they are not needed. It is now estimated that one million. immigrants will come to this country during the year 1905. The task of absorbing this great mass into the political system is one of the penalties which the United States pays for its unrivaled economic opportunities, its relief from great standing armies, and its atmosphere of freedom,

During the last year more than five thousand rural mail routes have been established, and during the coming summer a thousand more will be opened. Every route over which the carrier takes his little packet is a thread which binds this great, spreading country into more solid unity.

Expansion seems still to be the na-

tional watchword. The general staff

of the army has decided to lengthen

the United States bayonet by four inches. Still, it was a dictum of Oliver Wendell Holmes that as nations lengthen their weapons they harrow their boundaries, Labor Notes.

The teaching of typewriting will be begun in the normal school at Zacatecas. Mexico. The government of the State has has bought a number of machines of

Chicage and Alton employes have been instructed not only to give up drinking intoxicating fiquors, but to stay away from gambling places and dance halls. The company says it means to keep its men up to as high a physical and mental standard as possible