The CZAR'S SPY

The Mystery of a Silent Love

By Chevalier WILLIAM LE QUEUX

AUTHOR of "THE CLOSED DOOR," ETC.

ILLUSTRATIONS By C. D. RHODES

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SYNOPSIS.

—It—

Gordon Gregg, dining aboard with Horton, a fellow passenger, on the steamer Bear, hears a conversation between Horton and Captain Gregg in which the latter declares that while the vessels are ostensibly bound for Archangel they are really going to Petrograd. Horton is a secret agent of the Russian secret service and Gregg is trapped nearly to the end of his career. Gregg's daughter Ethel and Dimitrius Ivanoff, secretary to the Russian ambassador, are also aboard. Horton's trunk disgorges papers and money and Gregg is ordered to search the cabin. Horton's photograph on the table and from the back of it Gregg takes a photograph of Dimitrius Ivanoff. Gregg, in the guise of a disguised woman in Russian dress, is smuggled ashore at Petrograd. Ivanoff and Horton are there awaiting him. Horton tells Gregg that Ivanoff is a spy in the employ of Germany. Gregg knows Ivanoff as Ivanoff and Horton as Horton, but finds that he is known to the Russian secret service as Count Feodor Ivanovitch Rajanoff and is called there. He gives his age, and Gregg, who has been searched, is ordered to Kronstadt, Siberia, under the name of Ivan Ivanovitch Rajanoff and exile. He escapes with the help of Ivanoff.

CHAPTER XI—Continued.

The unfortunate girl whom I was there to rescue drew back in fright against the wall for a single second; then, seeing that I had closed with the lashing fellow, she sprang forward and with both hands seized the gun and attempted to wrest it from him. His fingers had lost the trigger, and he was trying to regain it by the end of the raise the alarm. I saw this, and with all my strength I turned in desperate struggle with him, so that he staggered and nearly fell.

An oath escaped him, yet in that moment Elma succeeded in twisting the gun from his strong hands, which I now held with a strength begotten of the knowledge of my imminent peril. He was powerful, however, with a strength far exceeding my own, yet I had been considered a good wrestler at Tophaven, and now my knowledge of that most useful form of combat held me in good stead. He shouted for help, his deep, hoarse voice sounding down the stone corridors.

As we were struggling desperately, the English girl slipped past us with the carbine in her hand, and with a quick movement dragged open the heavy door that led out on to the lake. I heard a splash, and ran that Elma no longer held the weapon in her hands. Then at the same moment I heard a voice outside crying in broken tone: "Courage, excellency! Courage! I will come and help you!"

It was the faithful Finn, who had been awaiting me to the door, and with a few strokes pulled his boat up to the narrow rocky ledge before the door.

"Take the lady!" I succeeded in gasping in Russian. "Never mind me." And I was to my satisfaction, for he guided Elma to step into the boat, which at that moment drifted past the little platform.

I struggled valiantly, but I was also ill being vanquished. Now was a fight for life. A sudden idea flashed through my mind, and I exerted my strength, at the same time gradually lowering my hands backward toward the door. He cursed and swore and shouted—all with a sudden and almost superhuman effort, I tripped him, bringing his head into the violent contact with the stone lintel of the door.

There was the sound of the crushing of wood as the rotten planks gave way, a loud splash, and he sank like a stone, for although I was working for his life, I could only distinguish the wonderful

With a Sudden and Almost Superhuman Effort I Tripped Him.

form of Elma as she turned toward me. It is return she pressed under. It was then that I realized that I had received a deep slash across the forehead, and my face was streaming with blood, which had run down into my eyes, so that I could not see.

Suddenly I heard a stealthy foot step approaching, and next moment a big, bony voice spoke which I recognized as that of our friend, the Finn.

"There is danger, excellency—a great danger. Come, I pray you!" he whisper. "Three boats are in search for us!"

And scarcely had he uttered those words when there came the sharp report of a rifle from the lake, a loud report and a bullet whistled past us and struck the stone wall of the chamber.

"Quick, excellency! Fly!" while in one to get time!" gasped the Finn, shooting by the jutted boat, calling them to row as down and out, and he, I in turn, followed me into the boat.

The three of us, headless of the consequences, plunged forward into the darkness.

CHAPTER XII.

Rescued and Lost.

There were no signs yet of the break of day. All was dark and silent as we shot the dripping of an oar or a voice, and I realized the lapping of the water beneath the boat there was no other sound. I took the hand of the fair Elma and pressed it gently.

"Courage, dear friend!" I whispered. "Three boats are in search for us, but we are safe. Courage!"

And scarcely had he uttered those words when there came the sharp report of a rifle from the lake, a loud report and a bullet whistled past us and struck the stone wall of the chamber.

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CHANGES WROUGHT BY WAR

"Tommy Atkins" of Today is a Different Being From His Prototype of a Few Years Ago.

The old portrait-picture type of British soldier, with his rammed deportment and feet at impossible angles, is now as obsolete as his red coat. This change is evident, not only in the training of the new army, but in the recent cadet schools at Strathcona and Woolwich. Alertness and agility, mental and physical, are now aimed at instead of physical rigidity and parade-ground precision as in the old times.

Swedish exercises have taken the place of conventional calisthenics. About the only piece of apparatus in the Strathcona gymnasium is the padded horse. Parallel bars, rings, heavy dumb-bells and pulley exercises have been sent away. Now the cadets are taught what is known in their slang as monkey tricks, such as walking on top of high and narrow walks and jumping safely to the ground, swinging the rope and playing under the deep shadows of the opposite shore. Out in the center of the lake we could just distinguish a long boat with three rowers going swiftly towards the entrance to the river, which we so desired to gain.

The guards were moving rapidly, the oars sounding in the rowlocks, evidently in the belief that we had made for the river. But the Finlander had apparently foreseen this, and for that reason we were lying safe from observation in the deep shadow of an overhanging tree. A grey mist was slowly rising from the water, and the Finn, noticing it, hoped that it might favor us.

If we disembark we shall be compelled to make a detour of fully four days in the forest, in order to pass the marshes," he pointed out in a low whisper. "But if we can enter the river we can go ashore anywhere and get by foot to some place where nobody can be in hiding."

What do you advise? We are entirely in your hands. The chief of police must be on board."

"I think it will be best to risk it," he said in Russian after a brief pause. "We will tie up the boat, and I will go along the bank and see what the guards are doing. You will remain here and I shall not be seen. The rushes and undergrowth are higher than a man's head. If there is danger while I am absent get out and go further inland. Then I will return to the march, then keep along its banks due south, and drawing up the boat to the bank the shrewd, big hound follow the appeared into the dark undergrowth.

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MAY MEAN END OF ALL WAR

Development of Destructive Aircraft Sure to Have Powerful Effect on Humanity.

The difficulty of properly arming and protecting aircraft lies in the fact that we cannot yet obtain sufficiently powerful engines — even though, in the course of a few years, the engines have increased in horse-power from about fifty to two hundred, says Claude Grahame-White in the Youth's Companion. But when we have engines with a power plant of, say, three hundred horse power, but of thousands, then we can imagine a perfected war machine of the future—a huge armored craft, that carries a crew of hundreds of men, and is equipped with formidable guns and aerial torpedo and bomb-dropping tubes. Such a vessel will be able to rest its wing surface when traveling at high speed, and will rush through the air as a speed of several hundred miles an hour.

But even against such metal-built monsters of the air, flying at their high speeds, we will get life in security. It is clear that he cannot fight them from the earth; he must fight them high in their own element. So in the future, if wars continue, we may have fearful struggles of the air—not small and isolated ones, such as this campaign has shown us, but battles determining land, sea, and death and destruction raining from the skies. There are those, however, who argue that such a form of war will be impossible. Nations will never so shortly that hostile fleets of aircraft will be able to destroy each other's capitals. Thought me there. He listened to the sound for a few moments, then returned saying a word.

(TO BE CONTINUED.)

Audacity of Woman Spies.

A climax to the audacity of spies is the case of Miss Edith Cavell, a nurse of a woman pretending to be English but born in Germany, who, it is said, with, in connection with another woman, organized a charitable work at the Rue de la Croix, in Paris, which they called "For the Wounded and for the Prisoners." The former was charged with illicit communication with the Germans, was given a court-martial and was sentenced to two years' imprisonment, while the latter, against whom no tangible proof could be produced, was released on a French bail-bond.

STRAWBERRY CULTURE AFTER FRUITING

Hill System Is Conducive to Rapid Maturity.

After the strawberries have finished fruiting, if the bed is to be kept for another season, mow off the weeds and rake off the material. Then with one-horse cultivator plow a shallow furrow from each side into the row. Harrow the runners and grass plowed under in about two weeks. Now will be well to narrow the ridges down with the one-horse harrow, going twice in each row.

If grass and weeds are growing in the strawberry rows, take the two section smoothing harrow and give the runners a thorough breaking up across the rows. The harrow will tear out some plants, but there will be enough left. Fork off the rubbish left over the rows with a strong steel fork, and cut out the deep-rooted weeds and bunches of grass which the harrow did not root out. This is the finishing touch for the year's work.

If nothing goes to fruit a bed over two years, but it pays to fruit it two or three years, if it is not too much grass and weed grown. After harrowing, sow 500 pounds of strawberry mixture of animal bone meal and muriate of potash to the acre. The dressing will produce a vigorous growth of the vines. Cultivate and harrow the runners between the rows. Loosen up the ground with the narrow-bladed cultivator, running between the plants in the rows.

Strawberry plants set this spring will now be forming runners; the first runner plants should be trained to grow in the rows. This may be done with the cultivator and the late runners should be cut off. The object should be to have narrow rows of large, deep rooted, thrifty plants. These are the plants that will give the largest yield and the choicest fruit. Too many plants act as weeds and absorb the moisture and plantfood needed by the fruiting plants. With good management the yield of fruit the second year will be equal to the first year's yield, and often surpass it in quality of fruit. Any reasonably good soil will produce extraordinary

RECIPE FOR MAKING A GOOD WHITEWASH

Various Tints or Shades May Be Obtained by the Addition of Suitable Dry Colors.

The liberal use of whitewash around a farm is most desirable. To use in the poultry house, dairy barn and other buildings of a similar character is highly recommended by many authorities. An excellent recipe is as follows:

Slake one-half bushel of good lime with boiling water and strain. Add seven pounds of salt dissolved in warm water. Boil three pounds of ground rice to a thin paste and stir in while boiling hot. If rice is not obtainable, one pound of potash or one-half pound of Spanish whiting may be used instead of rice by soaking in water, then heating in a double vessel until dissolved. Add this to the mixture. This is proper consistency and apply hot, if possible. It will require about five gallons of water to make a large pail of lime and will cover about one square yard. If a tint or shade is desired, a little ultramarine blue may be added to the mixture for yellow. Various tints may be made by the addition of other colors.

Bordeaux for Celery.

It is essential to spray celery with Bordeaux mixture in order to obtain celery disease, but this should be done with great care. Experience has shown that the celery is not drenched with the mixture, as the spray falls from the drops begin to run down the stalks, otherwise the poisonous copper gets between the stalks and unless consumed it carefully, harm may result.

Pick Ripe Cucumbers.

Pick cucumbers when ripe whether you can use them or not, as they weaken the vines if left on.

NICOTINE SPRAY TO ERADICATE BEETLES

Several Solutions on Market Which Are Fatal to Insects When Properly Applied.

By WILLIAM MOORE, Minnesota Experiment Station.

A concentrated nicotine solution of which there are several brands on the market, properly applied, is fatal to the larvae of the cucumber beetle which sometimes does a large amount of damage to cucumbers whether in the cold frame or in the field. One teaspoonful of a 40 per cent solution of nicotine to a gallon of water is enough.

The gardener should look for the first signs of the beetle just at the close of the soil. When he discovers these he should proceed to apply the solution carefully with a narrow half pint cup, being sure to let it run down all sides of the stalk.

Fighting the larvae of the cucumber beetle is better than fighting the adult beetle itself, as the adults work chiefly on the leaves and do not get at the vital parts of the plant.

EXPERIMENTS WITH DOGPROOF FENCING

Dog-Proof Fence.

The United States government in conducting experiments with sheep on the western ranges has devised a fence which will protect flocks from attacks of coyotes. A fence such as illustrated above will allow young dogs if care is taken to stretch the line of barbed wire along the ground at the bottom. Where ground is uneven it will be necessary to grade before putting up the fence. Posts are seven and a half feet in length, set two and a half feet in the ground, and the wire is stretched at the proper distance above the ground to allow the young dogs to crawl under.

LIONS LIKED ELEPHANT MEAT

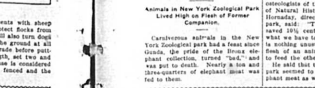
Animals in New York Zoological Park Lived High on Flesh of Former Companion.

Carnivorous animals in the New York Zoological park had a feast when Gunda, the pride of the Bronx elephant collection, turned a toe, and was put to death. Nearly a ton and three-quarters of elephant meat was fed to them.

ADAPTED FOR DESERT TRAVEL

Nature Has Equipped Camel With Especial Facilities for the Storage of Water.

The stomach of a camel is divided into four compartments and the walls of these are filled with large cells, every one of which can be opened and closed at will by the means of powerful muscles. When a camel drinks, it drinks for such a long time you really think it never means to leave off. The fact is that it is not satisfying its thirst, but is filling up its cisterns as well. One after another the cells of its stomach are filled with water, and as soon as each is quite full, it is tightly closed. Then, when a few hours later the animal becomes thirsty, all it has to do is to open one of the cells and allow the water to flow out. Next day it opens one or two more cells, and so it goes on day after day until the whole supply is exhausted. In this curious way a camel can live five or even six days without drinking at all.



Careful study should be given to the question of building and laying out the grounds to fit the needs of the farm. Too many buildings are a greater source of loss than too few. By careful planning, farm buildings can be arranged so that nearly all of the space may be profitably utilized.

Ground Grain Best.

Dairy cows cannot make as good use of whole grain as they can of grain that has been ground.

Keep the Nest Clean.

When the sitting hen leaves the nest for her daily feed, etc., examine the nest for broken and soiled eggs. Foul eggs will affect the hatch. Feed the hen on hard grain. Soft food and the mashes produce bowel trouble. Always feed the grain in hoppers and supply the hen with fresh water from a clean vessel.

Breeding for Cities.

The country is the breeding ground of thoroughbred stock for the cities.

Loading Provisions on a Battleship.

UP blockades are the last word in war on the world, and if a boy has any ambition to excel sailing in the nation's defense he can make no mistake by casting his lot with Uncle Sam. He may have a basketing for terra firma, but it is a safe bet that the army is outdistanced by the navy when it comes to the matter of dietary. The daily issue of food stuffs to the soldiers in the army, of which three meals are made, is officially known as the ration. The allowance for the army is twenty-two ounces of meat and 22 cents but last year the average cost of subsistence per man per day in the navy was $0.264, lacky being the lower by 4 cents. The purchasing power of nearly twelve cents more per man per day means a big item in the national defense.

It is not overstating the case to say that the major part of the fleet's efficiency and of the readiness of the men is due, either directly or indirectly, to the generous and varied provender which is now given them whether the ship is in port or plowing her way through stormy seas. There was a time, long ago, when tinned foods were extensively served on board our naval craft, but the food is using less and less of these all the while.

Upon this point Admiral McGowan, chief of the bureau of supplies and accounts, has recently said: "There are certain things that it is almost necessary to use as a part of a ration. For instance, there is canned corned beef, which is as well understood and as well liked in the navy that its use in a certain moderate extent is one which we should welcome to the mess—they like it. Then canned tomatoes, peas and onions, canned fruits and some vegetables are used to a large extent. Fresh vegetables are used always. But the great variety and apply but, if possible, will require about five gallons of water to make a large pail of lime and will cover about one square yard. If a tint or shade is desired, a little ultramarine blue may be added to the mixture for yellow. Various tints may be made by the addition of other colors.

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THE KITCHEN CABINET

Keep a watch on your words, my children.
These are words of wisdom.
For words are wonderful things:
They are sweet like the bees' flesh honey.
Like bees they have terrible stings.

GOOD THINGS FOR THE TABLE.

Everybody who has a garden should raise a few pepper plants to supply

stuffed peppers. Pepper is a healthful spice, and is also very appetizing flavor in salads and made dishes.

Stuffed Peppers With Egg—Parboil six fresh green peppers for five minutes, after cutting off the stem and removing the seeds and white fiber. Put two tablespoonfuls of butter into a hot frying pan and add one finely chopped onion and let it cook slowly for ten minutes; then stir in three tablespoonfuls of fine bread crumbs, salt and pepper to season, with a little more butter if necessary. Remove the pepper with a spoon and bake until the eggs are set.

Sausage With Banana.—Select sound bananas and peel; scrape away the fuzz. Cut the sausage apart, prick with a fork and fry in a smoking hot pan with water enough to parboil, leaving the sausages underdone; then water boils away and the sausage then begins to fry. Lay the bananas when done reserve to a hot platter, take out the sausage, cut in half lengthwise and the bananas cut in half lengthwise, and lay the sausages on the platter with the bananas and serve on the platter.

German Coffee Cake—Take two cups of sponge cake crumbs and fine bread crumbs, half a half cupful of butter, two eggs, a cupful of sugar, a cupful of milk, a cupful of melted butter, two eggs well beaten, a teaspoonful of soda and flour to make a soft dough. Add half a grated nutmeg, some cinnamon and mace and a generous warmed flour as can be stirred in with a spoon. Put into a greased tin and set hot. When very light, moisten the top with melted butter and sprinkle with cinnamon and bake in a slow oven 40 minutes.

Cheese and Nut Sandwiches—Mix together equal parts of grated cheese and pounded almonds, add whipped cream and mayonnaise dressing to make it creamy to spread.

FRUITS AS MEDICINE.

The more we learn about our diet and how valuable fruit is

than drugs, to keep the system in order, the less we will have to employ drugs to relieve them. The modern tendency in feeding, and treating the sick, is toward the

elimination of drugs and concentrated foods, but we still find these absolutely necessary in time of need, yet the fashion of today is to allow right living, may have no need of them.

The fresh fruits, such as oranges, grapefruit, apples, either cooked or raw, are most wholesome when taken in the morning before breakfast.

Bananas are more heavy, containing starch, and should never be given to a young child without baking.

Fruits to alternate combinations do not exert medicinal effects, but they "relieve" the system and give strength with the remedial effects are brought about.

Lemonade is a cooling and refreshing drink in the warm weather especially agreeable in time of fever. The juice of lemon is also used in making lemonade is one which will cause the kidneys to act freely.

Lemon juice is valuable as a combination with soda in a drink which softens the skin. Lemon also applied to some other fruit juices, will help to remove them, taking away the sometimes disagreeable taste which some have when they are cured. Died on a piece of lemon peel, or eat a raw apple, on an empty stomach before breakfast, as an aid to health, walk, walk!

Every woman's pride beautiful, clear white hands. Use Cuticura Soap.

Tests in Germany have shown flat pens made of tantalum outwear those of platinum.

An income tax means an outgo to check.

Landlord Likes Chess Players.

"Are you a chess player?" a landlord asked a prospective tenant. "I much prefer to have my house occupied by chess players.

"No, I am not a chess player and I won't answer for my daughter's preference," replied the would-be tenant.

"It is a wonderful game, though, and I've taught her a few moves myself. Chess players have no actions without great deliberation."—New York Globe.

HAIR OR NO HAIR?

It Is Certainly Up to You and Cuticura. Trial Free.

Hot shampoos with Cuticura Soap, followed by light dressings of Cuticura Ointment, rubbed into the scalp with tend to clear the scalp of dandruff, soothe itching and irritation and promote healthy hair-growing conditions. Nothing better, cleaner, purer. Sample each free by mail with Book. Address postcard, Cuticura, Dept. XT, Boston. Sold everywhere.—Adv.

Up-to-Date Idea.

Miss Tango—Does away?

Miss Danny—Yes, over to Philadelphia to see my aunt.

"Oh, indeed!"

"Yes, she told me all about the old time dances—the money mask and the Virginia reel. She lives in the past."

"Gee! You don't call that living!"

Safety First.

Baron—This paper says St. Louis policemen have been instructed to keep their uniform coats tightly buttoned.

Egbert—Gee! St. Louis must have some very clever watch thieves.

Always proud to show white clothes. Red Cross Ball Blue makes them so.—Adv.

If a man is a coward he tries to make others believe he is cautious.

Not long ago a famous physician in Saxony, Doctor Hotzgey, celebrated the seventieth birthday of his thumb, which he retired from active practice for some years in order to devote his time to what he had become immensely wealthy through the use of the wonderful thumb of his right hand. This thumb stands out at a right angle from the hand and, it is said, cannot be bent back automatically. He soon found it of great service to massage, and when he became a specialist in intestinal disorders he was called as assistant in the greatest surgeons of Europe, bringing relief to many illustrious patients.

The queen of Roumania sent for this doctor with the curious thumb when she suffered from facial neuralgia, while the late king of Sweden once drove a beautiful span of horses over the border of his kingdom to consult the doctor and on starting back the horses as a token of gratitude to his thumb.

There was a time, early in his career, when one of the chief assets of his thumb was looked upon as a form of charlatanism, but at last the learned Hotzgey establish his reputation that the wonderful thumb was entitled to all the honor to which it was worth, without trying to explain its mysteries.

Ha Hint.

"Now is the time to think about how to get to one's winter coal."

"Yes, that is a burning question."

In the local treatment of women's ills, the douche is indispensable. Pastine (Non-Poisonous) Powder is a soluble antiseptic powder to be dissolved in water as needed. Recommended by physicians and nurses for over 20 years. Invigorating, healthful and economical. Prepaid by mail, 50c. large box. Pastine Soap, 25c. Pastine Tablets, 25c. Pastine Booklet free. The Pastine Toilet Co., Boston, Mass.