THE CIRCULAR STAIRCASE APPARATUS FOR TESTING TEMPERATURE OF

BY MARY ROBERTS RINEHART PLLUSTRATIONS BY ROYWHITERY

SYNOPSIS.

Miss Innex, spinster and guardian of the day before. sertrode and Halsey, established summer tendquarters at Sunnyside. Amidst nuheadquarters at Sunnyside. Amidst numerous difficulties the servants descried. As alloss inness locked up for the might she was startled by a dark figure on the terranda. Unseemly noises disturbed her during the night, in the morning Miss lunes found a strange link cuff-butten in a lamper. Gertrude and Halsey arrived with Jack Builey. The house was awakened by a reacher shot and Arnold Armstrong was found shot to death in the hall. Miss lunes found Halsey's revolver that she doesn't to two months a to two months ago, when she and her mother went west, I was the happiest fellow on earth. Then something made a difference she wrote me that her people were opposed to the marriage. That her feeling for me was what it had always been, but that something had happened which had something had happened were opposed to the market had something had happened which had something had happened were opposed to the market had something had happened were opposed to the market had something had happened which had something had happened which had something had happened were opposed to the market had something had happened were opposed to the market had something had happened which had something had was not to write until she wrote me, and whatever occurred. I was to think the best I could of her. It sounded like a puzzle. When I saw her yes terday, it was the same thing, only, perhaps, worse."

"Listen," she said, standing in the middle of the floor and holding on to me. "Oh, Miss Rachel, it's the ghost of that dead man hammering to get in!"

So in spite of her protests, I left middle of the floor and holding on to me. "Oh, Miss Rachel, it's the ghost of that dead man hammering to get in!"

Sure enought, there was a dull thud hear Halsey creaking cautiously down between Louise and Louise and Arnold had a seg talk the right of the murder Louise he was preserved. Louise told Halsey, I asked, have you idea of the nature of the interbet was preserved. Louise told Halsey, that while she still leved him she was to

Gertrode and Halsey went for a long walk that afternoon and Louise slept. Time bung heavy on my hands, and I did as I had fallen into a habit of doing lately-I sat down and thought things over. One result of my meditations was that I got up suddealy and went to the telephone. I had taken the most intense dislike to this Dr. Walker, whom I had never seen, and who was being talked of in the countryside as the finnce of Louise Armstrong.

I knew Sam Huston well. There had been a time, when Sam was a good deal younger than he is now, before he had married Anne Endicott. when I knew him even better. So now I felt no hesitation in calling him over the telephone. But when his office bey had given way to his confidential clerk, and that functionary had condescended to connect his employer's desk telephone, I was somewhat at a ions as to how to begin.

Why, how are you, Rachel?" Sam said sonorously. "Going to build that bouse at Rock View?" It was a 20year-old foke of his.

"Sometime, perhaps," I said. "Just now I want to ask you a question about something which is none of my business."

"I see you haven't changed an lota in a quarter of a century, Rachel." This was intended to be another jest. Ask ahead: everything but my donestic affairs is at your service. "Try to be serious," I said. "And tell me this: Has your firm made any plans for a house recently for a Dr. Walker at Casanova."

Tes, we have." Where was it to be built? I have a reason for asking."

"It was to be, I believe, on the Armstrong place. Mr. Armstrong himself consulted me, and the inference was -in fact, I am quite certain-the house was to be occupied by Mr. Armstrong's daughter, who was engaged to marry Dr. Walker."

the different members of my family, rington? and had finally rung off, I was certain of one thing. Louise Armstrong was in love with Halsey, and the man she always came back to that fatal Satur- pared to call Halsey. As before, the was going to marry was Dr. Walker, day night, and the murder. Every con- night alarm had found the electric Moreover, this decision was not new: marriage had been contemplated for some time. There must certainly be some explanation-but what was it?

telegram Mr. Harton had opened. She something to work on in town or he asleep, and with his door unlocked. seemed to understand, but an unhap-would have returned. pier face I have never seen. She looked like a criminal whose reprieve proaching.

CHAPTER XV.

Liddy Gives the Alarm.

The next day, Priday, Gertrude, broke the news of her stepfather's



as she could, telling her first that he was very ill, and finally that he was tagonistic to Gertrude's lover, but I dead. Louise received the news in the most unexpected manner, and other. I took no one on faith. when Gertrude came out to tell me

"He was a bully as well as a rasal. Gertrude," I said. "But I am con- tome to have a sinister appearance, but vinced of one thing; Louise will send we kept that wing well lighted, and for Halsey now, and they will make until the lights went out at midnight to derive their descent from an at-

For Louise had steadily refused to know its history.

face in the shadow, and my heart fair- ing on my door. ly ached for him. He was so big and I was up at once, and with the lie down on the bed. boyish! When I had finished he drew sound of my footstep on the floor the

nothing will convince me, Aunt Ray, through the keyhole. that she doesn't care for me. And up "Miss Rachel!" some listening and trying to locate the to two months ago, when she and her body was saying, over and over. something had happened which had was greenish-white, and she had a whoever it is, Aunt Ray, and go to changed her ideas as to the future. I red and black barred flannel petticoat Louise, will you? She may be awake

idea of the nature of the interview -thud-thud-it came apparently the main staircase. The rapping, or between Louise Armstrong and Arn- from the wall.

see Halsey all that day, and the boy | On Friday night, then, I had gone to bed, resolved to go at once to sleep. We had a quiet hour, Halsey and I, Thoughts that insisted on obtruding that evening, and I told him several themselves I pushed resolutely to the things; about the request that we back of my mind, and I systematically give up the lease to Sunnyside, about relaxed every muscle. I fell asleep the telegram to Louise, about the soon, and was dreaming that Dr. rumors of an approaching marriage Walker was building his new house between the girl and Dr. Walker, and, immediately in front of my windows; occasion had no influence on her; she last of all, my own interview with her I could hear the thump-thump of the had seen the ghost, she persisted, and hammers, and then I waked to a she wasn't going into the hall. But He sat back in a big chair, with his knowledge that somebody was pound- I got her over to my room at last.

low knocking ceased, to be followed "Whatever Louise does," he said, immediately by sibilant whispering again, but they were fainter. Halsey

more dead than alive, and made her

The tappings, which seemed to have

ceased for a while, had commenced

came over in a few minutes, and stood

"Give me my revolver, Aunt Ray,"

he said; and I got it-the one I had

found in the tulip bed-and gave it to

him. He saw Liddy there and divined

pounding, had ceased, and the silence

ly as it came. I stood frozen and still. Every drop of blood in my body

seemed to leave the surface and gath-

er around my heart. In the dead si-

lence that followed it throbbed as if it

would burst. More dead than alive,

I stumbled into Louise's bedroom. She

CHAPTER XVI.

In the Early Morning.

The coverings had been thrown back.

and Louise's pink silk dressing-gown

was gone from the foot, where it had

lain. The night lamp burned dimly,

revealing the emptiness of the place.

I picked it up, but my hand shook so

that I put it down again, and got

Gertrude came running toward me.

that sound? Where is Louise?"

There were voices in the hall and

"What is it?" she cried. "What was

"She is not in her room," I said

Liddy had joined us now, carrying a

light. We stood huddled together at

the head of the circular staircase.

looking down into its shadows. There was nothing to be seen, and it was

absolutely quiet down there. Then

we heard Halsey running up the main

thought I heard some one shrick

Our stricken faces told him the

"Some one screamed down there."

staircase. I followed Lim. more slow-

ly. My nerves seemed to be in a state

of paralysis; I could scarcely step. At

At the foot of the staircase, hud-

dled in a heap, her head on the lower

stair, was Louise Armstrong. She lay

limp and white, her dressing-gown

dragging loose from one sleeve of her

night-dress, and the heavy braid of

her dark hair stretching its length a

couple of steps above her head, as if

her cold hands, while Gertrude and

I sat there at the foot of that ghostly

almost the same attitude and in the

same place where we had found her

brother's body. And to add to the

far off, struck faintly three o'clock

It was four before Louise was able

to talk, and the first rays of dawn

were coming through her windows,

which faced the east, before she could

tell us coherently what had occurred.

propped in bed, and Halsey sat beside

(TO BE CONTINUED.)

while she talked.

her, unrebuffed, and held her hand

She was not dead: Halsey put her

she had slipped down.

exclamation and put down the light.

"Aunt Ray," he called sharply.

hall to where we were standing.

stupidly. "I think-it was she-who

somehow to the door.

screamed."

Who was it?"

her room."

I stood looking at the empty bed.

was not there!

sound.

exi- riage; that her feeling for me was She was leaning against the door, at once that Louise was alone. what it had always been, but that for when I opened it, she fell in. She "You let me attend to this fellow,

"It's not a ghost," I said decidedly. was almost painful. And then sud-"It was stormy. Thomas says once or twice he almost broke into the room, he was so alarmed for Louise." Liddy looked at the keyhole. "But it room, he was so alarmed for Louise." Liddy looked at the keyhole. "But it cry of terror that broke off as suddenly as it came. I stood frozen and still.



"We Had a Quiet Hour," Halsey and I.

"Another thing. Halsey," I said, | sounds very much as though some one "have you ever heard Louise mention is trying to break into the house. When the architect had inquired for a woman named Carrington, Nina Car-

"Never," he said positively. versational path led to it, and we all lights gone; the hall, save for its felt that Jamieson was tightening night lamp, was in darkness, as I went the threads of evidence around John across to Halsey's room. I hardly Bailey. The detective's absence was know what I feared, but it was a re-That day I repeated to Louise the hardly reassuring; he must have had lief to find him there, very sound down on the floor and began to rub

The papers reported that the cash- him. ier of the Traders' bank was ill in his is over, and the day of execution apparaments at the Knickerbocker—a in and half out of the door, afraid as wouldn't hold me—and wondered everything. The guilt of the defunct daring to enter. Her scruples seemed still unconscious, but she was breathpresident was no longer in doubt; the to fade, however, all at once. She ing better, and I suggested that we missing bonds had been advertised and some of them discovered. In every instance they had been used as foot-board of the bed. Halsey was horrible to me, seeing her there in collateral for large loans, and the belief was current that not less than a million and a half dollars had been realized. Every one connected with the bank had been placed under ar-

rest, and released on heavy bond. Was he alone in his guilt, or was the cashier his accomplice? Where was the money? The estate of the dead man was comparatively small- ly. And then he roused to the exia city house on a fashionable street. gency of the occasion. "All right, I give it as she told it. She lay Sunnyside, a large estate largely mortgaged, an insurance of \$50,000, you'll let me get into something-" and some personal property-this was all. The rest lost in speculation probout of the room. The demands of the ably, the papers said. There was one thing which looked uncomfortable for Jack Bailey: He and Paul Armstrong together had promoted a railroad company in New Mexico, and it was rumored that together they had sunk arge sums of money there. The business alliance between the two men added to the belief that Bailey knew something of the looting. His unexplained absence from the bank on Monday lent color to the suspicion against him. The strange thing seemed to be his surrendering himself

on the point of departure. To me, it seemed the shrewd calculation of a clever rascal. I was not actively an Daily News. The "wisest of trees," be seen flourishing under the most meant to be convinced, one way or the as Pliny termed it, evidently "likes depressing conditions. London," and flouirshes even at the That night the Sunnyside ghost be thriving little sapling has recently Charterhouse in murky Smithfield. A tow she had stood it. I think she was gan to walk again. Liddy had been planted in the pictureseque northsleeping in Louise's dressing room on ern corner of St. Paul's churchyard She just lay and stared at me, a couch, and the approach of dusk hard by the spot where once stood the She just lay and stared at me.

Aunt Ray, she said. Do you know, was a signal for her to barricade the believe she is glad glad. And she too honest to pretend anything but an extremity of excitement would but an extremity of excitement would be gradener replied: "I hope he have made her pass it after dark. I won't never bear no berries in my confess myself that the place seemed time." London mulberry trees are suppose

Liddy was shivering violently told her to get me my slippers and she brought me a pair of kid gloves, For try as we would, our thoughts so I found my things myself and pre-

"Wake up, Halsey," I said, shaking Liddy ran for stimulants. As for me,

He stirred a little. Liddy was half staircase-sat, because my knees condition not surprising, considering usual to be left alone, and not quite where it would all end. Louise was gave a suppressed yell, bolted into the get her back to bed before she came room and stood tightly clutching the to. There was something grisly and gradually waking.

"I've seen it," Liddy wailed. "A woman in white down the hall!" I paid no attention

"Halsey," I persevered, "some one is breaking into the house. Get up, won't you?"

"It isn't our house," he said sleepi-Aunt Ray," he said, still yawning. "If it was all I could do to get Liddy

London Mulberry Trees Pinbury Circus gardens, which have | been introduced by the Romans. Anjust furnished fruit for the lord mayor, other unlikely tree which appears to are by no means the sole city haunt of do well in the heart of London is the the mulberry tree, says the London fig. numerous specimens of which can a sweat in the stack keeps better in and for a cure drop down the windpipe

The Only Kind.

"It would be a good idea if brains could be gone over and renovated now and then.'

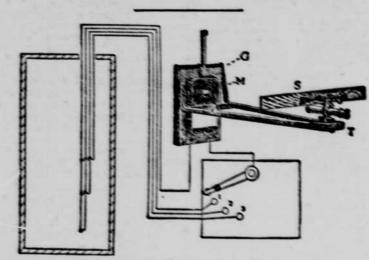
"If that were possible, some brains would have to be renovated with a vacuum cleaner."

Interchange of Confidence. "I have come here," said the cat model in the artist's studio, "for a set

"Yes," said the dog, "any one ought it was really cheerful, if one did not tempt of James I. to found a silk growto snap at that job."-Baltimore ing industry, but seem really to have American.

TEMPERATURE OF GRAIN

Heat Is Not Uncommon in Bins and When Elevator Man Can Locate It Many Dollars Can be Saved-How Done.



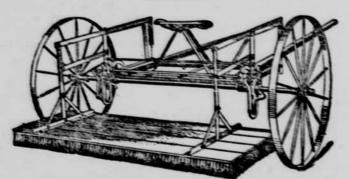
Apparatus for Testing Grain Temperature.

iften heat. A good many dollars would junctions down in the bin. A slight be saved if the temperature down in current will then flow through the gal-'be grain could be known at any time. vanometer due to the heating of the This has been made possible by the junction and will deflect the galvanof the thermo-electric pile, is used in

tection down into a bin represented much greater amount can be grown on affected. at the left. At various points taps are an acre, and the process of siloing will "The doctors did their best, but taken off with copper wire. An ordi- put the crop in excellent condition for their remedies were of no avail whatpary galvonometer and scale is placed feeding; but such are not usually the ever. Then the families tried a drugon the wall near a contact board on best for curing to feed dry, as there is gist who was noted far and wide for which the wires terminate. When the a liability of being too much waste. his remarkable cures. People came lever is in the position shown, all the This crop should not be planted too to him from all parts of the country circuits are open and the scale (S) thickly, but space allowed for air and for treatment, but his medicine made Is moved so that on looking through sun, and a fair amount of ears will add matters still worse, as a last resort the telescope the scale is shown by materially to the value of the fodder. they were advised by a friend to use reflection from the little mirror in the Plant in rows sufficiently far apart to the Cuticura Remedies. I am glad to galvanometer. Then the lever is admit of cultivation which should be tell you that after a few days' treatmoved over to point (1), for instance, the same as for that grown for the ment with Cuticura Soap, Ointment this places the galvanometer in cir- grain.

Grain stored in one targe bin will | cuit with one of the thermo-electric Sile Corn.

SUBSTITUTE FOR BUMBLE BEE



mechanical substitute for a bumble- would take a vast army of bumblebee, and its purpose is to cross-pol- bees to carry the pollen from every

staircase. He came quickly down the "There's no one trying to get in. I e under side of which is covered not be carried by the with a myriad of minute fibrous bumblebees are disappearing, there fingers arranged like the bristles of a fore, a machine to do the bumblebee's brush, says Popular Mechanics. The work is necessary. end of each fiber is covered with a rubber-like substance to which the

I said. "And-and Louise is not in pollen of the clover will cling. With a jerk Halsey took the light from Liddy and ran down the circular the foot of the stairs Halsey gave an

The implement here illustrated is a | two or three weeks. Consequently, if head of clover to some other head. The machine consists of a platform, even in a small field. The pollen can-

Boom in Beet Sugar.

Beet sugar factories are now in suc-When driven across a field, the plat- cessful operation in 16 states, Coloraform, or frame, moves up and down, do, California and Michigan being the the little fingers reaching down into leaders in the order named. The the heads of the clover. All that is largest of the factories handles three required of the operator of the ma- thousand tons of beets per day. They chine is to know when the pollen is pay the growers \$5.35 per ton and the in the proper state to be carried from acreage has increased to eight times one blossom to another by the ma- the area of ten years ago. The business seems to be profitable for the The clover pollen, unlike that of growers and improves the market most plants, is heavy and has a ten- value of farm lands in the neighbordency to adhere to the heart of the hood of the factories. The by-products. biossom. The period in which the pulp and molasses, are fed to stock inpollen can be carried from one blos creasing the amount of cattle kept and som to another lasts not longer than fed in the factory districts.

GOOD FARMING

How Three Men and a Boy Operate Successfully 160-Acre Farm -Finds Time to Give Neighbor a Lift.

(By A HIRED MAN.)

The owner of our farm and another man besides myself and a sixteen-

the end of the rope makes the job the following July.

Sometimes we help out a neighbor and he gives us a lift later. I notice he seems to be always a little ahead blood, animal tankage, nitrate of soda of our neighbors so that this arrange and high-grade potash salts. ment works well. Our grain is always stacked, although some of our neighbors thresh right out of the field.

So completely does the thresher man take this job off our hands, that fre-IS PROFITABLE quently only one man is left to our crew to check up the work done while the other two are at work on another part of the farm.

Prevents Potatoes Sprouting.

Consul General Richard Guenther, at Frankfort, reports that a German publication, the Practical Adviser in Fruit Raising and Gardening, states that a new method for keeping potatoes and preventing sprouting consists in plarear-old boy as chore boy and mes- cing them on a layer of coke. Doctor senger, farm 160 acres of land and Schiller of Brunswick, who has pubfarm it right too. In the spring we lished the method, is of the opinion similarity, just then the hall clock, put four good Lorses en a riding plow that the improved ventilation by means or three on the big disk and keep of coke is not alone responsible for the them hustling along. We harrow result, but believes that it is due to mostly with four horses, because in the oxidation of the coke, which, howthis way one man and the team can ever, is a very slow one. Coke always cover nearly as much ground as two contains sulphur, and it is very possimen and two teams. We hitch two ble that the minute quantities of oxides horses to the drill and always use a of carbon and sulphur, which result two-horse riding cultivator for the from the oxidation, mixing with the air and penetrating among the pota-When having time comes we use toes, are sufficient greatly to retard a hay loader and a side delivery rake sprouting. Potatoes so treated are and the hay fork with the borse on said to keep in good condition until

> The highest agricultural value in that the boss always takes care of fertilizers is found in those that are his own hay and grain first before manufactured mainly from animal he works out any trade. Somehow, matter, such as animal bone, dried

> > To Prevent Gapes.

Gapes have been prevented and This saves time, but our boss seems cured by using oil of sassafras. Place to think that wheat that goes through a few grops in the food for prevention. storage. Our threshing is done by a with a medical dropper. Put it on the man with his own machine and crew. head "ne under the wings for lice.

Marvelous Sense of Smeli

Remarkable Agencies and Forces In at the ends of the olfactory nerves in volved in Extraction of the Fragrance of a Rose.

What a marvelously delicate machinery is set in motion when we smell the fragrance of a rose! Simple as been shown that the minute cells mechanism itself.

the nose bear the most delicate little hairs, and it is believed that these hairs are the active agents in producing the sense of smell.

Yet when we come to inquire into the manner of operation of these cells to us, it involves the activity of most and hairs, we find that it is more rkable agencies and forces. It wenderful than the delicacy of the

LEADING MISTAKES IN LIFE

Writer Has Recorded Ten, of Which Most of Us Assuredly Have Our Share.

Some of us may be glad to be told that there are only ten life mistakes, for there seem to be so many more, but a recent writer has catalogued them. Perhaps these are only the ten leading ones from which the smaller errors arise. Let's look over the list and see how many of them are ours: First, to set up our own standard of right and wrong and judge people accordingly; second, to measure the enjoyment of others by our own; third, to expect uniformity of opinion in this world; fourth, to look for judgment and experience in youth; fifth, to endeavor to mold all dispositions alike: sixth, to look for perfection in our own actions; seventh, to worry ourselves and others with what cannot be remedied; eighth, to refuse to yield in immaterial matters; ninth, to refuse to alleviate, so far as it lies in our power, all which needs alleviation: tenth, to refuse to make allowance for the infirmities of others.

EPIDEMIC OF ITCH IN WELSH VILLAGE

"In Dowlais, South Wales, about fif-Zeleny thermometer, says Popular ometer mirror so that the scale as you teen years ago, families were strick-Electricity. About 90 years ago it look through the telescope will ap- en wholesale by a disease known as was found that two metals, such as pear to move over. The distance the itch. Believe me, it is the most bismuth and antimony, if heated while which it moves indicates the temper-terrible disease of its kind that I in contact would generate an electro- ature of the junction, as the scale is know of, as it itches all through your motive force and this principle, that calibrated to read in temperatures. body and makes your life an inferno. Sleep is out of the question and you If for the silo the large growing feel as if a million mosquitoes were In the illustration one wire of nick-kinds of corn that will mature suffi- attacking you at the same time. I el-copper is run in a conduit for pro- ciently early are to be preferred, as a knew a dozen families that were so

and Resolvent, the effect was wonderful and the result was a perfect cure in all cases.

"I may add that my three brothers. three sisters, myself and all our famllies have been users of the Cuticura Remedies for fifteen years. Thomas Hugh, 1650 West Huron St., Chicago, Ill., June 29, 1909."

EASY TO ANSWER.



climbed slowly up the ladder of success, carrying his burden with him as he went; who, when he reached the top gazed upon those far beneath

The Scholar (aged \$)-I know. ma'am. It was Pat O'Rourke, president of the Hodcarriers union

A Knowing Girl. When young Lord Stanleigh came to visit an American family, the mis-

tress told the servants that in ad dressing him they should always say "Your Grace." When the young gen tleman one morning met one of the pretty house servants in the hallway and told her that she was so attrac tive looking he thought he would kiss her, she demurely replied, clasping her hands on her bosom and looking crew to check up the work done, while up into his face with a beatific ex pression, "O Lord, for this blessing we are about to receive, we thank thee."-Lippincott's.

> More Serious. "Mathilde Browne was very rude to an overdressed old woman she met or

the street the other day." "I know the story. The old woman turned out to be Mathilde's very rich aunt, and now she's going to give all her money to a hospital for decrepit dogs.

"Nothing of the sort. In fact, it's worse. The old woman was the Brownes' new cook-and now they baven't any."

The Home of the Cod.

There is just one other great cod bank in the world besides those off Newfoundland. It lies off Cape Agulhas, which is the southern tip of Africa, and south of the Cape of Good Hope. The Agulhas plateau is said to be almost a duplicate in size and richness of the north cod banks. But this is too far off, so there is little promise of its appeasing the hungry appetite of the world for cod.

For Breakfast-**Toasties**

with cream or milk

The smile that follows will last all day-

"The Memory Lingers"

Pkgs. 10c and 15c

POSTUM CEREAL CO., Lot.