THE CENTRE REPORTER, CENTRE HALL, PA.



Grandson-Were the girls of your time as wild as the girls of

today, Grandpa? Grandpa (eyeing modern grandma)-Not then.

#### That Won't Do

Wife (learning to drive)-Henry! That little mirror up there isn't set right.

Hubby-Why, what's the matter with it?

"I can't see anything but the car behind."

ARTFUL



Wife-Mrs. Green has another beautiful hat.

Hubby-So? It's a pity she's not as independent of such aids to appearance as you are, my dear.

#### A Respite

Rastus-Dat's better. I don't like to see yo' all frowned up. But does dat smile mean yo' forgives me?

Mandy-Stay away, man, I'se just smilin' to rest my face.

Invention wanted: a typewriter that will go non-committally illegible when I'm not sure about the spelling.

#### Ah's Very Sorry

The guest glanced up and down the menu with enthusiasm. "Oh, well," he decided finally,

"you may bring me a dozen fried oysters.'

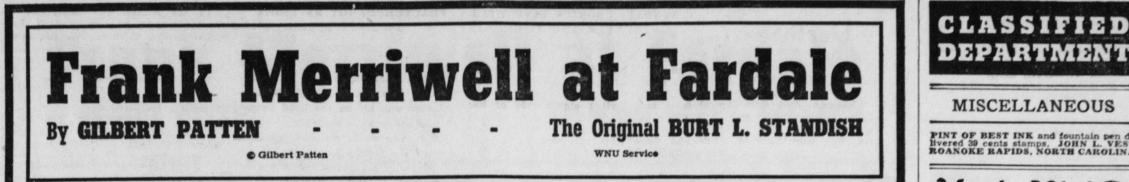
"We's out ob all shellfish, 'cept eggs, sah," said the waiter.

Dr. Pierce's Favorite Prescription is a tonic which has been helping women of all ages for nearly 70 years. Adv.

**Preserve the Well** 

Throw no stones into the well whence you have drunk .- Talmud.





#### SYNOPSIS

SYNOPSIS When Bart Hodge, a vain youth of sixteen, alights from a train at Fardale, he stumbles over a halt-blind dog and in a rage kicks the animal. The dog's owner, Tad Jones, a small, shabby boy who supports his wid-owed mother, denounces him. This nettles Bart and he slaps Tad. Frank Merriwell, an orphan of Hodge's age, prevents him from further molesting Tad. Although the two do not come to blows, Hodge sneeringly says they will have to settle their differ-ences later. He and Merriwell had come to Fardale to attend Fardale academy. While Hodge consults Joe Bemis, truck driver for John Snodd, about his baggage. Merriwell, accompanied by Tad and his dog. Shag, start walking to Snodd's place. Presently the Snodd truck, with Hodge driving, rum-bles down the road and kills Tad's dog. Occupying a room next to Merriwell's in the Snodd home is Barney Mulloy, who dis-likes Hodge. They become good friends. Merriwell offers to help Mulloy get into one of the academy dormitories by appeal-ing to Professor Scotch, a friend of Merri-well's Uncle Asher. As they leave the Burtage, a friend of Belinda Snodd. Later they meet Tad, who now has another dog. That night Bart Hodge crashes a party given by Belinda Snodd. Hodge sings and the lovely Inza Burrage plays the piano. Mulloy, sings a comic song, Hodge rushes out, accusing him of insulting Inza. She is postween them, telling Hodge that Mer-riwell is too cheap to deserve his notice. riwell is too cheap to deserve his notice. Next day Merriwell and Mulloy rush to a grove on John Snodd's farm to warn a picnic party that a large dog which Silas Glea-son gave Tad is mad and running amuck. Hodge tries to convince Inza that this is just a trick of Merriwell's.

#### CHAPTER III-Continued -5-

Then, further away, he saw Tad Jones panting along in pursuit of the beast. And once more the boy lifted his voice in a shrill warning cry that rang through the grove:

"Mad dog! Run! Run! Run!" That snapped Hodge round to look, and what he saw took the starch out of him in the wink of an eye. In the wink of another eye, he was going away from there without bothering to apologize for his haste. In his rush, he forgot about everything and everybody but himself.

The grove was abruptly filled with the wild screams of frightened girls, who fled like snowflakes before a gale.

All but Inza Burrage. She, also, started to run at last, but with almost her first step her foot turned under her and she went down. When she tried to scramble up she toppled again in a fluttering, helpless heap.

she gasped. ankiei broken!" Merriwell sprang forward, but he didn't try to pick her up and run with her. That, he knew, would be foolish. He caught up the coat that Bart Hodge had taken off some time before. Swiftly he wrapped it round and round his left fore-arm. His heart was steady now, though his face was still tense and gray. Sitting on the ground and clinging to her injured ankle with both hands, Inza Burrage watched him do that. She saw him face the oncoming dog, with her only a few feet behind him. The foaming, snarling beast was racing straight at them. The carving knife was still in Frank's hand. He crouched a little and lifted his bent left arm as the animal sprang, with a roar, at his throat. The creature's gleaming teeth closed on that arm, around which Bart Hodge's coat had been tightly twisted.

At last Snodd found his chance | him. A sense of shame drove him and the muzzle of the old gun was back to meet them. almost touching the beast's side when the trigger was pulled. The gun roared and the dog dropped, a ragged piece of Hodge's torn coat as she was panting by.

death!"

still in its foam-covered mouth. The blood-stained carving knife slipped from Frank's fingers as Mulloy lifted him to his feet. He was breathing heavily. "Thanks, Mr. Snodd," he said

huskily. "You got here just in time. I'm just about all in."

"I got here as fast as my legs would fetch me," said the farmer, staring at Merriwell. "I swan, I never expected to see anything like she gave Bart a look that was a this in all my born days." He was still breathing hard from his run with her," she said. "Why don't and the excitement. "Young feller, you had nerve to stand up to a mad dog half as big as an elephant and fight him with a carving knife. Wasn't you scairt at all?"

The ghost of a smile crept into Frank's face, to which a little color was slowly returning. "Why, yes, Mr. Snodd," he admitted, "but there didn't seem to be anything else for me to do, under the circumstances." Inza Burrage hadn't taken her eyes off him. Still sitting on the

ground and clinging to her aching ankle, she spoke up in a choked and stammering voice: "Oh, he-he-Mr. Snodd, he did it

for me! I twisted my ankle, and

"Where's Inza?" he cried. They didn't seem to hear him, and he caught hold of Belinda Snodd

"Where's Inza?" he repeated, holding her fast by the arm. "Oh! Oh, I don't know!" She could hardly speak, and her voice shook like her whole body. "That-

that awful dog! He-she-I don't know! It's terrible! I'm scared to

One of the other girls, a little blonde, had stopped of her own accord. She was trembling too, but

you know where she is?" "Why, I-I thought-" But he hadn't thought, and he

couldn't explain. He had taken to his heels and left her, and now he knew just what that made him look like. He let go of Belinda Snodd's arm and headed back for the grove.

on the jump again. It took courage of some kind for him to do that. The sound of a gun came from within the grove. Neither Hodge nor the fleeing girls had seen John Snodd coming, for all of them had fled toward the high-

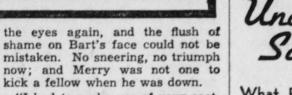
way in the vicinity of the school grounds. But the report of that gun gave Bart's heart a lift. It meant, of course, that somebody had fired at the dog. He put more

speed into his stride. They were removing the torn,

foam-covered coat from Merriwell's left arm when Bart came running back through the trees. His mouth open, his hands clutched tightly together, Tad Jones was the picture of suspense as he watched. Her face damp with tears, Inza was still sitting on the ground and watching them also. No one appeared to hear

Hodge approaching. He saw the dead dog lying where it had fallen. Snodd had dropped his gun a few steps away. That explained a part of what had happened, but he knew he could never explain what he had done. Nobody would understand, if he tried. This realization stopped him, 30

feet away. What could he say? What was there for him to say or do?



"I had to make use of your coat, Hodge," he said, "and I'm sure you'll never want to wear it again. I'll pay you for it."

Bart made no reply, and Frank went to Inza and dropped on one knee. "Now how about that ankle?" he asked.

She wasn't looking at him now. Her proud mouth was very humble. "Are you sure-dead sure-you were not touched by the teeth of that awful dog?" she asked.

He smiled. "There isn't a mark on me.'

"It's marvelous! Never, never in my life will I forget the-the way you fought that dog."

She wanted to say more than that, but the words would not come. They both felt awkward. He laughed to cover his embarrassment.

"Well, I'll remember it a while myself. I've had more fun doing other things. You mustn't try to walk on that foot. I don't believe it will be such a hard job for Barney and me to carry you back to Mr. Snodd's house. You can't weigh a ton."

Now she laughed too. "I'm an awful lightweight," she said, "especially above the ears."

Hodge heard it all. He had been paying no attention to Mulloy, who was staring at him with a look of unspeakable contempt. Bart was sorry he had come back there. That had been another mistake. He might have known there was nothing he could do to put himself right.

Feeling as empty as a dry well, he turned about and walked swiftly and silently away.

Tad Jones was the torch that started the story of Frank Merriwell's fight with the mad dog running like wildfire through Fardale village. But Pete Smith, the local reporter for a city daily, listened doubtfully to Tad's lurid account of the unflinching manner in which Frank had faced the dog and battled with it. That, Pete thought, would make a fine newspaper story, but of course it was too good to be true. So he went to question Inza Burrage, in her home, and was amazed

"What's he want to see me

be enjoying Frank's consternation,

"and tomorrow your name will be

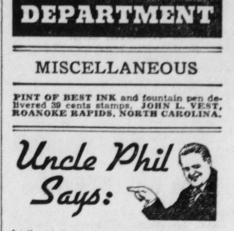
emblazoned in the public print. Fast

"But I don't want to see a re-

porter," said Merriwell, looking

around the room as if in search of a

place to hide. "And I'm not going



#### What Education Is For

No man regrets going to college, even if it doesn't enable him to make money. It gives him the understanding to comprehend so many things.

Some of the "mistakes of your youth" that you grieve most over may be those when you had an opportunity to snatch pleasure and didn't.

One excitement of the small town is wholly gone-the runaway of horses

True dignity is pretty sure to tame the impertinent.

#### **Deprivation Inspires**

Those write most thrillingly of nature's charms who see very little of them.

Self-righteous ignorance often does more damage than injustice.

One great wellspring of crime is in the determination of certain young men that they won't work for a living-let the boobs do that.

First two people who got into trouble blamed it on somebody else; which is still the usual procedure.

## Condition of Mind

YOUR whole thought current must be in the direction of your life purpose. The great miracles of civilization are wrought by thought concentration. Live in the very soul of expectation of better things, in the conviction that something large and beautiful will await you if your efforts are intelligent, if your mind is kept in a creative condition and you continue to struggle upward to your goal.

Live in the conviction that you are eternally progressing, advancing toward something that is higher, better, in every atom of your being.

**Nation Celebrates** tained Tad in every particular but **250th Anniversary** one. Her ankle had been sprained, Now enthusiastic and eager, the Swedenborg's Birth reporter got hold of Tony Accero "John

st to you If your nerves are on edge, try LYDIA E. PINKHAM'S VEGETABLE COMPOUND.

PINKHAM'S VEGETABLE COMPOUND. It often helps Nature calm quivering nerves. For three generations one woman has told another how to go "amiling through" with Lydia E. Pinkham's Vegetable Compound. It helps Nature tone up the system, thus lessen-ing the discomforts from the functional dis-orders which women must endure. Make a note NOW to get a bottle of world-famous Pinkham's Compound today WITH-OUT FAIL from your druggist-more than a million women have written in letters re-porting benefit. Why not fry LYDIA E. PINKHAM'S

Why not fry LYDIA E. PINKHAM'S VEGETABLE COMPOUND?

#### Life's Best Fruit

Toil is the law of life and its best fruit .- Sir Lewis Morris.

### A fhree Days' Cough Is Your Danger Signal

No matter how many medicines you have tried for your cough, chest cold, or bronchial irritation, you can get relief now with Creomulsion. Serious trouble may be brewing and you cannot afford to take a chance with any remedy less potent than Creomulsion, which goes right to the seat of the trouble and aids na-ture to soothe and heal the inflamed mucous membranes and to loosen and expel the germ-laden phlegm. Even if other remedies have failed,

don't be discouraged, try Creomulsion. Your druggist is authorized to refund your money if you are not thoroughly satisfied with the benefits obtained from the very first bottle. Creomulsion is one word-not two, and it has no hyphen in it. Ask for it plainly, see that the name on the bottle is Creomulsion, and you'll get the genuine product and the relief you want. (Adv.)

WNU-4

In New York, a hotel ... moderate in price ... and convenient



FIREPLACE IN COLORIAL RESTAURANT

Moderate in price ... rooms with running water...single \$1.50, double \$2.50; with bath...single \$2.25, double \$3.25. Convenient... in the center of the

shopping district, one block from Fifth Avenue, Penn Station and subways.

Good food ... you'll enjoy our meals prepared by women cooks ... only fresh regetables used ... home baked pastry.



The boy reeled back a step, striking with the knife. The force of the heavy animal's lunge had staggered him, and he barely touched the dog with that first stab.

Inza was paralyzed with fear. She could not have moved, then, had she tried.

Dropping back to the ground with its hind feet, the crazed beast tried to pull Frank down.

Tad Jones had stopped, a rod away. He was wringing his hands. Almost blinded by tears, he cried chokingly:

"Oh, Tige! Stop, Tige! Oh, Frank, 6-38 Frank!"

> Merriwell did not hear him. He heard nothing, saw nothing but the raging, red-eyed beast he was battling with. He struck again and slashed the dog, but that seemed only to make it still more furious.

Barney Mulloy had obeyed Frank and hurried all the girls but Inza away. Now he came running back through the trees and saw a sight that made his heart stand still.

"Oh, help him!" begged Inza, as Barney came up. "Oh, it's terrible! Help him! Do something, quick!"

The Irish boy looked wildly around for a rock or a club, and could find neither. He seized the small limb of a tree and began to twist it off. The dog yanked Frank down to his knees.

The tree limb was still resisting Barney. He let it go and whirled to do his best for Frank with his bare hands.

A voice shouted: "Keep away! Let me get at that critter! I'll fix him!"

John Snodd had arrived at last, with his gun. But when he tried to get into position to use the weapon he was baffled for several moments by the furious movements of the dog, which made it impossi-ble to fire without hitting Merriwell or somebody else.



"I Guess We Better Examine Your Arm First, Young Man."

fell. I couldn't run. That-that terrible, terrible dog would have torn me to pieces-only for him." Then she burst into tears.

Tad Jones had crept forward, keeping his eyes turned away from the dead dog. "They all skedad-dled!" he cried shrilly. "Ev'ry one of 'em run away 'nd left Frank to stop old Tige all by himself, Mr. Snodd. I saw it, I did. That feller Hodge was here, but he scooted like a streak. The big coward!"

"But I told Barney to get the girls away," said Frank. "He didn't know what was happening, but he came back when he found we weren't with the others. Somebody better take a look at Miss Burrage's ankle to see if it's broken." "Huh!" grunted John Snodd. "I

guess we better examine your arm first, young man. Being bit by a mad dog's a heap worse than breaking a leg.

Bart Hodge had always hated and feared dogs. The feeling was so intense that it had become what is called a phobia. He did not know the cause of it himself. It lay, probably, in some forgotten incident of his very early life.

No animal is quicker than a dog to sense fear and dislike in a human being. He is quick, too, to resent it, and he shows his resentment or contempt.

It seemed to Bart that a thousand dogs had let him know what they thought of him. They had leered at him with scornful eyes, they had sneeringly given him a look at their teeth, they had sniffed disdainfully at his heels, and two or three of them had nipped the calves of his Not one had taken a good legs. They had acted as if they bite. were not sure they would like the taste

There was, therefore, an undying feud between Bartley Hodge and all dogs. All his life he had looked forward with dread to the time when bad luck would force him to meet a "mad" dog, but he had never seen one until the day of the picnic in Snodd's grove. And now he hadn't waited to meet him.

Hodge was out of the grove and on his way to any place where the crazy dog wouldn't be liable to come before he fully knew what he was doing. He realized it suddenly. A picture of himself at that moment flashed into his mind. It stopped him as quick as he could put on the brakes.

He turned round and saw several of the frightened girls coming after Julian calendar.

Frank Merriwell was taking off when her version of the affair sushis own coat now. He looked pretty sober, but still not as disturbed and anxious as the others. Quickly he not broken. thrust the sleeve of his shirt up above the elbow.

"I don't believe the dog's teeth without wasting time. Snodd's place, Tony," cried Pete, diving into the car, "and step on the touched me," he said. "If I'm right, I owe it to Hodge's coat." Snodd took hold of Frank's wrist gas.'

Frank was writing a letter to his and turned his arm to inspect it thoroughly. "By ginger!" he cried in great relief. "I can't see even a uncle when Mulloy crashed into the room. The face of the Irish boy was teeny scratch. Now if that don't split by a grin. beat the world my head's a pun-"Be after dropping that and come

kin!" down to see a man, my lad," said Barney Mulloy put an arm round Barney. Merry's shoulders. His chin was "What man?" Frank wanted to quivering a little, but he managed to grin. "You lucky slob!" was all know. for?" "It's a reporter for a newspaper,

he could say then. But Tad Jones had less control. and he's going to make ye famous, 'Gosh, I'm glad!" he cried hop-Frankie." ping up and down as if trying to hop That made Merry drop the pen out of his skin. "I'm glad, Frank! I'm awful glad! If old Tige had and stand up. "A reporter?" he exclaimed. "Good Lord!" bit you I'd gone right off 'nd jumped

This was something he hadn't exin the ocean, I would." pected, something he wasn't pre-"Well, I'm not feeling so bad pared for, something that made him about it myself," said Frank, after shy like a skittish pony. taking a deep breath of relief. "And "Yesterday you arrived in Farit's lucky the insane beast didn't dale," said Barney, who seemed to

eat you up, Tad." "I've got something to say to Sile Gleason," declared John Snodd grimly. "Giving a little shaver a dog in that condition! He ought to be made to smart for it." Frank turned toward Inza without stopping to put his coat on again. That brought him round facing

to see him either, and answer a lot Hodge, who still stood where he had halted. They looked each other in (TO BE CONTINUED)

Use It to Measure Time Conveniently

Professor Green's clock looks more like a big speedometer than a clock. In a simple box six digits appear. They represent 100,000 equal parts of the solar day. Every time 0.864 of a second elapses by ordinary time the last digit gives place to a new one.

This decimal clock is driven electrically by a synchronous motor so geared that it turns a wheel a thousand times a Julian day. On the circumference of this wheel are 100 equally spaced contact points. Each makes an electric contact when it passes a given point. Thus impulse counters can be operated at any point in the observatory.

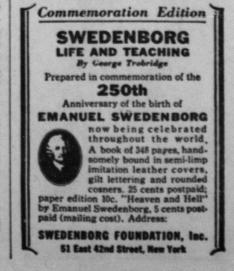
The impulse counters are much like mileage recorders. On their dials numbers appear consecutively every one-hundred-thousandth part of the mean solar day. At any instant the dial indicates the day and the decimal fraction. For example, 9 hours 30 minutes and 36 seconds would appear as 0.39625. When 0.864 seconds have elapsed by ordinary time the dial would read 0.39628.

AMAZING as it seems that one mind could encompass so many varied realms of knowledge, nevertheless it is true that Emanuel Swedenborg, the 250th anniversary of whose birth is being celebrated this year, made important contributions in many fields of science, theoretical and practical, in statesmanship, philosophy, and religion.

In 1716-1718 be published the first scientific periodical in Sweden, containing records of his mechanical inventions and mathematical discoveries, which included the first airplane design to have fixed wings ard moving propellor, the first airpump to employ mercury, and the description of a method for determining latitude and longitude at sea by observations of the moon among the stars. In the "Principia," a work on physics and cosmology, he arrived at the nebular hypothesis theory before Kant and Laplace. He was 150 years ahead of any other scientist in his works on the functions of the brain and spinal cord, and on the functions of the ductless glands.

Swedenborg served as an active member of the parliament of his country for more than fifty years, introducing fiscal reforms and much general legislation.

At the age of fifty-five Emanuel Swedenborg discontinued his scientific pursuits and began his work as a theologian, publishing the "Arcana Coelestia, Apocalypse Explained"; "Heaven and Hell"; "Four Doctrines"; "Divine Love and Wisdom"; "Divine Providence"; "Apocalypse Revealed"; "Conjugal Love"; "True Christian Religion"; and other miscellaneous theological works. Information regarding the life and achievements and the works referred to, will be sent without charge by application to the Swedenborg Foundation, 51 E. 42nd St., New York City.



# **Decimal Clock Devised: Astronomers**

work."

We divide the day into hours, minutes and seconds. For ordinary human purposes this is convenient enough; for scientific purposes, particularly when long intervals of time are involved, intolerable. Astronomers prefer the Julian calendar, according to which days are

numbered from January 1, 4713 B. C., and fractions of a day are decimals, with the day beginning at Greenwich mean noon. An event which occurred on June 1, 1937, at 36 minutes and 42 seconds past 3 p. m. standard time would have occurred at 2428686.35882 J. D., notes

a writer in the New York Times. Astronomers and navigators use this Julian system. Hence they require conversion tables. But time

devised for Amherst's astronomical

observatory. The astronomer reads it as he would any clock and sees where he stands according to the

and trouble are involved in trans-

lating ordinary time into Julian time. Hence the decimal clock which Prof. Warren K. Green has