THE SUBSTITUTE.

A FOOT BALL STORY.

By Walter Camp.

MY CHANCE. At that moment a great wave of confusion At that moment a great wave of confusion came over me, as I realized I had not once thought of the tackle whom I was to watch. I hadn't even seen him once to place him, and I determined that not regain after the After dinner we took the 8 o'clock train up same wedges. "Greene and Warner are at work on it, and Greene told me last night that they wouldn't speak to anybody till they had studied it out," replied I.

After dinner we took the 8 o'clock train up "Good," said Reland, "Green's the cleverist

thought, but I soon saw that he was much pajamas and crawled between the sheets! He was decidedly heavier than Merwin, however, and kept tessing him about and worrying him. On the first down, Brewster took the ball between guard and tackle, with a rush for five yards. "He's a perfect wonder at that," said Roland, "and how he keeps his feet so long

I can't see."
On the next play Thornton tried to make a plunge just inside tackle on Merwin's side, but the Chatham tackle saw him coming, and, although he could not get by Merwin to reach the runner, he exerted all his strength in a quick shove against Merwin, which threw him directly in Thornton's way, closing up the hole completely. It was too late for Thornton to change his direction. In fact, he had already lowered his head, and he struck Merwin hard, both going over with the Chatham tackle and guard on top of

When they got up Merwin limped, shd it was plain that he had had a hard knock. He sprang to his place, however, but Langton called for time and came over to him. After a few minutes talk Langton walked up to the Chat-

ham captain, who was on the end, close to our side of the field, and I heard him ask if he could put on a substitute. "The man isn't hurt so badly but that he could play, but I don't want to lay him up," 1 heard Langton say,
"Why, certainly, put on another man," re-

plied the Chatham captain. You can imagine that I was listening with the deepest interest.
"Much obliged," said Langton, and then,
"Goddard, we want you," and I stripped off
my sweater and ran out. As I passed Merwin hobbling off he said "Get down low,

Goddard, and look out for his leg when you go through." From that time on I lost all thought of

everything except signals containing the number eight (which was my signal to take the ball) and taking care of that tow-headed gentleman in front of me.

Twice I remember finding, just at the last

moment, that he had fooled me and I was boxed in, but both times I saw that old darling Greene, his face set like a metal mask, come swinging in between the interferers, and bring down the man I ought to have taken. Once he said to me, "Keep it up, Goddard, he's getting tired of you," and again a little later 'Keep your arms moving more when you're going through, and don't stand so still." Dudley didn't pay much attention to me

except when they tried small wedges on our side the line, and then as he would be fairly lifting two huge fellows at a time he'd grunt 'Crowd 'em back, freshman." Once, too, when I got my signal to run he

chopped off the Chatham tackle who was al-most on me as I left the line. In a pause that came while a Chatham man was recovering his wind. Thornton said to me, "You needn't try to make those holes so big, Goddard, and don't open them so early. All we want is a break in the line, and then, when we strike, jump in and shove for all you're worth."

In five minutes more the end of the first half had come, and we had scored twice, Dud kicking a goal each time from the touch-down. During the intermission Fairfax got us together, and after asking a few questions of Addison During Against Questions of Addison, Dudley and Spellman about the new wedges that Chatham had tried on us, gave two or three words of instruction about meeting them, and, almost before he had finished, the referee was calling out "Time's up," and we lined up for the second

For a long time the ball moved up and his old methodical way, you know he bodged down the field, neither side being able to get a book of rules, read them through, and it past the opponent's twenty-five-yard line. Thursday and Friday went out to the practice, the came up last night full of it. He don't know how the rest felt, but I was getting pretty tired, and I knew from the the center of the field and Chatham had it. the center of the field and Chatham had it. Their ends dropped and they began to form the wedges again, as they had earlier in the game. They began to gain at first to our rather indifferent surprise. They pushed us three yards, five yards, eight yards at a time, and things began to look serious. Langton came up and commenced to drive us up ton came up and commenced to drive to the work. Again they formed, and though we held them better, they made their five yards in three downs. They were at our twenty-five-yard line and had held the ball the days of the state of the sta steadily for seven downs.

Little Addison exhorted the big center

men to hold them harder. The Hallock cries from the side line had entirely ceased as saw their team driven steadily back into their goal, while the "Hooray! Hooray am! Chatham" came out stronger and stronger, until it seemed like one continu-Although the formation seemed the same each time, the man came out at a different place. Sometimes he came be tween guard and center, sometimes out-side of or over the tackle, and there was apparently no way of telling in which di-rection the wedge would turn. Warner and I crowded up closer to

guards, and it would go outside of us, and, though Greene and Bentley played like demons, and Thornton and Langton backed them up superbly, the damage was done bethey could reach the man. Then, too once a Chatham man had shaken once a Chatham man had shaken himser free, and, had Thornton not just caught him from behind, he would have had at least twenty yards. We could fairly feel the shadow of our goal posts as we backed silently down, giving up yard after yard to this unknown and unsolvable play. I began to wonder whether the referee would never call time. I was sure that we had played for hours, that it must have been a half hour fully since we had the ball. We were on our ten-yard line, and Addison in sheer desperation had knelt down, literally between Miller's legs, and, as the ball was snapped and handed, he drove directly into the arms of the stooping recipient. The ball slipped, dropped, and, as the whistle blew and the men pulled themselves out of the p, there lay Addison flat on his face, but ball—the ball we needed so badly, was him, tightly clasped in his arms, and assault had come to an end!

First a feeble Hallock cheer went up, then as our crowd realized that the agony was over, for a time at least, the "rah! rah! rah!" burst forth with a wild relief that was only to be measured by the fear that had prevtously shaken their hearts. The ball was passed back, and Brewster, with one of his beautiful long punts, drove it down to Chat-

They began working it back again with the same wedges, but their force was spent and the distance to be regained

There was precious little said on the ride down town, and, when the dirty, grimy crawled up the entrance staircase Stephens, there was but one demand and that was for tubs as speedily as possi-

After our baths we looked more like human beings, but we were sore and lame from the battering and our spirits were only jus neginning to recover from that fright Chatham had given us. I could see that Fairfax and Langton were still studying on the matter. The rest were beginning to relax, save Greene, Bentley and Warner. They were quiet and would talk to no one. They just got together, and in low tones discussed and reliscussed the wedges that had crowded

liscussion, but they seemed to want no one,

we'll talk about stopping it."

most of the men were in high spirits and have trouble it tom were all Dudley had lost so much weight he ought same wedges."

and I determined that not egain after the line-up should my eyes leave him. As they When we reached Littleton a crosser crowd spread out I marked him closely, a fins, big light haired fellow, with shoulders like an ox.

When we reached Littleton a crosser crown never threw their traps into carriages. In another fifteen minutes I was dragging my tired legs into 215 Maple street, and how good my own bed fell, as I slipped into my good my own bed fell, as I slipped into my

> CHAPTER VIII PREPARING FOR THE GREAT GAME. When I awoke the next morning it was ten minutes to 8, and I had just time to jump into some clothes and run over to chapel.

When I came out Harry joined me and sid: "Have you had any breakfast?" "No." I said.

"Neither have I. Let's come over

and did well, too."
"Who told you that?" inquired I.

"Roland," said he.
"Where in the world did you see Ro-

"Walking over to chapel this morning— how. Fairfax got disgusted with you that but I heard about the game from Ryerson, first week, but he feels better toward you

runner, but I found that I couldn't, and only got put out of it altogether when I did that, so finally I just went in and grabbed the bunch as hard and low as I could, and let them go over me. Then Greene and Thornton would somehow get the man when he came out, but they gained on it every time. Sometimes it didn't seem to come straight at me, but around me on the outside, and then it just dragged me right along in spite of anything I could do."

Roland sat thoughtful for a time, and then summed up the matter with the remark. 'It's got to be studied out this week or we'll have trouble in the Irion game, for the Itten team were all there, and they may use the same wedges."

"Greene and Warner are at work on it, and Greene told me hast night that they wouldn't speak to anybody till they had studied it out," replied I.

"Good," said Roland, "Green's the cleverist the first seams and point that I might readily profit from and point the played rather gingerly, and kept on Willis through him for the world anything happen to Willis through him for the world anything happen to Willis there was a thoughting from the world anything happen to Willis there was a thoughting from the world anything happen to Willis there was a boint that I might readily and the played rather gingerly, and kept on Willis throughlishing for the world anything happen to Willis there was a thoughting happen to Willis there was a thoughting from the world anything happen to Willis there was a thoughting from the world anything happen to Willis there was a thoughting from the world anything happen to Willis there was a thought

"Good," said Reland, "Green's the cleverist man on the team for getting on to plays, and I believe he'll solve the problem. He will if any one can outside of Pairfax, and Fairfax was puzzled yesterday, I'm sure."

On Monday when we climbed out of the bus, I saw Willis in a sweater running on the track, plodding along lap after lap, and when we were ready to line up he came over dripping with perspiration and threw an extra sweater over his shoulders. He get out behind me (for I was put in Merwhi's place—h's ankie proving a serious sprain)—and coached me all through the play.

Riding in he sat next to me and gave me a sound lecture on my faults. Then he continued "You will probably have to play in

tinued "You will probably have to play in my place in the Irton game, at any rate a good share of that game. Fairfax and Hart-"Neither have I. Let's come over to the Satacen." So we went over and after we had done justice to a porterhouse steak and an omelette I began to feel more like talking.
"Harry, we had a close call down there," said I.
"Yes, so I heard, and I heard also that you had a chance to play two-thirds of the time and did well too."

"And that same. Fairfax and Hart-ley have rigged up a sort of leather harness for my shoulder, and if it works all right I'm going to try to go in, and that's why I'm running and getting into condition again. Dr. Henry, the surgeon, says that it may be that the thing will work, but that he hasn't much confidence in it. He says a sharp push on that elbow would put me out of it at once if it came in the right diout of it at once if it came in the right di-rection. So you see you're likely to get your chance and, no matter which one of us in there. Irton is going to strike for that point in the line, and we must make it solid some-



"AS MERWIN HOBBLED OUT."

who came up on the 6 o'clock and dropped over to see me in the evening."

"What, that old dig? What was he doing in the city?"

"Well, Dick, we never did him justice, I'm afraid. It seems he has taken a lot of interest in your getting on the team as a representative of the school, you know, and he confessed to me last night that he had never seen a big game, so he thought he'd never seen a big game, so he thought he'd had flown like wildfire that Willis had been over on the track and was going to play, and I'm afraid. It seems he has taken a lot of interest in your getting on the team as a representative of the school, you know, and he confessed to me last night that he had never seen a big game, so he thought he'd go down. Somebody told him that he wouldn't understand unless he had watched the practice, so last Wednesday—just like

couldn't talk anything else, and he says that my opponent was playing that he felt much the same. The ball was now at ing us down that he found himself clutching the arm of a young woman who sat next him, when at last he came to his senses upon our securing the ball. He said, fortunately, the young woman wore cardinal, and was so much more out of her head than he that

she never knew anything about it."
"I never supposed old Ryerson would ever look at anything so frivolous as an athletic game." said I, pleased nevertheless. "He asked me if we would mind if he came over sometimes and talked a little foot ball. I told him I didn't know much about it, but

hung on to you and Roland and picked up the phrases. Then he hemmed about and I could see he was trying to get out some thing that embarrassed him. Finally he said, 'I'd like awfully to come over and be with you sometimes if I wouldn't be a bore, and perhaps my notes and things on some of dard. I'm sure you're welcome to them any time.' I thought then—here's another tri-umph for Dick, he's actually warmed the pockles of old Ryerson's heart up to a melt-

"I'll be right glad to take up that offer of his notes," gaid I. "for I had to cut twice last week, and directly after Thanksgiving I'm going to get at my work in good shape for the Xmas examinations. We'll teach old Ryerson foot ball and he's to keep us up to second division level for stand, or lose our good company. You make a bargain with

We went over to the room and dressed for church, and, as we came in the campus, we saw Addison and Langton looking most immaculate in frock coats and top hats, just taking Addison's sister in to church. They didn't look like the same two men who were trying to check that Chatham wedge the day

Sunday evening was always a cause homesickness to me. It had been while i was at school, and still more here at Littleton. Then, too, I missed my pipe, for when I was not training, although I wasn't a hard smoker, I used to like a pipe immensely, and with that and a book could forget that I was away from home. I suppose that the living had much to do with it, even apart from the sentimental side, for at home we dined Sunday night just as any other night, while at school and at college there seemed to be a fashion of giving a man bread and butter and ten Sunday nights, with perhaps a thin shaving of cold corned beef and a dab of jam in a saucer. I had partaken of this frugal repast and just returned to my room, when a knock on the door was followed by the appearance of

"How do you feel after your first big game?" was his salutation. "Oh, I'm all right," I answered, delighted to see him and hear how the game looked to

You did good work, Goddard, and Read (that was the Chatham tackie's name) told me after the game that you were a better man than Merwin. I used to know Read at Exeter, and I ran across him last night."
"I'm afraid Merwin wasn't very well yes

terday when he went in." I said, glad enough of the praise, however. "I tell you what, Goddard, we had a close call in those wedges of theirs just the same. Read told me that Pembroke couldn't stop Read told me that Pembroke couldn't stop them in their game a week ago, and that Chatham didn't try them until the end of the game. I thought we were gone when they got us down to the ten-yard line, and we would have been, too, if Addison hadn't crawled under. He had good luck, too, for if they had turned the wedge that time to the other side he wouldn't have been in it."

"Did you see how they worked them?" I asked.

"No, I couldn't make out, but I got some points. When they came out at guard, center and agard would push straight ahead, and they pull suddenly not even Langton.

"Don't you worry, freshman, when we've settled this thing we'll talk about it." was all that I could get out of Greene. "We've got to make up our minds just how they worked it and then we'll talk about strongles." or so. I couldn't see how they worked it on the tackle, and that was the hardest stop. his sibling bid you make anything out of it?"

"No. I couldn't. I tried at first to see the man.

who came up on the 6 o'clock and dropped since Saturday, and is going to give you all over to see me in the evening."

over on the track and was going to play, and in spite of the fact that the majority had him made them feel better to think that h might after all be the Willis of old. Tha general public opinion turn to the be lief that Hallock was not up to championship form. Irton, too, had put up a strong game against the Utley Athletic association on the Wednesday before we played Chatham, and according to all accounts, their interference was far ahead of that of former years. Be brought out the flying opening wedge a year or two ago, and Bradshaw, who was everywhere respected as one of the best practical

Some of our fellows who had seen the Irto men just after our Chatham game said that they seemed well pleased and confident, and the entire community with us could see that Fairfax and Hartley were decidedly worried over affairs. Yet there was an undercurrent belief among our non-players generally t "Hallock couldn't lose," and the man who had not planned to go to Brockton was

On Monday Fairfax had told me to com to the training table Tuesday morning, so presented myself in good season there. Willis had also returned, but he had his arm strapped to his side as far as the elbow and looked like anything but a man who was to play a hard match on Saturday. "Come over to the gym let and practice

found Greene, Miller and Warner describing plays on the sand to Fairfax and Hartley. Langton was listening, with an incredulous look on his face which evidently irritated Greene. "I know that's the way they did t." Greene was reiterating.

went through the signals. When the second cleven were assembled Hartley and Greene arranged them as they had figured out the Chatham wedge had been played. They played the center and guard at the front with the two ends behind and helding on to them. Then they brought in the halves and placed them behind the ends, making a sort of alleyway, the sides of which were formed by three men each. The quarter took up his usual position behind center and the full back came in between the two halves. The first few times they tried it it looked altoback came in Detween.

back came in Detween.

came from, bat not extraordinary warrwing had been noticed in the vicinity, and, so far as known, the source was never traced. That is sense of its solidity, even before it started and tumbled the opponents over and out of and whisked dway is a well known fact.

It is remarkable that living animals should be carried about in the air, but what shall

ought to grasp each other by the hips and bend forward at the hips, thus both ex-ending and yet making more firm the sides of the wedge. When the ball was snapped the quarter handed it to the full back, who went between center and guard, they trying to clear a way as far as they could push, and then opening up a hole for him quarter was to push or drag the through, as circumstances dictated. After Hartley and Greene had drilled the second eleven thoroughly on this, they tried directing it out to the tackle, and here they found it much more difficult, for all disagreed about the method. Finally it was decided to try the formation on the guard first and then, if that worked, to figure on

That afternoon Willis tried playing for about five minutes. He had on a sweater, through which showed the outlines of a huge leather cap that covered his shoulder from a few inches beyond his arm up to his where a pad was placed t its chafing him. He told s strapped under his arm neck. went from the edge clear around his chest. His upper arm was also strapped to

that should take the place of a collar bone for him, the very fact of their old reliance on trying time in the Chatham game had made sides, there were rumors of some wonderful tricks developed in secret practice under the tutelage of such experts as Lawton, who had

"All right," said Hartley, "let's have the scrubs go through it that way this afternoon and see if we can stop it." "Have 'em go through it now," said Fair-ix. "We've got helf of them here, and can

get the rest in ten minutes." So men were dispatched to get the rest of the second eleven, and meanwhile we

The

Strange and Startling Phenomena of

was raining shellfish. Little crustsceans like prawn filled the air and came down upon the grass in countless numbers. The incident created widespread comment, as the prawns originated in salt

water, which was a long distance away, and many curious theories were advanced to account for the phenomenon.

wonder of the transition of the occurrence.

Not many years ago the viliage of Kennoway, in Fifeihire, Scotland, was visited by an equally remarkable shower, consisting of small frogs. They fell like snow, filling up to the streets, from which they crevices in the streets, from which they crawled into the houses and were gathered

from the skies. Near Falkland a shower of seaweed ocseen covered with seaweed that swung in th een for a few moments immersed in the cean and then raised laden with the weed. The natives of Rajkote, India, had occasion

miles away.

would make an extraordinary showing Nearly all the showers illustrate the possibility of the distribution of animals from one section of the country to the other and explain the presence of certain animals in ponds and

overflowing time streets, and the following morning quantitiess of small fish, the sun perch, were found awimming in the gutters. Attempts were made to discover where they

It is remarkable that living animals should be carried about in the air, but what shall we say when confronted with the facts showing that minute femils float about and descend thousands of miles from the localities from which they were originally taken up. When Darwin, the distinguished naturalist, was sailing near the Cape de Verde islands he noticed that theigh a long distance from land, the air was filled with a fine impalpable dust that had an injurious effect upon the land, the air was filled with a fine impalpable dust that had an injurious effect upon the fine instruments. He collected some of the dust, and, thinking that it might contain something of interest, forwarded it to the German naturalist, Ehremberg, who, after examining it through a powerful microscope, made the remarkable announcement that it contained infusorians, stilicisms, shields and the silicons tissue of plants, in all, the remains of sixty-seven different organic forms. mains of sixty-seven different organic forms. Two of these were from salt water, the rest being fresh water forms, and from South America, as the naturalist showed; miles from the locality from which they

terferer when they actually met. I saw that there was a point that I might readily profit from, and i made up my mind to get on my speed when next I met interference.

After we had played about aftern minutes in the regular way Hartley and Greene went over to the scrab side and placed the men in position to try the Chatham wedges. At first there was considerable confusion and more or less fumbling, but after ten minutes Hartley announced that the second eleven were ready and the two teams lined up, the second having the ball, and forming as nearly as I could see exactly as Chatham had done. And the most serious part of it all was that they made ground against us, too, just as the originators had done. We fought had against it, and did occasionally stop them without gain, but it was hard work and by no means sure. I was wondering why Fairfax was not below. gain, but it was hard work and by no means aure. I was wondering why Fairfax was not taking more part in this, but I may him studying the play most carefully, first from the 'varsity side, then from the scrub.

When we stopped to rest I asked Greene if Fairfax didn's believe in the play.

"Why, my dear boy, of course he does."

"Then I don't see why he didn't help you out when the rest of you were getting it straight," sold I.

"I'll tell you, Goddard, and you'll have a chance to see it demonstrated, too, before long. Fairfax has a perfect genius for meeting plays—a defensive eye—I believe he calls it. I never saw his equal for devising the most certain blocks for any play or series of most certain blocks for any play or serie; of plays, but in order to do it effectively, that is, to be of proper service to actual players, he has to study the play without too great knowledge of how it is performed, that is, he wants to see it played rather than planned. You remember Saturday when he had only seen that Chatham wedge once or twice he seen that Chatham wedge once or twice acted our center men to stick together rather than fry to go through."

Surely enough Just then Langton came over and said Fairfax wanted a word with the We went across and he explained just who We want across and he explained just what he wanted us to do at different parts of the play. "I want it crowded toward the center," he said. "If you can't stop it turn it in all you can. And ends, don't you close in until you see the man with the ball. Keep outside until then."

Then he took the guards and center and Then he took the guards and center and gave them a fiw instructions, and we began again. Hardey and Greene had by this time settled upon a method of turning the wedgeout upon the tickle by giving the ball to the end man-that is, the half back—of either tide of the wedge. This was similar in iffect to an opening wedge we were in the half of either and transfer and the contract of feet to an opening wedge we were in the habit of playing, and the men took to it eastly. The result was that we tackies and ends had our hands full and were glad when time was called. That essening too, we went through it all scain hip stairs in the gym, for it was how the last weak and ofter Thursday there now the lastrwesk, and after Thursday ther, would be no more practice and nothing be-tween us and wintery or defeat at Brock-(To b Continued.)

CURIOUS SHOWERS.

A game of cricket was once interrupted in a curious way in a small town in Scot-

The day, ordinarily pleasant, suddenly clouded over, and, soon began to fall what the players thought was hail, until it was observed some of the supposed haifs ones were moving, and investigation showed that

Such showers are not known in various parts of the world, and always arouse the wonder of the observers who often see something miraciabus in the occurrence.

and swept out in heaps, to the smart ment and wonder of the villagers, who believed that the animals had literally rained down from the arises. curred during a heavy storm. It was during the winter, when the trees were bare, and the morning following the storm the limbs were brerze, presenting a singular spectacle and conveying the impression that the trees had

to long remember a shower which fell in that neighborhood. An clephant train had been passing during the forenoon, but, caught in a heavy storm, the drivers turned the great animals into some sheds which stood near. Before reaching them some of the men ne-ticed that fishes were falling, at first a few, then scores; and a few minutes later they came pattering down by hundreds, striking the elephants and riders and aliding off on to the ground. The appearance of the fishes was accepted by the superatitious natives as a miracle, as the near st stream from which they could have come was many miles away.

In these instances and others the wind in the medium. During a squail or whiriwind or some similar occurrence the stream or pond is fairly lifted into the air, its contents whirled upward and berne away, to be dropped to the earth perhaps miles distant.

A complete list of showers of various kinds in which animals have fellen to the ground

lakes that are apparently inaccessible.

After a heavy shower had once swept over Lake Gynant a shower of omall fishes resembling young herring began to fall, to the amazement of the women who were gathered about the binks washing. The storm was a particularly severe one, accompanied by thunder and lightning, and the "living rain" had evidently been transported a long dis-

originally started.

Dust is often raised in the air by the hamattan—a hot African wind—that carries it over the Atlante for thousands of miles, and there is little doubt but that went from the edge clear around his chest.
His upper arm was also strapped to his side so that it seemed impossible for him to do anything against a whole man. For all that, during the five minutes are dry ard plains, methods of dust transcaseful curve. If high this is caught by the easterly wind—a high and apparently continuous current—that blows out over the incoming lower wind and carries dust far cut over the Pacific, where, taken by other currents, it is borne hither and yon.

"I'd like to see you try it," challenged the

PALAGE REGAL

Guaranteed

to Heat

Large Rooms with

Tons of Coal

VENTILATOR

A brand new game of marbles has struck the town, says the New York Herald. With lightning rapidity it has spread from the Battery to Harlem. It is not over a week or two old, and yet by some mysterious method the youngsters have all "caught on," and they play the game by the same rules in ill parts of the town.

"Forty out" or "forty odd" is a game tha designed to fill a long felt want. Most ames with marbles can be played only upobire earth. Paving stones are too smooth nd cabblestones too rough. This fact is well known to the shopkeepers. The shop nearest a vacant lot will sell three times as many 'commies' as the others. This new game s adapted to well worn or ill-laid pavements in fact, any place where there are numerous racks and crannies will answer. Each of he places where a marble slowly rolled from 'base" will lodge is given a numerical value. After the start from "base" the marble is After the start from base the marble is rolled from the crack where it lodged. Any number of youngsters may engage in the game, and the first one scoring forty wins, but the intricacies of the count, while apparently well understood by the youthful layers, are entirely too much for the casual

PRATTLE OF THE YOUNGSTERS.

They are telling a story of the little sons f the German emperor, who have an Eng-ish governess, to whom they are warmly attached. The birthday of the governess ocerred recently, and not only the emperor and empress made her presents, but the oung princes also tried to afford their outher some special pleasure. The governess noticed among the gifts a plain little paper box. "What is this?" she asked in surprise, taking it in her hand. Seven-year-old Prince Ozcar drew himself up proudly. "That' from me," he replied. "But it's empty, said the teacher. "Yes, it's empty now," answered the prince, "but tomorrow pap is going to pull out my first tooth, and the to you." The next day the little fellow. to the governess, and she now wears it as a

element again, the first precocious frankness and simplicity of a class of 6-year-olds has been forcibly impressed upon one of the teachers in the new Blaine school, says the Philadelphia Record. Preparatory to opening the achievement of fishes. The fall-of rain was extraordinary, overflowing the streets, and the following morning quastification. asked a youngster what was his father's

asked a youngster what was his father's name.
"Baxter," was the reply...
"What is his full name?"
"Mister Baxter," said the boy.
"No, no," the teacher continued, rather impatiently; "what is his first name?"
A gleam of comprehension brightened the lad's face, and he blurted out;
"Ma calls him 'Bill!""

"Ma calls him 'Bill!"
In order to determine another little felow's place of nativity he was asked:
"Were you born here?"
With all seriousness he responded: "No'me. I was borned on Tyler street."

"Do you want a boy?" he inquired of the magnate of the office "Do you need a boy?" asked the applicant, nowise abashed.
"Nobody needs a boy!"

Well, say, mister, do you have to have

The magnate collapsed. "I'm sorry to say we do," he said, guess you're about what we want." "Johnny," said the teacher, "have you

finished your composition?" "Yelsum. "Read it."
"Little boys when at school should not make faces at the teacher and should not study too hard, 'cause it makes them near-sighted, and should not sit too long in one

position, 'cause it makes their backs crooked and should not do long examples in arith-metic, 'cause it uses up their pencils too "Bobby," said the teacher in a Boston

portation are observed. On the borders of the Mojave desert tail columns of reddish-brown dust can often be seen in the summer, first small spirals rising but a few feet above the ground, then reaching upward to hundreds, even thousands of feet in the zir, and moving on before the wind with a ziraceful curve. If high this is caught by the

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"You must not interrupt. We are only supposing. Now, if you had forty oranges and I took twenty, how would you find how Ted gave his head a disdainful toss 'Pooh!" he said, 'any one could do that.'
'Then how would you do it?"
'1? Why, I'd count 'em, of course."

FLOATING FORTS.

The Accepted Designs for Two Monster Battleships. The Fifty-third congress authorized the construction of two first class battleships, and the plans for those vessels for the navy have been prepared, the designs completed for the inspection of ship builders, bids will scon be solicited for their construction at a cost of about \$4,000,000 each, exclusive of armament, and the Fifty-fourth congress will be asked to provide the money with which work on the battleships may be prose-

These two fine war ships, says the New York Times, will have each 368 feet length, will be 72 feet beam, mean draught of 23½ feet, normal displacement of about 11,500 tons, normal coal capacity of 410 tons, and total coal capacity, when all modes of storage are resorted to, of 1,210 tons. The vessels are to be driven by twin screws. The engines to be of the vertical, triple expansion type, one on each shaft. The bollers will be five in number. Each ship must maintain on the trial trip a speed of sixteen knots an hour for four consecutive hours.

military masts for each vessel will be hollow, with fighting tops for rapid-fire guns.

The "vitals" of the ships will be boxed in an elliptical frame of armor. The hulls near the water line will have an armor belt of : maximum thickness of fifteen inches and mean depth of seven feet six inches, extend ing from the stem to the after barbette, the maximum thickness extending over the engine

and boiler spaces.

Barbettes for thirteen-inch guns will have armor not less than fifteen inches thick, except in rear, where it will be reduced to twelve inches. The turret port plates will be seventeen inches in thickness, the balance of armor plating fifteen inches thick. The ship's side, from the armor belt to the main deck will be protected by not less than five inches of steel armor from barbette to barbette. Coal will be carried back of a portion of this

five-inch casemate armor.

A novel feature will be detected at once by those who have observed the peculiarities of battleships. This is the double turret, which was recommended by the ordnance bureau, one above the other. The armor for these turrets will be nine and eleven inches in thickness. The two turrets thus joined must be turned together, giving a center fire of four powerful guns. There will be one double turret forward and another aft on board each ship, while slong each broadside, piercing the thick wall of armor, will be arranged five-inch guns. This arrangement, together with a general scattering of guns of smaller caliber, will give the ship a most war-like appearance. It will suggest even the old line battleship, which had such a bristling appearance and such a deadly effect in its broadside fire.

The battery of the vessel will be four thirteen-inch breech-loading rifles, four eightinch breech-loading rifles, fourteen five-inch rapid-fire guns, twenty six-pounder rapid-fire guns, four one-pounder rapid-fire guns and four machine guns and one field gun. An armored deck will extend throughout

the length of the vessel. Where this steel deck is worked flat the thickness will not be less than two and three-fourth inches, and where worked with inclined sides the slopes will be three inches in thickness. A caliulose belt will be fitted along the sides the whole

length of the ship.

The conning tour will be not less than ten inches in thickness, having an armored communication tube not less than seven inches in thickness. The supply of ammunition will be 200 rounds thirteen-inch ammunition, 500 rounds five-inch ammunition, 1,500 rounds five-inch ammunition, 19,000 rounds six-pounder immunition, and 2,400 rounds one-pounder

ammunition.

The torpedo outfit will consist of five furpedo tubes, eight torpedoes, and suitable allowance of guncotton for mines and missuillowance of an inch thick at Turnbe cellaneous purposes. The terp do tubes will lighthouse, Ayrahire.

the bow.

Provisions and small stores will be carried for three months. Distilling apparatus and evaporators will be fixed for fresh water supply, the allowance of water to be carried to be sufficient for fifteen days, besides water for sanitary purposes. Clothing, contingent and small stores will be carried in sufficient quantity for the service of the ship for one year.

ship for one year. The electric lighting plant will consist of dynamo and a combination bedplate, and cach dynamo having a rated output of 400 amperes at eighty volts. The total weight of the three units complete will not exceed 31,500 pounds. The total weight of the whole electrical installation, including dynamos, engines, bedplates, all fittings, wirings, and stores, and four searchlights, will not

exceed forty-four tons.

Each ship will carry about 590 men.

HEROISM OF A MOTHER. Saved Her Own and the Lives of Her Children During a Fire. A picture of motherly heroism comes from the smoke and flame of a tenement house fire in Jersey City. On the upper floor of the burning building dwelt Mrs. Kilmur-ray and her five children, the oldest a lad of ray and her five children, the oldest a lad of 12 years. Retreat by the stairway had been cut off and the windows offered the only path to safety. There were no ladders and no time for obtaining them. The flames and smoke were close behind, and if the children were to be saved it must be done quickly. Her husband and friends were in the yard below, shouting encouragement. Without hesitation she took her children one by one and dropped them down the height

space to safety. One of the lads was slightly hurt. Then Mrs. Kilmurray hers if swung out by the clothesline and reached the ground alive, but somewhat injured by Was there ever a better example of woman's daring and nerve, says the Brook-lyn Eagle. She knew that to remain where they were meant speedy death from suffoca-tion. She had the courage to take the chance against certain death for her chil-dren on the one hand and a possibility of rescue on the other, and she did not hesi-tate. There were no womanly tremblings, no wringing of the hands and unavailing cries for help. She saw what should be done and her maternal spirit gave her the courage which she might have lacked under other conditions. She perilled her own life and theirs to secure their safety. It was an example of cool and quiet beroism, just such as women of all classes have shown in all

by one and dropped them down the height of four stories into the arms of the waiting father and friends below. Even the 18-

months-old infant was sent whizzing

ages of the world in times of stress and langer. HE CAREFULLY LOOKED

While my first impressions of the country were favorable, still after remaining there and very carefully going over the Orchard Homes lands offered for sale, my good impressions were not only confirmed, but I must in strict justice say I was forced to admit that the advantages of Orchard Homes for the intelligent purchaser were really more than they had been represented to be. I was astonished to find crops of corn, and in many cases of potatoes, growing upon land from which there had already been harvested this season first crops of tematoes, beans and other vegetables. This convinced me that the raising of two or more crops on the same land each year was plainly an absolute fact. I think also, that by intelligent and careful working of the land three or four crops can be grown each year just as easily as two crops. The native grasses are nutritious, produce well and keep green during all the year, and I understand from reliable informaion that alfalfa has been known to give as

tion that alfalfa has been known to give as high as five to eight cuttings annually. I found the land to be gently rolling, with just enough timber scattered over it to meet the wants of fuel, fence posts and other ordinary uses. The roads were in excellent condition. Water was plenty, such as running creeks and wells, the latter would average from thirty to sixty feet in depth. The water is pure and wholesome. I found the weather somewhat different from what I the weather somewhat different from what I expected. In the middle of the day the thermometer did not run near as high as it does here and the nights and mornings were always cool and pleasant.
Orchard Homes information on application

to Geo. W. Ames, gen. agt., 1617 Farnam street, Omaha, Neb. Some idea of the terrific force with which a bird passes through the air may be gained from the fact that a short time ago a common curlew flew right through a piece of plate