

rington

at last, "are you all ready?"

tenant, to get under way.

like a castle wall.

nant to be hoisted and bade Parkman,

to starboard, the sails filled, the wind was fair, and she glided gracefully

from the anchorage abaft the Britan-nia and swept toward the great liner,

whose tall sides towered above her

turned the compliment with his own

chapeau, then he turned and waved it

forward. Instantly the rails of the

Britannia swarmed with men, and from their throats at another signal

from the admiral came such a burst of

cheering as warmed the very cockles

of the melancholy Carrington's heart.

dropping behind him, on which some

where his wife's foot rested. What was she doing? Where was she liv-

111)

down the river.

delivered.

w. C. Chapman, escapade opens, not in the preceding the marriage of of Enghad, but in their life in England. The scene is awing the revolution is in England Escapade

CHAPTER XXII-Continued

"Very well," said the king, some what indifferently, it seemed, "you will repair aboard the Bellona at once Her captain has not yet joined. You will assume temporary command and take her to Weymouth, which is the nearest port to your seat, I believe You will remain there just long encrugh to get together your sea kit and receive your captain, and then you will proceed to the East Indies, reporting to Admiral Clarkson when you arrive on the station."

"And my wife, your majesty?" "I have taken care," said the king, gravely, "that she shall be carefully protected and looked after until your return at least.

"And may I not see her before I go?

"I cannot modify the orders," and swered the king. "I have already ex-tended to you unusual clemency. But I give you my word that your wife will be well cared for. She is under

A little hand fell softly upon his "God only knows!" said Carrington. desperately. "All I know is that she is well and under the king's especial shoulder with touch as light as that of thistledown. Where that hand touched him was the center of his be-ing. My lord turned his head, looked protection. We are bound for the East Indies for three years. Three years away from her! God, what a fool I've at it slowly, turned his body, followed it up, saw a face he dreamed of, tears been. Strathgate was right!" Carturned away, putting strong rolling from eyes that looked love at him, and in another moment he was constraint upon himself in order to compose his features. "Well," he said clasped in his wife's arms. This was the punishment meted out

to him by little George. He was to go to the Indies, but not alone. When 'Ready to trip," returned Parkman. "Call all hands. I'll read them my orders and then we'll get up anchor." there was time for coherent speech Ellen handed her husband another pa-In a moment the shill piping of the per appointing him captain of boatswain and his mates along the deck was followed by the trampling of Bellona, subject only to the orders of his wife. many feet. The crew, a splendid set "God bless him!" cries my lord,

of fellows, assembled in the gangways. folding his wife again to his heart. "And I say so, too," answers Ellen, Carrington read his orders to them, directed the commanding officer's pen-

"although we fought against him so long, he hath a kindly heart."

who for the present acted as first lieu-"He hath, indeed," returned Carring-ton, after a time. "He gave me his royal word that you should be well There were many expert seamen among the crew and the meaneuver looked after for the next three years, was handsomely performed. The anand the keeping of the king's word is chor was hove short, the topsails were intrusted to me. I shall see to it." "Nay," said Ellen, "you are under loosed and sheeted home, the anchor was tripped, the ship's head was cast

my command now. Look at your orders:

"'Tis even so, my little captain, laughed my lord, sweeping her to his heart again. "And what orders do you propose to issue to me?"

"I should like to present to you two As the Bellona drew abreast the of my friends." liner a burly figure suddenly appeared

"Your friends are my friends, my on the edge of the high poop of the Britannia. Recognizing the admiral, dear," returned Carrington, "and when occasion serves I shall be happy to greet them." Carrington, who had stood aft on the quarterdeck of his frigate, bared his head and saluted. The admiral re-

"It serves now," said Ellen, draw-ing herself away from him. And indeed she found it difficult, for he would by no means let her go, following her aft and still keeping his hand about her waist as she opened the door of one of the cabins.

Out thence, for all the world like a Jack-in-the-box, popped Mistress Deb orah, her cheeks redder than the scar let ribbons she affected, and stalking behind her came Sir Charles Seton in great dignity.

ing? What was she thinking of him? "I did you an injustice, Charles! He knew nothing save that in some cried my Lord Carrington. "I humbly beg your pardon. I have not heard the story"—and Seton was glad my lord's remarks were so spontaneous manner she was under the especial protection of the king; that was assurance enough that she was well cared And with this cheerful sea compliment 'but I know that you were true and these words of good will the

"It's granted, Bernard," said Seton heartily. "I could forgive you any thing, knowing how you felt over the loss of your wife, for to-day I can put myself in your place in one particu lar

"And how's that?"

"In this way," returned Seton. "Per mit me"—he seized the blushing Deb orah as he spoke-"Salute Lady Seton, Carrington.'

"What! Is it so?"

"We were married this morning, the king himself being one of the wit "And do you go with us to India?"

"Nay," answered Seton, "only to Weymouth."

And at that Carrington was very glad, for though he loved Seton much, he loved his wife more, and he wanted her for the rest of his life all to himself

Seton divined that, for presently he took Deborah by the hand and led her forth upon the quarterdeck, leaving Carrington and Ellen alone together, each in the haven where they fain would be; husband and wife, one and inseparable now and forever, locked in each other's arms (THE END.)

BUYING THEM A LITTLE DRINK.

Carrington stared long and desperately back toward the shores fast for, for no man questioned the hon-City Official Hadn't Consulted the Tastes of His Clerks. esty, sincerity or kindliness of George

the Third. It would be three years before he would see her again. The Some time ago, E. W. Bemis, super-He tendent of the city water works, asked two clerks in another city department did not even know where to write to her. He was not at all sure that the king would cause his letter to be deto make some computations for him. They worked late and finished the figlivered to her. He came to a desper-ate resolution. He would write her ures to Mr. Bemis' entire satisfaction. "That's very kind of you, boys," he another letter and send it from Wey-mouth by special messenger to the told them. "I guess I will have to buy you a little drink." king and beg him to see that it was

They didn't mind. So the three sallied forth from the city hall. Mr noon, when the Bellona was fairly in the channel beating down toward her drink dispensaries without casting as Bemis led the way down Superior When he passed some of the

ECIENCE AND INVENTION

"GROWING" CAST IRON.

Remarkable Peculiarity of the Metal and Reason for It.

That cast iron will swell remarkably in bulk when alternately heated cooled was shown about three and years ago by Alexander E. Outerbridge, Jr., of Philadelphia, who was awarded in 1904 the Elliott Cresson gold medal of the Franklin Institute for his discovery. It seems possible, from facts stated in an article in the Philadelphia Record, that this discovery may prove to be useful as well as curious. We read:

"It had long been observed that iron castings, such as grate-bars and the like, when subjected to great heat for a long period of time. warped, twisted, and eventually cracked but the true cause thereof had never been scientifically investigated, and various

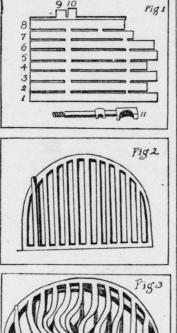
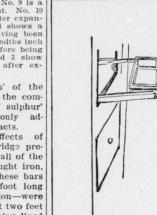


Fig. 1 shows cast-iron test bars (Nos. 1, 3, 3, 4, 6, 6, 7) all cast of same dimensions, viz.; 14 13-16x1x1 inches. Bars 2 and 4 re-main unchanged; the others have grown in cubical dimensions, under the heat treatment, from 30 to 40 per cent. No. 7 bar was cut 12 inches in length before treatment; it is now 13 inches long and 1½ inches cross-section. No. 8 is a steel bar cut 12 inches in length, and it has contracted one-cighth inch under the same treatment as bar No. 7. No. 9 is a section of bar before treatment. No. 10 is a section of the same bar after expan-sion by the treatment. No. 11 shows a plston of small pump after having been increased forty-five-one-thousandths inch in diameter on polished end before being reground to size. Figs. 2 and 3 show cast-iron gratings before and after ex-posure to heat.



of this discovery were found . . . among which the following may be noted

"In the American Machinist of July 7, 1907, a maker of marine gas-engines describes how a cast-iron piston $3\frac{1}{2}$ inches in diameter and $4\frac{1}{2}$ inches long which had become worn by friction until it was too small for further use was caused to 'grow' to its original size in one treatment and that he had been able to restore it promptly into daily use, whereas formerly a new piston would have been required, causing considerable delay and ex-

MAXIM NOISELESS RIFLE.

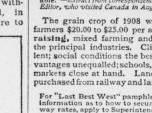
What a Test of the New Gun Demonstrated.

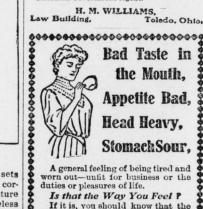
A test, made at the Springfield armory, of the noiseless rifle invented by Hudson Maxim, is described in Ma-

chinery. Says this paper: "The test demonstrated that the report of a service army rifle was so reduced by the device as to be inaudible at a distance of 150 feet from the person firing. The invention is of a nature similar to the muffler of a gas engine. Its essential parts are a valve that closes the bore of the gun imme-diately after the projectile has passed the valve. This closure of the valve prevents the sudden expansion of the gases, the gases being emitted slowly. The result is that the characteristic report of a rifle is reduced three-fourths in loudness, it being judged by the officials who were present that the efficiency of the apparatus was about seventy-four per cent. In the report of the test it is stated that upon firing, the report was like the snapping of one's fingers accompanied by a slight hissing as the gases escaped. The sound of the hammer striking the firing-pin was much sharper than the report of the piece. The invention appears to be entirely practicable and it is thought that it will work a revo-lution in warfare. The firing line of an army equipped with noiseless and smokeless rifles will be very hard to locate, as there will be neither noise nor smoke to guide the observer as to the position of the enemy. A dangerous feature of the new weapon is that it lends itself admirably to the coward-ly assassin. With a noiseless gun it will be possible to shoot down a man in the street without alarming the po lice. On the other hand, as a game gun the new rifle will be highly prized. it being possible with it to shoot an animal without scaring the remainder of the herd; but even that has its drawback, as it will tend to make the business of pot-hunting successful." SELF-CLOSING DRAWER.

An Excellent Feature of the Newest Filing Cabinet.

The newest feature of the filing cabinet system is a self-closing dawer. The card index and filing systems are now so general that no office, no matter how insignificant, is found without it in some shape. Indeed, in some establishments the walls are to





"The telephone has destroyed all the privacy of society," said the society girl. "It breaks in on everything. Nothing is sacred to it. You may be saying your prayers. The telephone. Or in the midst of your bath. The tele phone. Or doing up your back hair, or, worst of all, a delightful man may be making love to you, when k-ling, k-ling, k-ling! The telephone breaks off the thread of his theme and he fails to resume it."

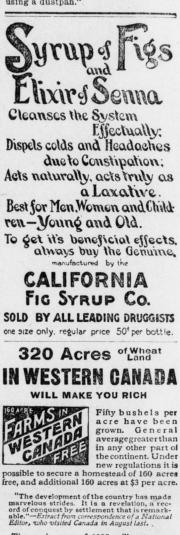
The Disturbing Telephone

Important to Mothers. Examine carefully every bottle of CASTORIA a safe and sure remedy for infants and children, and see that it Bears the Signature of Charff Thitehous In Use For Over 30 Years. The Kind You Have Always Bought

A Labor-Saver.

"See here," said the irate roomer to the chambermaid, "don't you even sweep under the bed?"

"I always do," answered the girl, innocently. "It's so much handier than using a dustpan."



The grain crop of 1908 will net many

farmers \$20.00 to \$25.00 per acre. Grain-raising, mixed farming and dairying are the principal industries. Climate is excel-lent; social conditions the best; railway advantages unequalled; schools, churches and markets close at hand. Land may also be purchased from railway and land companies.



theories, such as 'oxidation' of the metal, 'burning' of some of the component parts, 'absorption of sulphur from fuel, etc., were commonly ad-

vanced to account for the facts. "In order to study the effects of heat on metals, Mr. Outerbridge prepared a number of test-bars, all of the same size, of cast iron, wrought iron, steel, copper and bronze. These bars -which were exactly one foot long and one inch square section-were inclosed in an iron pipe about two feet long, the ends of the pipe being lined with fire-clay.

"The pipe containing the bars was then placed in a gas-furnace and heatthen placed in a gas-furnace and near-then placed in a gas-furnace and near-ed for about ten hours to a high tem-perature, but not sufficiently high to refton the pipe or melt the test-bars.

pense

my especial protection, remember

"By Gad, lad!" cried the old admiral, turning about, "get down on your knees and thank the king's majesty for his gracious clemency. You're a lucky dog and don't deserve it.'

CHAPTER XXIII. The King's Jest.

A short time after two boats pulled away from the Britannia. In one of them sat the majesty of England. There was more ruffling of bugles. more rolling of drums more blaring of trumpets, more thundering of guns, more hurrahing from the men, as the little king, thoroughly delighted with his royal clemency, was rowed back to the shore.

The other boat departed shortly after the king's, without exciting the slightest attention. The officer of the deck escorted Carrington over the side shook hands with him and the boat pulled away to the Bellona, a hand 32-gun frigate fresh from the shipyards and ready for her maiden cruise, which lay near by. Carrington was received there with

some ceremony. His arrival had been expected. Parkman, who had been transferred from the Renown, met him at the gangway and the two shook hands fervently

first lieutenant," said Carrington, gloomily, as they turned and walked first aft. "Here are my papers. As you will see, I am directed to assume charge, the captain not being aboard, and take the ship around to Wey mouth, where he will join us." "And the court-martial?" asked

Parkman "The king hath pardoned me."

"And your wife?"

destination, that Carrington went below. As there was no captain yet on the ship the quarters of that functionary by right belonged to him. He entered them without ceremony. The cabin on the new ship looked bright

It was not until late in the after-

"Clasped in His Wife's Arms."

frigate shot ahead and presently clap-

ping on more canvas bore swiftly

thought was maddening to him.

and cheery. Its equipments were rude, of course, as were those of all ships n those days, but they were better than those in ordinary vessels, the Bellona being the newest-and most advanced product of theshipyards. To a sailor of that day it was both a there spacious and delightful sea home. To Carrington it was only a prison. He did not attempt to enter the state-

rooms on either side, but sat down at the table, buried his face in his hands and groaned aloud. It was the first moment of privacy that he had enjoyed. It was the first opportunity afforded him to give way to his feelings, and he indulged himself at will Separated from his wife, and through his own folly! The future that had opened so fairly before him utterly wrecked! Three long weary years at the least, and possibly four, to intervene before he could see her again. He almost envied Strathgate-fighting desperately for life at Blythedale Hall and likely to be an invalid for the rest of his days-because he would be in

"I am ordered to this ship, Jack, as England while Carrington was far away

He had gone through so much. He had drunk so deeply the bitter cup of . repentance that he gave way com-pletely to his emotions. His body shook and trembled in his reckless abandon to his feelings. "This will never do," he said at last.

"My punishment seems greater than I can bear, and yet I must bear it; I must show myself a man for her."

much as a glance in their direction the two clerks began to wonder

"He must be going to take us to the club," whispered one to the other. At last they entered a bedizened spot at a street intersection. Walk ing up to the rail, Mr. Bemis spoke to the white-aproned attendant.

"Make us three nice sodas," he id. "What flavor will you have, said. boys?" He turned to hear their an swer. He got none. They were not

"Well, what do you know about that?" said the other to one a few minutes later when the barkeep was "drawing two." One didn't know.-Cleveland Leader.

Caves of a Cannibal Race

Strange evidences of cannibalism have been brought to light with the recent opening up of caves at One Tree Hill, Maungakiekie, New South Wales, and another link has been added to the chain of interest en circling this celebrated spot.

In one cave great piles of human bones have been discovered, mixed up indiscriminately and thrown down in one huge conical heap. These bones belonged to victims taken by the Maoris in battle and slaughtered for culinary purposes. Then they were dropped down the funnel-shaped mouth of the cave into darkness and oblivion.

A Master Stroke.

"Is your daughter as smart as her old dad?'

"Smart? Going to marry a duke." "Is that smart?"

"In this case, yes. Love match; gets him for nothing."

over night before opening, and the inclosed test-bars taken out when quite cold and accurately measured. cast-iron bars differed from all ol the others in that they had all grown permanently longer and thicker: the bars of steel showed, on the contrary, a very slight diminution in dimensions, while the other metal bars were unchanged in size.

"These tests were then repeated many times, and, surprising to relate the cast-iron bars continued growing in length, breadth and thickness, un til the increase in volume amounted to no less than 46 per cent., after which there was no further increase by sub sequent heating and cooling. It was found that the bars were unchanged in weight and retained their metallic solidity in appearance to the naked

eye. "When, however, a thin section of one of the bars was examined under a powerful microscope it was found coarser in texture than a section of the same bar before the permanent increase in dimensions had taken place

"It was also found, as might be expected, that the strength of the metal was as decreased in proportion to the permanent expansion. Mr. Outer bridge found by miscroscopic and chemical examination that the extraordinary enlargement of cast iron is due to a movement among the molecules or individual particles cast iron (which is a crystalline metal) and not to oxidation or absorption of sulphur or to burning out of any of the component parts.

'Soon various practical applications the close of September, 1908.

employes, who may leave drawers and lockers open or partially so, even for a short time, the room presents a de cidedly disorderly appearance. So to overcome this the self-closing drawer has been designed. This automatic movement on the part of the drawer is accomplished by constructing the drawer on a pair of inclined runways with an arrangement of flanges, so that as the drawer is left in an extended position its weight will gradually carry it down the incline and back to its place. It is impossible to leave the drawer standing open.

A Home-Made Barometer.

Take one-fourth ounce of pulverized camphor, 62 grains of pulverized nitrate of potasium, 31 grains nitrate of ammonia and dissolve in two ounces alcohol. Put the solution in a long, slender bottle, closed at the top with a piece of bladder containing a pinhole to admit air, says Metal Worker. When rain is coming the solid particles will tend gradually to mount, little crystals forming in the liquid, which otherwise remains clear; if high winds are approaching the liquid will become as if fermenting, while a film of solid particles forms on the surface; during fair weather the liquid re mains clear and the solid particles will rest at the bottom.

Ship Building in England.

From the returns compiled by Lloyd's Register, it appears that, ex-cluding warships, there were 319 years under compared under comsels of 733,378 tons gross under con struction in the United Kingdom al

If it is, you should know that the famous tonic laxative,

Lane's Family Medicine (called also Lane's Tea)

will give that perfect internal cleanand better that and the feeling of com-fort that makes life enjoyable. All druggists sell it in 25c. and 50c. packages.

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