# THE STRONG SWIMMER LAST SUNDAY'S SUBJECT.

From 7an., 25:11, as Fellows: "He Shall Spread Forth His mands in the Midst of Them, as He That Swimmeth Spreadeth Forth His Hands."

(Copyright 1839 by Louis Klopsch.) In the summer season, multitudes of people wade into ponds and lakes and rivers and seas, to dive or float or swim. In a world the most of which is water, all men and women should learn to swim. Some of you have learned the side stroke, introduced by George Pewters in 1850, each stroke of that kind carrying the swimmer a distance of six feet, and some of you may Grey!" It was the voice of conscience. use the overhand stroke, invented by Gardener, the expert, who by it won the 500-yard championship in Manchester in 1862, the swimmer by that stroke carrying his arm in the air for a more lengthened stroke, and some of you rosy; sin is a paralysis; sin is a conmay tread the water as though you had been born to walk the sea; but Give it a fair chance, and it will swamp most usually take what is called the you and me, body, mind and soul, forbreast stroke, placing the hands with ever. In this world it only gives a the backs upward, about five inches apart under the water, the insides of the wrists touching the breast, then pushing the arms forward coincident with the stroke of the feet struck out to the greatest width possible, and you say, "typhoid fever does not seem to thus unconsciously illustrate the meaning of my text: "He shall spread forth his hands in the midst of them, as he that swimmeth spreadeth forth his hands to swim."

The fisherman seeks out unfrequented nooks. You stand all day on the bank of the river in the broiling sun. and fling out your lines, and catch nothing, while an expert angler breaks through the jungle and goes by the shadow of the solitary rock, and, in a place where no fisherman has been for ten years, throws out his line and comes home at night, his face shining and his basket full. I do not know why we ministers of the gospel need always be fishing in the same stream, and preaching from the same texts that other people preach from. I cannot understand the policy of the minister who, in Blackfriars, London, England. every week for thirty years preached from the epistie to the Hebrews. It is an exhilaration to me when I come across a theme which I feel no one else has treated; and my text is one of that kind. There are paths in God's word that are well beaten by Christian feet, When men want to quote scripture, they quote the old passages that every one has heard. When they want a chapter read, they read a chapter that all the other people have been reading. so that the church today is ignorant of three-fourths of the Bible.

blessed.

You go into the Louvre at Paris. You confine yourself to one corridor of that opulent gallery of paintings. As you come out, your friend says to you: "Did you see that Rembrandt?" "No." "Did you see that Rubens?" "No." "Did you see that Titian?" "No." "Did says your friend, "then you did not see the Louvre." Now, my friends, I think we are too work of the set of th you see that Raphael?" "No." "Well,"

word. You cannot pronounce it with- swimmer of the Cross.

out giving the siss of the flame or the Have you ever stood by and seen hiss of the serpent. Sin! and then if some one under process of resuscitation you add three letters to that word, it after long submergence? The strong describes every one of us by natureswimmer has put him on the beach sinner. We have outraged the law of after a struggle in the waters. To ex-God, not occasionally, or now and then, cite breathing in the almost lifeless but perpetually. The Bibles declares body, what manipulation, what friction it. Hark! It thunders two claps: "The of the cold limbs, what artificial moveheart is deceitful above all things, and | ment of the lungs, what breath of resdesperately wicked." "The soul that cuer blown into the mouth of the ressinneth, it shall die." What the Bible cued! And when breathing begins, and says, our own conscience affirms. after a while the slight respiration be-

After Judge Morgan had sentenced comes the deep sigh, and the eyes open Lady Jane Grey to death, his con- | and the blue lips take on a smile, what rejoicing, what clapping of hands all 2p and down the beach! What condeed that he became insane, and ali, gratulation for the strong swimmer blaus," through his insanity he kept saying: and for all who helped in the restora-"Take her away from me! Lady Jane tion! What shouting of "He lives! He lives!" Like this is the gladness when a soul that has been submerged in sin and sorrow is "coming to." What desire on the part of all to help, and. when under the breath of God, and under the manipulation by the wounded and "were very wroth." hands of Christ, the life-eternal of the soul begins to show itself, all through the ranks of spectators, terrestrial and light against Jerusalem." celestial, goes the cry, "He lives! Re- to take Nehemiah and the city by surjoice, for the dead is alive again!" May the living Christ this moment faint intimation of its virulence. You put out for your rescue, "spreading his | the past. (2) They were rivals, and it hands in the midst of you, as a swim- pained them to see their rivals flourish. mer spreageth forth his hands to swim!"

#### Pink Satin.

be much of a disease." But wait until A pretty anecdote of a revolutionary the patient has been six weeks under bride is related by Ellen D. Larned in it, and all his energies have been a recent little volume upon the local gain wrung out, and he is too weak to lift his little finger, and his intellect gone. then you see the full havoc of the disease. Now, sin in this world is an privateers. A beautiful young girl, beailment which is only in its first trothed and shortly to be married, adstages: but let it get under full sway mitted one day to the house a Wanand it is an all-consuming typhoid. Oh, if we could see our unpardoned sins and displayed his wares. She expected, as God sees them, our teeth would chatdoubtless, to purchase some pretty trifle ter and our knees would knock together, and our respiration would be were hard, there was little money to choked, and our heart would break, If spare, and, moreover, it was many your sins are unforgiven, they are months since all imported finery had bearing you down, and you are sinking-sinking away from happiness, young woman could venture to buy it, sinking away from God, sinking away from everything that is good and was the young woman's amazement and and delight when the peddler unrolled Beecher. Then what do we want? A swima voluminous piece of the most beaumer! A strong swimmer! A swift tiful pink satin-satin, too, quite innoswimmer! And, blessed be God! in cent and inoffensive to the most ar-

my text we have him announced. "He dently patriotic eye, since he explained shall spread forth his hands in the that it was a trophy of war, the booty midst of them, as he that swimmeth stretcheth forth his hands to swim." upon it in fascination. What a wed-You have noticed that when a swimmer ding dress it would make! But the goes to rescue any one he puts off his cost-she could not, she dared not, ask heavy apparel. He must not have any such impediment about him if he is going to do this great deed. And when ric yet further, she draped the rosy Christ stepped forth to save us he shook off the sandals of heaven, and figure, and, crossing the room to where his feet were free, and then he stepped all the time her father, a stern and sidown into the wave of our transgressions, and it came up over his wounded feet and it came above the spear stab in his side-aye, it dashed to the lacerated temple, the high-water mark of wondering, and she looked up, pleading his anguish. Then, rising above the flood, "He stretched forth his hands in

LESSON VII, NOV. 12-NEHE-MIAH 4: 7-18.

Text to Commit to Memory for Life-"Match and Pray, Matthew 26: 41-Rebuilding the Walls of Jerusalem"-Builders of Society.

7. "Sanballat," "who appears to be the revenuer of the city of Samaria."--Adeney, "He was a native of Horonaim, Adeney. beyond Jordan (Neb. 2: 10), and probably a Moabite chief."-Kitto. "Toblah." chief of the little trans-Jordanic tribe of the 'Ammonites,' " and probably vizier or chief adviser to Sanballat. "Ara-The wandering Arabs of the des-"The Arab would scent prey in the project of a warlike expedition. "Ash-From Ashdod, a Philistine city dodites." near the Mediterranean coast. "Th Philistines were always hostile to Israel. Thus "all the flotsam and jetsam of hu manity, the ragged edges of society swept up by the broom of the war god," were opposed to the rebuilding of the walls,

8. "And conspired all of them together. breathed together in unison, as in singing, whispered secretly, "to come and to They planned prise, capture and slay the workers, and thus put a stop to the work. Why? (1 Because the Jews had slighted them i (3) For the Jews to prosper under God would be a stur upon their religion, and the higher morality of the Jews would disturb their conscience. (4) The building of the walls would prevent them from plundering the inhabitants in varlous ways. It took away a source of

10. "And Judah said." The Jews from deeds and traditions of a Connecticut outside the city who had been in closer county. The incident occurred soon contact with the heathen element, and after the first successes of the rebel were tainted. "The strength of the bearers of burdens is decayed.

12. "The Jews which dwelt by them." By Sanballat and the other adversaries. "They said unto us ten times." Repeatdering peddler, who undid his pack ediy, again and again. They either gave friendly notice to Nehemiah of the probosed attack, or tried to persuade their fellows from the surrounding towns to to add to her wedding outfit; but times hasten home in order to escape the

threatened danger, 14. "And I looked." He saw the enemy coming. "Rose up," to take command and give orders. "And said." He spoke beer so frowned upon that no patriotic a few words to encourage his men, telling them to remember whom they fought under,-namely, the Lord; and what they nor any dealer to sell it. What, then had to fight for-namely, their homes, all they held dear."-Professor

V. 15. The attack was not made, however. Perhaps the attacking party re-ceived word from their allies within the walls; perhaps they saw for themselves that the surprise had failed, and the Jews were prepared. This was not the first nor the last time when thorough prepof one of our own privateers! She gazed aration for fighting removed the neces sity of fighting .- Professor Beecher.

16. "Half of my gervants." His personal retainers, trained men, who had guarded him on his journey. They were so much money of her father. Nor did guarded him on his journey. They were divided into two companies, who altershe. But, unrolling the exquisite **12b**-ric yet further, she draped the rosy could not work in their armor. "Haber-Old English for coat-of-mail, folds flowingly about her supple young from "halo" (neck) and "bergen" (to protest). "The rulers," rather captains, "were behind," with the warriors, and lent man, had sat writing at his ac-counts, observing nothing, she sank 17. "They that bare burdens." The car-

upon her knees at his feet. A hand riers who could steady their load with was laid on his knee; he looked down, one hand and hold their weapon in the other.

18. "The builders" required both hands -and then he understood. Not a word in laying the wall, so that they carried was spoken on either side, but the old their swords by their side, ready to be man's hand went quietly into his desk, drew out a purse, opened it, and laid Watching and praving weak when apart.

CURRENT NOTES OF DISCOVERY AND INVENTION.

Protection from Lightning - Button Without Thread - A Handy Fixing Trough-Graphite's Many Uses-Mental Effects of the Weather.

# Mental Effects of the Weather.

Everybody probably feels that his or her mental condition depends, to some extent, upon the character of the weather. In gloomy weather we are apt to be depressed, and in fair weather exhilarated. When the atmosphere is stimulating, the mental and physical energies are enhanced. Starting from these generally recognized facts, Mr. Edwin G. Dexter has made a study of the effects of the weather on human conduct, the results of which are rather surprising. He shows, by a system of tabulation, that misdemeanors involving violence, such as assaults, are more common in bright weather, and that the same is true of suicides. On the other hand, mental errors, such as mistakes in bank figures, are more common in damp, rainy weather. His inference is that the excess of energy produced by a bracing condition of the hir is responsible for more violence than is the "ugly temper" caused by bad weather, because the latter, while lowering the spirits, diminishes the acfivity of men.

# Button Without Thread.

A detachable button, which can be fastened in an instant, without needle or cotton, and which has every appearance of a sewed one, and which will stand a great deal more strain, is a neath. A constant change of colors thing which will appeal to the man who lives in single blessedness.

This button has as an attaching device a metal hook, which, after being thrust through the material, is held firmly by a locking bar folding over the point of the hook, and held in this position by a spring.

## Protection from Lightning.

A monograph on "Lightning and the Electricity of the Air," recently issued by the United States Weather bureau, affords some interesting information upon the question of protecting buildings from lightning. To what extent is it practicable to protect a building and to what extent is it profitable to attempt such protection when it is practicable? Before answering these questions it is necessary to convey a clear idea of the nature of the lightning flash. The old idea 15 that the flash, like the moderate current of electricity with which we are familiar, follows the line of least resistance, and can be diverted by a conductor of a certain size. In this view the lightning-rod is like a channel made to convey a flow of water, and a small channel will empty a large reservoir if given time enough. But the Weather Bureau likens the lightning flash rather to an avalanche, a landslide down the side of a mountain or the breaking of a dam-the whole force is exerted in one instant and there is no after current. The flashes, however, vary greatly in volume, some of them being mild affairs. And it is always true that a well-constructed and well-arranged lightning-rod will, if given time, silently convey away a vast deal of electricity, thus lessening greatly, if not preventing, the ultimate flash. It is on this account that lightning strokes are comparatively infrequent in large cities, where lofty spires and roofs drain overcharged clouds before the stratum of air between the cloud and the houses is strained to the breaking point. It follows from the ful appliance recently invented for the avalanche-like nature of lightning that absolute protection of a building is impracticable unless the building itself-as being a steel structure-is itself a good conductor. But a very large measure of protection is within our reach. A chimney or church spire well provided with rods is almost perfectly protected and rods distributed to exposed points will reduce the risks of a wide roof area as much as seventyfive per cent. There is no definite "area of protection." The old rule was that a rod protects a radius equal to its height, and the rule may stand for want of a better, but as a matter of fact it holds good only with electrical discharges of moderate volume. Whether it pays in a particular case to invest money in lightning-rods depends upon circumstances. Sometimes the risk is so slight as to be neglected. The cost of the rods may be such as to render fire insurance preferable. Hut where the risk of being struck is very great-as in case of church spires and high brick chimneys-the value of the dark room. It is a porcelain fixing property threatened renders the lightning-rod a necessity. It may be said to he necessary also where the risk is less, as, for example, for buildings that contain a great number of personalarge summer hotels, large school buildings, asylums and expensive publie buildings. A very costly building Yes; it is all about a white billy | cannot be wisely subjected to a slight goat he wants to bring home,"-De- risk frem lightning if protection can he obtained. The risk on farm buildings is greater than on any other class of hulidings, but where their value is Non-magnetic nickel ateel acquires small it is usually preferable to rely magnetic properties after being imon insurance for protection. As to the cature of the rod, it is stated that either iron or copper may be used, and The density of carlion steel is perceptron is an good as copper, provided the | tikly decreased after the immersion.

TALMAGE'S SERMON. and pierce the diameter of everything the arm of your trust and the arm of THE SUNDAY SCHOOL. SCIENTIFIC TOPICS. section of the iron rod be enough bad in the universe. Sin is a sibilant your love-around this omnigotent THE SUNDAY SCHOOL. larger to compensate for its inferior conductivity. A red of iron weighing thirty-five ounces per foot is held to be equivalent to a copper rod weighing six ounces per foot. A flat conductor is recommended, on the ground that surface counts for more than section. Glass insulators are useless. The rod may be fastened directly to the building to be protected. The matter of greatest importance is the condition of the two extremities of the rod-a matter often neglected with disastrous results. A rod is perfectly useless-in fact, a source of danger-if its lower end is not carried down into the ground far enough to reach wet earth. It should be connected with a goodsized piece of iron buried at the lowest depth reached by the rod. The top of the rod should be pointed and plated for protection from rust. "It is ludicrous," says the Engineering News, "to run a rod down the side of a building and neglect the grounding, as is so often done, just as if the lightning were a dangerous bug which could be safely disposed of by being induced to crawl down to the bottom of the rod, and which might then be left to jump off as and where he pleased. The correct way of looking at it is to consider the rod as a channel down a mountain side to guide a possible avalanche. The larger the channel (or the less the total electrical resistance of the whole rod)-the more surely will the avalanche be confined and led through the channel provided for it."

> Wonderful Illumination. Niagara Falls is to be illuminated

by electricity during the coming Buffalo Exposition. This will be the occasion of what will doubtless be a most brilliant and startling illumination. The idea is to crect a series of tall towers on both the American and Canadian sides of the river. On the top of these lofty spires huge electric searchlights will be placed in such manner that they may be played on any part of the Falls. The imagination may picture the dazzling effect that will be produced when a score of those powerful instruments of illumination are brought to bear upon the rushing waters as they tumble irresistibly over the rocky ledge into the depths bewill be used in the manipulation of the searchlights, so that now the Falls will be like molten silver, again a flood of crimson, again as green as old ocean itself, and so on through the whole gamut of colors of the paintor's palette. The astonishing effect will be still further heightened by the use of electric arc lights in the Cave of the Winds, which will give to the water as it falls in front of it a weird, phosphorescent glow. The power of this record-making illumination will be all within easy reach, as Niagara will itself be made to do all the necessary work.

### Graphite's Many Uses.

One of the most familiar substances now named in industrial connections is graphite, and its differentiated uses and applications are really phenomenal. Not a single iron casting, says a writer in Bradstreet, is taken from its sand mold without the sand being first faced by graphite; not a gun projectile is cast but the steel is melted in a graphite crucible; not a tool, not a saw is made but from graphite crucible steel; every pound of nickel, of copper, of composition metal, of brass, is cast in some way the metal being reduced in a graphite crucible. Every printing house, for the perfection of its electrotypes, is absolutely dependent on graphite; every electrician and every department of electrical work comes under the same tribute. Graphite lubricates friction ways, and it is notably the most enduring paint pigment; the electric light, too, would shine much less easily but for graphite, the production of steel ratis has an equally intimate relation to this mineral. Among its peculiar characteristics are its immunity from any effect by heat and cold, the highest and lowest extremes of either failing to influence I'.

we are too much apt to confine ourselves to one of the great corridors of scripture truth, and so much so that there is not one person out of a million who has ever noticed the all-suggestive and powerful picture in the words of my text.

This text represents God as a strong swimmer, striking out to push down iniquity and save the souls of men. "He shall spread forth his hands in the midst of them, as he that swimmeth peradeth forth his hands to swim." The figure is bold and many-sided. Most of you know how to swim. Some of you learned it in the city school, where this art is taught; some of you in boyhood, in the river near your father's house; some of you since you came to manhood or womanhood while summering on the beach of the sea. It is a good thing to know how to swim, not only for yourself, but because you will, after a while, perhaps, have to help others.

I do not know anything more stirring or sublime than to see some man like Norman McKenzie leaping from the ship Madras into the sea to save Charles Turner, who had dropped from the royal yard while trying to loosen the sail, bringing him back to the deck amid the huzzas of the passengers and crew. If a man has not enthuslasm enough to cheer in such circumstances, he deserves himself to drop into the sea and have no one to help him. The Royal Humane society of England was established in 1774, its object to applaud and reward those who should on my arm or on my shoulder, but pluck up life from the deep. Any one don't struggle, don't try to help yourwho has performed such a deed of dar- self, and I'll take you to the shore. The ing has all the particulars of that bray- more you struggle, and the more you ery recorded in a public record and on iry to help yourself, the more you imhis breast a medal done in blue and pede me. Now, be quiet, and I'll take gold and bronze, anchor and mono- you ashore." When Christ, the strong gram and inscription, telling to future swimmer, comes out to save a soul, generations the bravery of the man or the sinner says: "That's right. I am woman who saved some one from glad to see Christ, and I am going to drowning. But if it is such a worthy help him in the work of my redempthing to save a body from the deep, tion. I am going to pray more, and I ask you if it is not a worthier thing that will help him; and I am going to spreadeth forth his hands to swim."

science troubled him so much for the

Grey! Take her away! Lady Jane

And no man ever does anything wrong,

however great or small, but his con-

science brings that matter before him,

and at every step of his misbehavior

it says, "Wrong, wrong!" Sin is a lep-

sumption; sin is pollution; sin is death.

see a patient in the first stages of ty-

phoid fever. The cheek is somewhat

flushed, the hands somewhat hot, pre-

ceded by a slight chill. "Why," you

I have sometimes thought what a spectacle the ocean bed will present when in the last day the water is all drawn off. It will be a line of wrecks from beach to beach. There is where the harpooners went down. There is where the line of battleships went down. There is where the merchantmen went down. There is where the steamers went down-a long line of wrecks from beach to beach. What a spectacle in the last day, when the water is drawn off! But oh, how much more solemn if we had an eye to see the spiritual wrecks and the places where they foundered! You would find thousands along our roads and streets. Christ came down in their awful catastrophe, putting out for their souls, "spreading forth his hands as a swimmer spreadeth forth his hands to swim"; but they thrust him in the sore heart, and they smote his fair cheek and the storm and darkness swallowed them up. I ask you to lay hold of this Christ and lay hold of him now. You will sink without him. From horizon to horizon not one sail in sight. Only one strong swimmer, with head flung you will recall the fact that the most

back and arms outspread. I hear many saying, "Well, I would like to be a Christian. I am going to work to become a Christian." My brother, you begin wrong. When a man is drowning, and a strong swimmer comes out to help him, he says to him: "Now be quiet. Put your arm to like tomatoes!" to save an immortal soul? And you weep extravagantly over my sins, and ods, a cord of spruce wood is estimated shall see, this hour, the Son of God that will help him." No; it will not to equal 515 feet of board measure, and step forth for this achievement. "He Stop your doing. Christ will do all or this quantity of raw material will shall spread forth his hands in the none. You cannot lift an ounce; you make half a ton of sulphite pulp or midst of them, as he that swimmeth cannot move an inch, in this matter of one ton of ground wood puip. Newsyour redemption.

In order to understand the full force This is the difficulty which keeps cent of the sulphite pulp and 80 per of this figure, you need to realize that thousands of souls out of the kingdom cent of the ground wood pulp. Now, our race is in a sinking condition. You of heaven. It is because they cannot as figured by expects, the best of sometimes hear people talking of what consent to let Jesus Christ begin and spruce land, virgin growth, possesses a must be to write you a nine-page letthey consider the most heautiful words | complete the work of their redemp- stand of about 7.600 feet to the acre; in our language. One man says it is iton. "Why," you say, "then is there on twenty-two acres, therefore, of this "home"; another says it is the word nothing for me to do?" Only one thing best apruce had there will stand 154.-"mother"; another says it is the word have you to do, and that is to lay 000 feet of timber, which an average "Jesus"; but I tell you the hitterest hold of Christ and let him achieve company of loggers will cut in about word in all our language, the word your salvation, and achieve it all. I eight days. But this entire guantity most angry and baleful, the word that do not know whether I make the mat- of wood, turned to at any one of the accounts for all the loathsomeasus and ter plain or not. I simply want to show large mills, will in a single day be the pang and the outrage and the har- you that a man cannot save himself, converted into about 256 tons of such rowing, and that word is "sin." You but that the Almighty Son of God pulp as goes to make up newspaper spell it with three letters, and yet those can do it, and will do it if you and shock and this amount of outp will new boarder, suspiciously .- What te three betters describe the circumference | him. Oh, fling out your two arms- | make an equal weight of paper.

in his daughter's hand forty silver dollars. At the wedding that soon ensued the bride's gown and the bridegroom's waistcoat were both of pink satin, and there was one more pretty story to hand down of a real Daughter of the Revolution.

# Improvement in Luncheon Dishes.

From the Boston Transcript: Of course, it is being trite to say it, but we do eat altogether too much meat. A good many are coming to this conclusion and trying to reform, so an observing person remarks, by eating no meat at luncheon. They aren't thinking of becoming out-and-out vegetarians, but they are thinking that a luncheon menu made up of two or three kind of vegetables, wound up with a fruit salad or with a peach or and scalded his pet dog. After supper pear eaten from the hand, is conducive she sent him into town for some hairto a physical sense of well-being that makes life seem worth the living. And have you noticed that the leading restaurateurs are doing themselves proud in catering to this sensible demand of their customers? Ten years ago, if your memory can take you back so far, comprehensive menu at your favorite lunching place offered you tomatoes in nothing but just the most straightforward and unadorned guise, but today it's very different. They are fried and brolled and roasted, with or without stuffing, and as a general thing served with a sauce that you are accustomed to having with steaks and chops, which, of course, makes them seem so much more a "dish," What you have noticed in regard to tomatoes is as true of other vegetables, though very few lend themselves to the elaborating process as they do. And to think that now and then you run across a barbarlan who declares he "had to learn

### Newspaper Wood Pu'p.

In the manufacture of newspaper wood pulp, according to present meth-Island." paper stock is made up with 20 per i Eat.

are a Gibraltar of strength when united Praying is not a substitute for the use of means, but the power that inspires zeal and activity, quickens the invention, sharpens the intellect. And on the other hand, as Dr. Crosby says, "All the natural means, whether of mind or matter, form channels through which God conhis grace in answer to prayer. To veys stop these channels is to cancel prayer. The work was completed in the brief time of fifty-two days-on the 25th of Elui (the last of September). The walls mushave been three or four miles long.

#### Biffins Was Willing.

Biffin's wife was a tartar, and she had been giving it to him hot one day. She had called him a good-for-nothing, triffing, lazy, chicken-hearted, knockkneed snipe, and had snatched the morning poper out of his hand, struck him twice with the carpet stretcher pins, and Biffins got on the street car with hard feelings against the world in general and the female sex in particular. Soon a vinegary-looking woman got into the car. When paying her fare she chose to fancy herself offended by something the conductor said. "Are there any gentlemen in this car." he called out. "who will stand by and see a woman insulted?" "Madam," said Biffins, rising eagerly, "I will!"

Crusoe's Island to Be a Colony. The island of Juan Fernandez, on which every boy has wandered with Robinson Crusoe, is to be colonized by the Chilean government. Since Alexander Selkirk died, the island has been inhabited by only a few dozen people. Now Chile is to send out at once a colony of 150 adults. The fruit trees which were planted by Selkirk have reproduced themselves, and peaches, quinces, pears and grapes are now plentiful. The Island also abounds in wild cattle, goats and pigs. The adjacent sea swarms with cod and other edible fish. The cottage which Selkirk built, and which Defoe describes, still exists as a broken-down ruin. The Chilean government proposes to christen the colony "Crusoe's

#### Affortioniste Child.

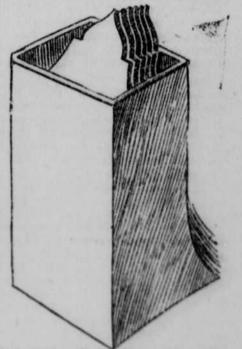
"How affectionate your little boy ter.

trail Free Press.

# A Suspleious Bearder.

Will you have some of the sugarcured ham?" asked the landlady, "What was it cured of ?" asked the

A Handy Fixing Trough. Here is a new, convenient and use-



trough in which six plates can be accommodated at the same time. Any plate can be lifted out and examined by transmitted or reflected light without solling the fingers or without any danger of dropping and breaking the plates. The six dippers are celluloid and are the quarter-plate size.

#### Liquid Air and Magnetiam.

When steel is dipped into liquid air, its magnetism is euclosity affected. mersed for five minutes in liquid air. Manganose steel is similarly affected.