## IN THE OLD BARN LOFT.

'Tis thirty years or thereabouts Since I used to roll and play And turn all kind of somersaults On the fresh and fragrant hay; A-jumping and a-tumbling On the hay so sweet and soft, At my home away back yonder In the old barn loft.

How the pigeons used to flutter, And strut about and coo! And make love to one another, Like sweethearts used to do, When I walked the risky cross-beam, Or clambered high aloft,

With half intent of falling, In the old barn loft.

How I used to frighten sister, Who was looking for the eggs, As I dangled there, head downward, Holding by my little legs; And, giving them a swing or two, I'd strike the hay so soft, At my home away back yonder,

The twittering of the swallows, While making homes of mud; The gleeful game of hide-and-seek, The slip, the sudden thud; The pattering of the raindrops Above the hay so soft, Are memories still clinging

In the old barn loft.

Of the old barn loft. -S. A. Harrison in the Inter Ocean.

## TESTED.

"What shall I do? How shall I act? It is strange, but I really do not quite know my own heart in this matter."

father had, a year previous, made her whose love is still undiminished?" own. On the table before her lay three very interesting epistles, each one and the subject of her meditation was they were written.

Her great fear was to become the anxious to adopt any plan.

The three proposals above referred a year dead; and she finally concluded swered as on the former one: to reply to each-namely, a desire to await her decision three months, as | you." there was a certain matter just then j influence it

Regarding her three suitors a few had the small pox. words may be said. Mr. Harvey Stanhope was what might be termed a genthing was evident, he was rich; any no more to inquire for her. property to live as his taste dictated.

retired merchant; retired, some said, she would recover. because he had become rich enough to provide for his family all they required: dolent to continue the business, and tions to do so. Be that as it might, expressive of his feelings. the father was retired, and the son leading a life of ease.

The third applicant for the hand of Norton entered. Edith was a young doctor-"Doctor James Norton," the sign of his office door read, and though more humble than the others, inasmuch as he was earning his bread by his profession, he had the claim of priority, for Edith and they had known each other from childhood, and strong friendship had always marked their intercourse with

each other. As to appearances, all three were considered handsome young men, and as Edith had heard nothing to the confrary, she assumed that the character of each was what that of a gentleman should be.

"For sale. Apply to Cummings &

Such was the notice that appeared on the door of the Lyle mansion about a month after Edith had answered her three proposals, and rather surprised Mr. Oswald, who had come to call on | youd the reach of every malady."

"What can this mean?" he said. "It's very strange," and he ran up the steps and pulled the bell vigorously.

No answer, however, came to his summons, and he finally learned from the lady next door that Miss Lyle had ceased to reside there, and had moved she knew not where.

Disappointed, and somewhat annoyed that she should move and not let him know of it, he returned home and there found a note awaiting him, addressed

by the fair hand of Edith. Hastily opening it he read as fol-

Mr. Hugh Oswald: Dear Sir: As you see from the above address, I am no longer to be found at my former residence, and I hasten to let you know the reason of my removel. In my reply to your esteemed proposal gether, Edith said: I said a certain matter, then undecided, might considerably influence my final answer. The matter referred to was a case then pending at law, and in- pect your love, changed as now I am." volved the question whether certain securities could be collected off my estate. The decision is given against me, and by it I am rendered penniless. my position now and a short time ago, I am constrained, in justice to myself ance. and you also, to regard your recent proposal as not made at all, and forthwith free you from all obligations connected therewith. I am at present living with friends at the above place,

future may be. Believe me, Very sincerely yours, Edith Lyle.

and Dr. Norton, the latter of whom men expressed their concern for her disappointment in regard to the law- she called Mrs. Gray to come and light suit, but would not allow their pro-

posals to be set aside on that ground. alone," said the doctor, "and whether did as requested; but imagine the deyou are rich or poor, that love remains light and surprise of the doctor when, imperishable. Nay, more, I am almost selfish enough to rejoice in the change expected to see, Edith Lyle was revealin your position, as it removes what I always considered a barrier and does away with the possibility of having my lar, the skin fair and smooth as alabassentiments ascribed to any mercenary ter. motive."

"The loss of your wealth by no means detracts from the beauty of your person," said Mr. Stanhope, "and as my wife I can promise you, together with the love of an honest heart, all the luxury to which you have been accustomed.

While thinking over the fond expressions of Mr. Stanhope and the doctor, and wondering if Mr. Oswald's love would outlive the change of fortune also, a letter was brought to her from the latter, which quite settled that question. It was as follows:

My Dear Miss: Your communication of to-day has quite shocked me, and I tion: "Who loves me best?" hasten to sympathize with you in your disappointment, and I assure you I am exceedingly sorry the law suit went early opportunity of doing so.

I am yours respectfully, Hugh Oswald.

Thus mused Edith Lyle, as she sat in law suit went against me. Very sorry, was a Confederate soldier, and was capone of the cozy little rooms of an ele- no doubt. His candor is worthy of tured at one time within the lines gant mansion, which the death of her admiration; but how about the others whilst visiting his home in Bath Coun-

one could learn that from his extrava- Not so, however, Dr. Norton. Day Stone heard of it, and went at once to gant habits. His father had been after day he came to Mrs. Gray's, and his help, and by his efforts and ability wealthy, and had left him sufficient at length was gratified to hear that finally got a verdict of not guilty. the doctor had expressed himself as Whilst Morgan's command was pass-Mr. Hugh Oswald was the son of a confident that the crisis was past and ing through Indiana on the great raid,

others said because Hugh was too in- Mrs. Gray was made the bearer of many ship to Hon. Henry S. Lane, his uncle, otherwise lacked the proper qualifica- in themselves, but not, therefore, less Senator from that great state."

> "I have good news for you to-day, sir," said Mrs. Gray one morning as Dr.

"I am happy to hear you say so. What is it?" "Miss Lyle is able to be up. She is

out of bed." "That is good news, indeed," returned the doctor, "but I thought it might

have been more pleasing." "What did you expect?"

"That I should see her, perhaps."

she will see you.' "If she sees anybody? What do you mean?"

"She is so much changed in appearance she don't care to see anyone who has seen her before-her beauty is en-

tirely gone." "Don't say entirely, Mrs. Gray. The beauty of her soul remains, and is be-

"Yes, that's so. There, she is ringing for me. Excuse me, doctor." "One moment, Mrs. Gray. Will you please ascertain when it is likely I may see Miss Lyle?"

"Yes, doctor, if I possibly can." Mrs. Gray soon returned, and said Miss Lyle had consented to see him the following evening at 8.

"But I just tell you," said Mrs. Gray, as the doctor departed, "you will be much surprised when you see her."

The next evening at 8, Dr. Norton was at Mrs. Gray's, and was told by that lady that Miss Lyle was in the parlor to receive him, but was in the dark, as she did not wish the doctor on first entering to see the change in her

features. When their first greeting was over and Mrs. Gray had left them alone to-

"Doctor, am fully sensible of your devotion in continuing to address me as usual, but it is unreasonable to ex-

"Edith," repiled he, 'believe me, I speak the truth of my heart. I love you now with the same strong, honest and sincere love I have felt for you Fully understanding the difference in from the first, and my only hope of earthly happiness is in your accept-

> 'But you have not seen my face, James.

"Nor shall the sight of it, changed though it be, in any way lessen my af- them under his wings at night 'He fection. On, Edith, my love!" he con- raised two broods of chickens last year, with no particular idea as to what my tinued, "think how anxious I am awaiting your answer. Ecep me no longer in suspense. Promise to be my wife."

letter and two visitors, Mr. Stanhope mitting him to fold her to his bosom.

"And now, Edith, I may see you luckily enough had departed ere the face, may I not? Rest assured, my other arrived. Both of these gentle- dear, I shall not alter my affection." Very well, James, you shall," and

the gas. While she yet stood with her lover "I love you, Edith, for yourself in the center of the parlor, Mrs. Gray instead of the disfigured features he ed to him in all her former loveliness -the features perfect in every particu-

"Remember your promise, James, the sight of your face is not to alter your affection." "And it has not, my dear Edith; but

pray explain!" And Edith did explain-how she learned that one loved her for her money, another for her beauty onlyand, confessing her deception, asked

only forgiveness, which, of course, was

readily given. They were married soon after and took up their residence in Edith's former home; and in the after happy years she was never perplexed by the ques-

Romance of the War. The . Winchester, Ky., Sun prints a against you. Business prevents me gossipy story of a well-known Louiscalling on you to-day, but I will take an | ville attorney: "The recent election of Colonel H. L. Stone to the city attorneyship of Louisville by a Republican Council recalls an incongruous inci-"One of the three disposed of," dent which occurred during the war in thought she. "Mr. Oswald wanted my the life of that gentleman, whilst he wealth, that is evident, and is sorry the was passing through Winchester. He ty. It was during the reign of Gen-A few evenings afterward, in the eral Burbridge, and he was at once presence of both lovers, neither of sent under guard by way of Winchester in itself being a proposal of marriage; whom had any idea that the other had to Lexington, where it was certain he proposed, Edith expressed herself as would be shot. On the seat of the what answer to send to those by whom not feeling at all well, and retired. On wagon conveying him and by his side their calling to inquire for her the was a young Federal soldier who had next day they learned from Mrs. Gray known him and his family before the wife of any person who sought her for she was no better, but, on the contrary, war. As they came into town his guard her wealth, and to avoid this she was much worse, and under the care of her whispered to him that when they physician, Dr. Musgrave. They would stopped in front of the Rees House see her, but the doctor had given posi- here for supper it would be dark, and to had come to her within a few days tive orders that no one should be al- he would give him a chance to escape of each other, no doubt because each lowed to disturb her. Every day by running up the hill toward the Baphad waited until her father had been brought the two lovers, each to be and tist Church, whilst he (the guard) would give the hue and cry in another "Not any better yet, and cannot see direction and draw the other soldiers away from the true line of pursuit. But one day to this was added the Sure enough, when the wagon halted undecided which might considerably further information, relative to her this plan was carried out and Colonel ailment, that Dr. Musgrave said she Stone escaped, to return to the Confederacy and fight to the close of the war. This rather alarmed both gentlemen, A. few years ago this same Union soland the visits of Mr. Stanhope became dier who had saved his life and was tleman of leisure, having no pretension less frequent; and when he learned in poor and at work on a farm in Flemto any profession whatever, and al- confidence from Mrs. Gray that she ing County, got into a difficulty and ways on the alert for enjoyment. One | would be frightfully marked, he came | killed a man, for which he was indicted and charged with murder. Colonel Colonel Stone was by the boys face-During her convalescence he was tiously made Brevet Governor of Invery assiduous in his attentions, and diana, in recognition of his relationtributes of affection to Edith-trifling who was Governor and United States

## A Queer Kentucky Character.

A queer character died at Columbus, Ky., recently. He was known as "Ground Hog" Allen, and was a cave dweller, and the most mysterious personage in Hickman County. Little is known of him, and he lived the life of a recluse.

Allen came to Columbus early in the seventies, and purchased ten acres of land in the vicinity of the Seven Springs, about two miles from the "Oh, now, doctor, do have patience town. Having no family, he erected yet a little longer, and no doubt you a house on his ten-acre lot and cultishall. If she sees anybody, I know vated his land, living alone. After living there for some time his house was destroyed by fire. He had dug a large cistern before his house was burned, and after the destruction of the house he moved the few effects he had saved into the cistern, which was dry, and, being dug funnel shaped, was quite wide at the bottom. He lived in that

cistern to the day of his death. Allen would come to Columbus occasionally and buy necessary supplies. He soon acquired the name of "Ground Hog" Allen, and was known by no other. He was very industrious, wore very little clothing, and always went without shoes in warm weather. He was polite to all visitors and to some he communicated something of his past life. He went to California from Ohio in 1849, and was absent a number of years. On his return he found that his wife had procured a divorce, and had

married again. "Ground Hog" Allen believed he had enemies, and that his house had been destroyed by an incendiary. He said that he had determined that no one should burn him out again. He had dug a passageway from the bottom of the cistern where he lived to a spring adjacent, but if had caved in, and he used a ladder as a means of ingress and egress to his strange residence.-New

A Queer Chicken.

Mr. More, a chicken fancier of Great Bend, Pa., has a queer chicken. It is a Plymouth Rock, two years old, that in addition to all the characteristics of a fine cock, possesses the natural instincts of a hen. He crows and fights and conducts himself as most chantlcleers do: yet he has been known to adopt chickens, mother them, scratch alarm when danger appeared and fold

As soon as the chicks hatch under a coop, in which the cock is placed. He "Trusting fully in your love, I prom- immediately adopts them, and is a shift for themselves .- New York Press. A COYOTE PAR INERSHIP.

How Prairie Wolves Get an Antelope

For Breakfast. The prong-horned antelope is the antelope

The coyotes do not all run after the and so at last they tire the antelope | Mail and Express.

If when it was started the antelope ran straight away, it would of course leave all the wolves behind, those that

of the runner, and get upon little hills fat eleven-pound city gobbler.

tires out all its pursuers. It is a common thing for a coyote to chase an old doe with her kids just after the little ones had begun to run about. At that time they are very stay behind her young, and will try to years, and which now remains withfight off the coyote, butting him with out a claimant. Incidents of like forefeet. He pays little attention to her, except to snap at her, and keeps on after the kids. Several times I have maining so long unexamined. Some seen a mother antelope lead her little ones into the midst of a bed of cactus, where the wolf could not go without getting his feet full of thorns. If the bed is small the wolf will make ferocious dashes up to its border, trying to frighten the little ones so that they will run out on the other side and he can start after them again, but usually the mother has no trouble in holding them .- Forest and Stream.

A Remarkable Operation. A remarkable operation has been performed in a New York hospital which demonstrates that a depression in the skull can be cured, which has always heretofore been considered impossible. Edward Haicke, a circus performer, whose specialty was lifting heavy and securities wes deposited for safeweights, began to have epileptic fits keeping, and when called for a few about a year ago, and surgeons who ex- days afterwards could not be found. amined him found that a depression The bapker had himself received it, had been caused in his skull. An in- and, as he supposed, put it in a place cision was made and a section of his of security. He was so overcome by skull sawed out, and the brain, which the occurrence that he went home and had grown fast to the bone, was cut shot himself. The next day the treasaway. A gold plate was then used ure turned up, safe and sound, the to line the remaining section to prevent | receptacle having in a moment of abthe brain again knitting to it, and the sence of mind been stored away in an piece replaced. This worked for awhile, odd corner and overlooked.-New York but recently Haicke had another fit. Tribune. The surgeon removed the trap door in his skull and found that the pressure of the brain had broken the gold plate. and the brain had again become knitted to the skull. As a final effort the gold plate was removed and a thin sheet of celluloid, especially propared for the purpose, was substituted. Then the trap door was closed and the scalp sewed up. Although this was nearly three weeks ago, there has been no trouble since, and the physicians are confident that the celluloid will never will prove a successful one. It is the first time such an operation has ever been performed, and it has attracted much attention.-Detroit Free Press.

Cheney and His Frost Fish.

State Fish Culturist A. N. Cheney tries to read everything bearing upon the subjects of fish and fish culture, but his busy life renders this next to impossible, and his family aid him all they can by marking in the exchanges such articles as might be expected to interest the great fish expert. He tells this story of a recent experience: "If and pick for them, raise a note of an item is not marked with pencil the papers may be ever so carefully arranged in consecutive order and conveniently placed, and yet I miss it. Very recently I was told that there was hen, Mr. More removes them to a small | an article about frost fish in one of the papers, and it had not been marked, but I could easily find it in a certain The following day brought Edith a ise," replied Edith, also rising and per- model mother until they are ready to paper of such a date, as the caption was, 'Frost Fish' in large letters. It five years.

was something past miduight when I got to the frost fish business, and then I searched the file of the particular paper and searched it again without avail. The house was still and I finally gave up the search and retired. The swiftest animal on the plains, and yet next morning at breakfast I remarked the coyotes catch a good many of them that I had searched for the frost fish, just by running them down. This but could not find it, and in the future sounds like a paradox, yet it is quite if articles were not marked I could not true, and is explained by the cunning undertake to look for them, and the of the wolves and the habits of the only time to mark an article was when the paper was in hand. My wife said A single coyote who under took to she could find the item at once, as she run down a single antelope would get knew exactly where to look for it. tired and hungry before he accomplish- This she did, and handed me a paper ed much, but when two or three coyotes containing two sticks of matter headed are together it is quite a different thing. 'Fish-Frost.' It proved to be a marriage notice of Arthur Fish and Mary antelope together. They take turns, A. Frost, with a list of the persons and while one runs the others rest, present at the ceremony."-New York

## Primitive American Cooking.

"You can talk about your chefs at were resting even more than the one Delmonico's or Sherry's, or anywhere that was chasing it, but the antelope else," said an enthusiastic tenderfoot does not run straight away. Instead it who was on a hunting expedition in the runs in large circles, and this enables southwest, "but I know a cook that the wolves to take turns when chasing suits me pretty well, I can tell you. There aren't any frills on his cooking When three or four prairie wolves and he don't need any truffles or andecide that they want antelope meat chovy sauce to go with his dishes, for breakfast, one of them creeps as either. I brought into camp a nice, close as possible to the one they have big turkey. Your wild turkey beats selected, and then makes a rush for your civilized bird all hollow, for the it, running as fast as he possibly can wild gobbler has far more white meat, so as to push the antelope to its best his breast bone being shorter, and speed and to tire it out. Meantime his there's as much fine white meat on an companions spread out on either side eight-pound wild bird as there is on a

or knolls so as to keep the chase in | "Well, what does our cook do but sight. They trot from point to point, dig a hole about three feet long and a and pretty soon, when the antelope foot wide. Into this he heaped wood turns and begins to work back to- until the hole was hot as a furnace. wards one of them, this one tries to Then the hole was cleared of all ashes get as nearly as possible in its path, and the bird was placed on a spit in the and as it flies by the wolf dashes out at hole which was covered with poles it and runs after it at the top of its and leaves. Mr. Turkey was well seaspeed, while the one that has been soned before being thus interred. We chasing the antelope stops running and left him there all night and when we trots off to some near-by hill, where, opened the hole in the morning an odor while the water drips off his lolling came forth that was most delightful, tongue, he watches the race and gets while the bird was as brown as could his breath again. After a little the be. I never tasted anything so nice in antelope passes near another coyote, all my life. It was like going back to which in turn takes up the pursuit. first principles, this primitive cooking. And so the chase is kept up until the And he could do all kinds of cooking poor antelope is exhausted, when it is like that. To go with Mr. Bird was the overtaken and pulled down by one or water from the spring which gushed more of the hungry brutes. Of course forth from the rocks and beat all your the coyotes do not catch every ante- bottled waters, I can tell you. So I lope they start. Sometimes the game say, hail to primitive American cookruns such a course that it does not ery; down with your sauces, spices, pass near any of the waiting wolves, pastes and fol-de-rol of these imported and only the one that starts it has any chefs! Hail to health; down with inrunning to do. In such a case the digestion, atonic dyspepsia, stomach pursuit is abandoned. Sometimes the troubles and kindred ailments of our antelope is so stout and strong that it modern civilization!"-Detroit Free Press.

Mysteries of Bank Treasures.

In one of the old London banks a swift for short distances, but have not box was recently found, containing the strength to stand a long chase. Money and valuables, which had not In such a case a mother will often been opened or called for within 160 her head and striking him with her sort are not infrequent in banking history, though there is no other recorded instance of a package held in trust reyears ago the Merchants' National Bank of Baltimore discovered a box containing \$10,000 in bonds of the Pennsylvania Railroad, the ownership of which could not at first be traced. The coupons for the preceding fifteen years were still attached. It was finally discovered that the bonds belonged to the Hagerstown (Md.) Bank, and had been deposited as collateral. The President of the Hagerstown bank died: the cashier was superseded, and the institution lost all traces of the transaction. The disappearance of the securities, however, always remained an unpleasant mystery until it was thus happily cleared up. 1- one of the private banking houses of Frankfort. during the first half of the century, a box containing a large sum in money

A Coin That Has Disappeared.

"Though the penny of 1856," observed a numismatist, "was issued in great sufficiency, the coins soon disappeared from circulation, and are held as rarities. They are seldom offered for sale, but those which have been offered brought a large price. There are severa ltheories existing among coins experts as to the disappearance of this penny, being of the older style and large, but the most generally accepted crack nor break, and that the operation is that the penny was gobbled up in consequence of a rumor which was started on the authority of an employe of the United States mint where the pennies were made. This rumo rwas that in making the composition of the metals for the coin a bar of gold was melted up by mistake for a bar of nickel, and that the reason why the penny disappeared was in consequence of its intrinsic value. The result of this and other stories about the 1856 penny is that though there were just as many coined as there were of '54, '55 or '57 pennies, one of the '56 pennies will today bring nearly one hundren times as much money as those of the other years mentioned. Some numismatists have even gone so far as to test the composition. They found no trace of gold. It is one of the many peculiar things about the scarcity of some coins."-Washington Star.

In Germany the census is taken every

GLOVE MAKING IN AMERICA.

The Industry of Fulton County, New York and its importance.

The statement made recently by an importer of gloves that the United States plays an unimportant part in that line has brought the American manufacturers to the front with a statement which shows that the industry is a large one and that thousands of people are engaged in it. In the report prepared by Congressman Lucius N. Littauer for the Committee on Ways and Means, showing the industries of Fulton County, the following figures appear: Men employed in factories making gloves and mittens, 4,000; women employed in the same factories, 7,-000; women empolyed making gloves in their homes, 2,000. To these people \$5,400,000 is paid annually in wages. and the sales amount to \$12,000,000. The capital invested is upward of \$5,-500,000.

In addition to the glove industry Fulton Councy is a headquarters for gieve leather, employing about 2,000 people in its manufacture who receive per year \$1,.50,000 for their work. The centre of the industry is Gloversville, although Johnstown, Mayfield, Northville, Broadalbin and other nearby places contribute largely to the production. Gloves have been made in that locality for over fifty years, and Mr. Littauer, in speaking of the business, said:

"The manufacture of gloves at Gloversville, in a place rather far from the commercial centres, sometimes surprises people, but we who have seen the development of the industry can readily account for it. The place was a centre years ago for the pedlers who sold their wares in the Adirondack region. They took deer skins in exchange for many of their goods, and these they brought to the little village of Gloversville, where the hides were dressed and tanned, and then they were cut and made up into gloves by the women and children. The home-made articles were disposed of again by the very men who brought the raw skins from the shores of Saranac Lake.

"The village was still small and difficult of access when its products were known all over the country, and gradually machinery supplanted the primitive manufacturing outfits, factories took the places of shops, and the hamlet, to which a stage came once every week from the nearest railroad town, grew to be a city of 18,000 inhabitants.

The best glove-makers and the most improved glove-making machinery drifted towards Gloversville, and although the supply of material is no longer the Adirondack region, leather gloves of all grades and description are still made there from stock which now comes principally from Central America

A large business is done in Gloversville making gloves for the workingmen "This is the only country in which the workingman's wages and standard of living are such." said Mr. Littauer, "that he can afford to wear a pair of gloves to protect his hands from hard usage at work."-New York Tribune.

The Doll as a Symbol.

The Indians of New Mexico are famous weavers. Incidentally to the business of making large blankets for the real folks, the good mother turns out some little blankets for her children's dolls.

Among the Indians it seems to be quite usual to bury dolls with children. The custom apparently is of great antiquity, for such manikins are often found in old graves in that region. The same practice is followed in parts of Africa, and to some extent it is pursued by the Africans in the United States. In the cemeteries of colored people in the South not only dolls, but all sorts of playthings that belonged to the dead child are placed upon the grave and permitted to remain there. Available facts are scant about the dolls of the savage tribes of the Amazons, who are the nakedest people in the world, many of them wearing no clothes whatever. Perhaps they have no dolls. The natives of Terra del Fuego certainly possess no dolls. They have no art of any kind, their entire attention being constantly absorbed by the very difficult problem of procuring food for a day ahead.

In Europe the business of making dolls is an important and extensive industry. You can purchase in Italy for a few dollars a set of dolls accurately representing all classes of the people, with the whole scheme of national costume. The same may be said of China, India and Japan, in all of which countries the dollmaker plays an important role. The Chinese are very fond of dolls representing mandarins. In Japan you can get dolls illustrating every class, profession and rank from the Mikado down to the humblest peasant. The costumes for Japanese plays, such as Gilbert & Sullivan's "Mikado," are always obtained from dolls. Thus they are sure to be correct in every detail.

Utilizing Water Power.

According to present indications, the waterfalls and rapids in the country will some day be utilized as a generator of electricity. The latest achievement in the way of utilizing power is throwing a large wing dam across the St Lawrence at the Lachine Rapids. This dam runs out something more than a thousand feet into the river, and takes in an immense body of water. The entire length of the dam is to be occupied by a power-house with an unbroken interior of at least a thousand feet. A large number of minor streams are being used for similar purposes. With a good fall, a force sufficient to run a good-sized dynamo may easily be