## THE RED CLOUD CHIEF.

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RED CLOUD . . . NEBRASKA

### WHAT IS A GENTLEMAN?

What is a gentleman! Is it a thing Decked with a sear pin, a chain and a ring-pressed in a suit of immaculate style, Sporting an eye glass, a lisp and a smile; Talking of races, of concerts and balls, Evening assemblies, and afternoon calls, Sunning himself at "at homes" and barard Whisting macurian, and smoking eigers?

What is a gentleman! Say, Is it one Boasting of conquests and deeds he has done? One who unblushingly glories to speak Things which should call up a flush to his cheek! who, while rulling at actions unjust, some young heart of its pureness and

orns to steal money, or jewels, or wealth,

Thinks it so wrong to take bonor by steaith! What is a gentleman? Is it not one Knowing instinctively what he should shun Speaking to word that could injure or pain Spreading no scandal, and deep ning no stain One who knows how to put each at his case, Striving microsofully always to please— One who can tell by a glance at your cheek When to be elient and when he should speak?

What is a gentleman! Is it not one Honestiy eating the bread he has won, Walking in uprightness, fearing his God, Leaving so ship on the path he has trod Caring not whether his coat may be old, Prizing sincerity far above gold. Recking not whether his hand may be hard— Stretching it boidly to grasp its reward?

What to a postleman! Say, is it birth Makes a r an noble or adds to his worth! Is there a family tree to be had Shady enough to conceal what is bad! Nothing to tremble at, nothing to hide, He he a noble, or be he in trade, He is the gentleman Nature has made

## BY THE OLD OPENING.

#### The Risk Tony Took in Returning the Lost Diamond.

Not very long ago there lived in the beautiful Wyoming Valley in Pennsylvania a boy named Tony Tamiyn, or, rather, he lived at the head of a great ravine, which cut its way down into the valley through steep mountains.

The house in which Tony lived was a little one-story cabin of two rooms, one of them with little in It besides a cookstove and table, the other with nothing in it except two beds. Perhaps I ought to say that this was the house that the boy ate and slept in, for he lived out of doors, and so did his sister Apollonia, except when she was needed to help her mother.

In the gray, rocky bottom of the re vine ran a flerce little white brook that never had time to make itself deep, but foamed and frothed and sputtered all the

way down to the valley.

On the right rose one wall of the ravine, sloping a little, and richly green with hemlock, and on the left a very strange sight indeed, a "straight-up" wall of yellowish rock about fifty feet high, chequered with a row of ten great Clack squares. These squares are great penings high enough to serve as doorrays for the tallest giants, and if you step inside your feet will fall upon a a solid. flat almost smooth black floor extending

back many hundreds of feet, and disap-pearing into the blackest darkness. If you look up there is a smooth, shiny black ceiling, and supporting this wor derful ceiling at wide intervals, are enormous black pillars twenty-five feet in circumference, spreading out a little as they touch the roof full fifteen feet above your head.

If you will look closely, you will see that not only are floors, ceilings and pillars all of one material, but they are also actually in one piece. The material is coal, and the openings are the en-

trance to a long worked-out coal mine. If you were to go to-day to visit a modern working coal mine, the only part you could see above ground would be the breaker a huge, wooden structure containing machinery for hauling up and breaking the coal, and you would have to go into the earth some hundreds of feet, by means of an elevator, to find the place where the coal comes from. But many years ago, when people first began to look for coal, they often found it "cropping out" at the surface, and at this particular spot where Tony and 'Ap" lived, there cropped out one of the largest veins of coal ever found - twentyfour feet thick. So it came about that this rocky hill was all dug out and turned into an anthracite palace.

Over on the other side of the hill was s new, vertical opening or "shaft," and every morning Tony's father, who was a miner, went down the ravine and around the base of the hill a distance of a mile and a half-to his work; but there was a much shorter way if one chose to take it, and that was through the "old opening."

Following the long-deserted "gangways" for a quarter of a mile or so, you would come out upon the great amutty breaker, with its roar, and its dust, and its culm-pile. However, this was regarded as a dangerous thing to do, and the children were told repeatedly never to attempt it, but this caution was hardly necessary, for if ever they ventured back among the dark pillars, the blackness was so dense, and the feeling of dampness to unpleasant, that they were glad shough to run into the sunlight again.

All in and about the great doorways of the old opening, and among the stone chips of the slippery ledge outside, were found pieces containing "impressions" of ferms and other leaves that had flourished green and fresh many years before, and dying, had left their sculptured

portraits upon the rocks. There were also other pieces covere with what might be thought the molds in which dainty fluted sea-shells had been cast. Again there would come to light small sections of tree-stems, pith. d and bark all turned to stone

Incide were other strange and beauti-if things; chunks of coal coated with ulphur, that looked almost as if they were created with gold-other chunks ed with what seemed like burful of all, slabe of "ratabow" coal, with erfectly as on any present's tail, and import making one believe that the first

been somehow preserved in the bowels of the earth, like the shells and ferns and flowers, for future ages to see and

Tony and his sister spent hours look ing for these fossils, and one corner of their bedroom was piled up with a col-lection that would have delighted the hearts of goologists or our losity hunters.

Many such curiosity-hunters came to the old opening every summer carriage-loads of them—gally dressed, and the two children were always on hand when they heard the roll of wheels coming up the narrow road of the ravine, for the tourists always wanted fessils and if they could not find enough to suit them, Tony or Ap would bring the best treasures from their stores, and offer them for sale.

One day there came up a carriage-load of unusually fine people. The gentlemen wore their stockings outside their trousers so Ap told her mother and their coats were short and belted like Tony's Sunday one. The ladies were beautifully dressed, and some of them wore little jackets like the men's coats. One of these ladies was so pretty that Tony and Ap lost their hearts to her,

and all the young men in the party

seemed to be already in the same condition of mind. This young lady was eager to make a collection of the fossils, and had put on thick boots, and before beginning to pick over the shale she pulled off her gloves. If there was any hand in the world whiter than hers, at least Tony and Ap had never seen it, and on one of her lovely fingers was something they could not keep their eyes away from -a ring with a stone in it-a stone of satin whiteness, over whose surface played the most levely colors, like those in the rainbow coal, only much more soft and

around it than to be really in the stone. The young lady who were this ring was very energetic and venturesome. She dug among the shale with her pretty pink fingernails, stood on tiptoe to pick the sulphur off the walls, and even went back as far as the third row of pil-

radiant, and seeming rather to float

Tony saw her starting off in that direction and followed her, for she looked as if she meant to walk straight through the mine. One of the young men followed, too, looking as if he meant to go wherever she did.

When she saw him she jumped behind a pillar and pretended to hide, and then the young man ran around the other side of the pillar, and Tony heard a sound of tussling and laughter, and out ran the young lady trying to get her hand away from her companion.

At length she did get it free, and they both walked back to the opening together, outside of which, in the broad sunlight, the rest of their party, with Ap to help, were still fossil-hunting. Tony stayed behind, for his eye had just lighted on some fine specimens of rainbow coal, which he thought he would gather for the pretty lady, and so engrossed did he become that, when at length he looked up, all the tourists had gone, and Ap stood alone in one of the great door-

ways calling to him.

As he stooped to pick up one last piece of coal, he saw a little glittering object at some distance before him. He picked it up, and in a moment saw that it was the ring with the rainbow stone!

off the pretty lady's hand whe

trying to get away from him. Tony's first thought was: "What treasure!" and he ran eagerly to show it to his sister, but before he reached her the thought quickly came, "I must return it;" and a third thought quickly

followed: "How can it be returned?" When Ap saw the ring she gave a little scream, and understood at once that the lady had dropped it.

"Run, Tony, run" she exclaimed; "they've started down siready."

Tony ran a short distance, but soon came back, saying the carriage had got too far ahead; he could never overtake it. "Perhaps the lady will miss the ring. and come back for it," said be.

"No," said Ap, "she won't, for she put her gloves on before she got in the wagon, and she'll never see that the ring isn't on her hand till she gets

Tony was thinking hard.

"There's only one way," he said, at length. "I can get through the opening before they reach the breaker, and I'm goin' to do it '

"O, Tony, don't, don't, "cried Ap, hold ing on to him. "What'll mother say and father? You know they've said you mustn't never do such a thing: you might get lost or kilt."

"Ap," said Tony, "I'm goin' to do it, that's all there is. You just run up and tell mother what took me. That pretty lady's got to have her ring."

You'll carry a lantern, won't you?" pleaded Ap.

"No, there aint no time for a lantern I'm off." Tony's voice came already from behind the third pillar. Ap stood watching him with a dismai feeling of anxiety, then turned and scampered as fast as she could over the rocks and water, and up the hill, to tell mother.

Tony had started on a run, but soon came to a stop. The ground began to slope away frightfully, and the darkness was like a black curtain bung close before his face. Turning, he could still catch a glimmer from the far-away openings that looked no more than little pots of brightness. Another step, and their twinkling light could not reach

He held the ring tightly clasped in his hand; but remembering the necessity of baving both hands free to feel his way. he bethought him of his pockets. Aiss! Tony's porkets were like the bottomless pit and were vain things for safety. So he put the ring in his mouth, and started bravely forward on his dangerous way

in the darkness. Bravely, indeed, but rashly, considering that he could not see a thing, for haste being the one idea in his mind, he did not wait to be cautious, and stambling along with arms outstratched came piump against the sharp corner of pillar, gave his nose a fearful blow, an

imost swallowed the ring. This would never do. He must go slowly and earely. But is what direc-tion should be more next? He fait cafe which God out in the heavens must while touching the piller, but to lot go on

and venture forth was like jumping off caring to pick fossils; he thought of his AGRICULTURAL HINTS. and what pitfalls might lie between?

The air was chilling and smelt sulphury, and water could be heard tricking and dropping with a hollow, dreary sound. But he must not linger; so with one hand still on the pillar, he put a foot forward. It did not come down his terrible journey. And now the lady upon any thing, so Tony stretched out would never get her ring; he and the his leg a little more, and yet met with ring were buried in one grave, nothing. Drawing his foot back it. Tony cried so hard that the struck against a sharp edge. Then sat down and felt with his hands.

Horrors' he was on the brink of a precipice, and there was no telling how daring to trust it in his mouth.

deep it might be. over, he could not touch bottom; lying prone he could not reach it with his arms extended. Tremblingly be let himself down, and hung by his hands, but his feet found no reling place. He drew himself up again and sat down to

The thought of turning back never once came to him; this thing had been undertaken, and it was to be carried through-Tony did not say to himself, if possible" he simply meant to do it.

Where he sat the coal was crumbled up, and his hand played unconsciously

among the loose pieces.
Suddenly he remembered once seeing his father drop a stone down a "cave-in." and that his father had said it was a and left. bottom. So he took a bit of coal in his it. Instantly there came back a little sharp clink that sounded very near.

Not a moment was to be lost. Again he let himself down by his hands, took a long breath, let go, and fell-about four inches.

After another long breath of relief. Tony began exploring on his hands and knees. He did not intend to risk falling food. off any higher ledges. The floor still sloped downward, and Tony almost walked on his head as he crawled along. Presently he bumped upagainst another pillar, or was it the side wall? He felt carefully along for some distance, and hand which elenched the ring was decided that it was the wall; then rising up from his knees, which was cramped and cut, he ventured to walk, or rather, creep, feeling the wall all the while with his hands, which gave him a cer-

tain sense of security.

But he yet felt as if at any moment he might step into a hole, and he did step into deep pools of water, getting wet up to his knees, and semetimes he stumbled over stalagmites - curious ringed formations made by water dropping upon the mine floor-but by dint of pluck he gained headway.

Also, he began to grow used to the utter blackness, as he found that however needful the sense of sight seems, there are other senses that will take its place. He was certainly kept on the alert. To guard his face from sharp projections of the wall; to find a safe footing before ever he dared plant a foot waving his leg before him as a measuring worm waves its head above all, to keep from swallowing the ring: Tony's mind and body were well occupled, even though his eyes were of no use to him.

He now felt sare from the sound of his footsteps that he had left the great open The young man must have pulled it chamber with its pillars, and had enconnected this old mine with the new one. He knew, for he had heard his father say so, that this gangway was forked at a certain point, leading in one direction down into the working mine. and in the other direction bringing one out upon the surface of the ground.

How was Tony to choose the right way, when he did not know whether the working vein led to the right or to the left?

This difficulty was a serious one, for, although he could not get hopelessly lost, he could not lose much precious time. However, he thought that if the worst came he might meet a miner in the new gangway who would show him the way out

So he took heart and plodded warily. His hearing was uncomfortably sharp. Every noise seemed important, and now and then came a sound which made his heart thump. It was a wackling, sometimes succeeded by a failing sound, and it brought to Tony's mind all that he had ever heard of miners buried beneath falls of coal.

This old mine had lost many of its supports. Sometimes the huge pillars had been "robbed," as it is called by the miners, who hated to see so much good coal wasted, and also found it easier mining than drilling into a solid "breast." Then they would neglect to put in wooden props, or where they did put them in, these props would decay. and then the wall overhead, already cracked by the action of aprings, would tumble in by sheer, unsupported weight.

Tony felt - and had good reasons to feel-that at any moment he was likely to be crushed by tons of coal and

The floor was now getting soft and culmy, as is the case when much trodden upon by men and mules, so he thought be must be nearing the fork. or else, that without knowing it, he had entered the new gangway.

He quickened his steps a little, and is another moment bumped his head against a great wooden door, and at the same time got a big splinter in one of bie hands.

He did not mind either the bump or the splinter, however, in his joy at finding himself in some definite and no longer wandering about blindly in those vague, dreadful chambers, kept in constant suspense between pits is the floors and cracks in the ceiling. Tony was sore there would be some men on the other side who would show him a short way out to the surface, on he knowled hard with his flet, calling out

at the same time. He thumped with all his might, and vainly strove to open the heavy timber door himself, but it was fastened on the other side, and presently he heard the men's voices die away in a distance. Then the brave little followest down to the darkness and eried like a girl. He pictured bisself dying there

a high cliff, or casting one's self into the father's coming home and asking for ees. When would be ever touch another, him, and giving him up for lost, for Tony was not just now in a state of mind to reason, and it didn't occur to him that his father would come with a lanters

and resone him. It seemed hours, days, since be had tors himself away from Ap, and started upon

Tony cried so hard that the ring tum bled out of his mouth, and he had to feel around for it among the coal-dust. He now held it tightly in his hand, not

Soon his ear was caught by a slight Sitting down, with his logs hanging hurrying sound among the culm, and so sething ran over him. In a moment he felt himself attacked on all sides by small animals, and he know he was at the mercy of rate! This brought the tears to an end, and Tony to his feet. The creatures were all about him, and every time he put his root down he stepped on one, so that the air was filled with borrible little squeaks and veils,

The rate were ravenously flerce, and tumped upon Tony as he staggered along. biting through his stockings and tree sers. The horror of being beset in the darkness by hungry rate made Tony desperate, and he rushed on madly, banging himself against the walls, and receiving cuts and bruises on the right

very deep hole, because of the long time | Tony felt his strongth and courage they had to wait to hear the stone touch giving out, and in another moment would have fallen, when there suddenly hand, held it over the ledge and dropped twinkled out before him a light, far away but clear, shining like the day. which indeed it was

His strength returned upon him, and making a final effort he sped like a deer toward the ever-growing brightness, leaving his termenters far behind to squeak out their disappointment by themselves, and to search for other

When Tony reached daylight again, he was a dreadful looking object. His face was covered with a compound of coal-dust, tears and blood, his clothes were tattered and weaking wet, and the nearly skinned

He looked about dazed by the light, and with the strange bewildering sense tion of being in a new world which at ways comes to one at the first instant after emerging from dark, underground places. Soon, however, he got his bearings, and saw to his delight the carriage standing by the breaker, and the party just alighting and preparing to descend the shaft.

They had driven slowly, stopping often to admire the views, and so had taken twenty-five minutes to accomplish a distance of a mile and a half twenty-five minutes that had been as twenty-five hours to Tony in his underground passage!

When he reached home, take the mother watching for him with a stick, but she only ran and fell on his nech and kissed him, weeping as if he had been the predigal son returning.

Ap asked immediately what the pretty lady said when he gave back the ring.
"She asked me what for I d scratched it and got it so dirty."

'And didn't she give you nothin'?" "One of the gentlemen he give me this," and Tony showed a silver coin; when she said that to me, and I don't think she's so very pretty after all!" And if "pretty is that pretty does," I don't think so either. Edith Brown, in Youth's Companion.

# THE TIME FOR REST.

How to Cure the Indisposition Caused by Over-Much Brain-Warb. When people become peerlah, servous and reations from overwork, the class of medicine they generally seek relief from consists of such drugs as quinine, phosphorous, iron and the segetable bitter tonics. These they expect to pull them together, and there is no doubt they are valuable medicines, but the error made by the sufferer is this they do not first

remove the cause. "O. I can't stop working to rest," a man said to me once, "I can go on on I Ami I can suffer."

This might be all very well if he could go on as he was, that is, get no worse. One might suffer even the inconvenience of til-health in order to support one's family, but the thin end of the wedge of indisposition having once effected an entrance, there is no staying its advance except by using radical means.

The indisposition caused by over-much brainimork, or a too prolonged attention to business, is very testdious in its ad vance. When once fairly established its symptoms are patent enough to the invalid, and reat then becomes imperative. In fact, he is "knocked out of time," so to speak, and wishes then be had noted his failing powers before, and laid down his pen or closed his ledger.

When, then, is the rest curs indicated Probably one of the earliest signs is slight dyspepsis, which can not be attributed to errors in diet, want of freat air, etc. It is a nervous kind of atomic dyspepsia, sometimes combined with acidity from liver sympathy. There is not the same reliah for food, and so relief from this state is sought for in piquant reliabea, wine or ten.

Another symptom is an uneasy tired feeling about the head, fullness it may be, or siespieseness and stopidity, reportally after cating. The trow often bot, so is the top of the head, and the hand is pressed weartly across the then things begin to go a trifle wrong, and there are moments of previals and and irritability. Lowness of spirits is convented by want of alway. There is danger about if not indeed close at hand, and happy is he who spee the signal in time. I say meet emphatically in time, for, effective though the rest curmay be, there is a point of divergence on the path of beaith. beyond which one can go with the slightest hoper return or recentry. I pray some my readers may ever reach this paint.

When you have a cold you do not

MAKING STONE DRAINS.

Stone, Maing Importshable, Is the Best of There are several ways of making permanent drains of stone; each of these depends upon the kind of stone to be used. Stones differ very much in their form; the best kind is the bard slates and gnetssoid rock, which consist of flat pieces which can easily be split or broken, and of such a testure that they will not soften or break down under the action of water. The worst are the round waterworn notules of the bankest kind of granite or quarts, which doty the sledge and are almost impressible to be broken in the ordinary war. But three may be reduced to a more manageable shape by burning them in a heap with course word mixed with them. When the heap has burned down and the stones are still red hot a fee pails of water thrown upon them will cause them to split and bring them into a more managrable and useful shape. The drains of atome should not be

less than ten or twelve inches in width and made round in the bottom so that the water channel may be kept in the middle, and the cutting out of the sides of the ditch will be avoided. Then



with the flat stones the manner of build ing the dam will be as follows. A stone breaking hammer of all or eight pounds weight will be required, and with this the stones are broken into long narrow strips as nearly equal in width and thickness as possible. These pieces are placed lengthwise along the sides of the tops are even with each other, and they will not full inward. Flat pieces are then trimmed so as to fit seroes the ditch and its firmly upon the side pieces as shown in Fig. 1.

This leaves a free channel for the water, with plenty of room at the sides for it to percelate into the drain. To not drop through, all the fragments are thrown into the ditch upon the cross pieces, and if there is plenty of stone to spare the ditch may be partly filled up to within a foot of the surface, so so not to interfere with the flowing. It is then filled with the earth taken out in the digging. A drain made in this way at the foot of a high alops to cut off the water from a piece of creek bottom which was a marine march nearly thirty and continuous stream of pure clear entracted from the find by our form water; it is an underground brook, in imple to less than most would supp has delivered water at the house and barn to supply all seeds since it was

method. These should be laid in such a manner as to wedge them in the bet tem of the ditch in the monner shows in Fig. 1. and throwing other stones



on the top to wedge the upper stone firmly in its place, and then filling in with Amail stone. This upper filling is important, for otherwise the espetime may be moved sidewise and one of the better one fall out of place. In taking up a stone drain which had become choked it was found that by neglect of this, or by the wrong doing of it, the drain had collaymed in many places, and the carriemeness of a work man with the perfect of the employer to oversee and direct the work properly caused an expense for repair which was more than twice the necessary original cost of the

cured very good drains may be made in this way. The ditch is dag narrow, not more than all inches wide, or even less, at the bottom; the largest stone is thrown in first, and to covered with the enaller stone, which to trampled firmly with the feet. The more firmly the top gravel is laid the safer will be the drain

With all these drains, as the sorth covering is not more than a fact thick. the surface water should be kept from sinking directly into them. by which the soil would be wested down into the drain. To prevent this the soil should be well rounded on the surface and keep as, if it is possible, by plowing the load suitably; at least this should be done for a few years, until the earth learning constituted and firm. It is a good place when a field has been drained to send it when a field has been drained to send it with grows for a few years. The grows does well on newly-drained land, and if it has been very wet it will require this time for the water to find its way to the draine from the intermediate ground, after which the land will be full of small water ways and quite openay, on that the heaviest rais will stake at case into the set and find its way into the draine is a very short time, often and longer than there or hour hours.—If. Y. Theses.

#### ABOUT MANURE.

The Statetive Pales of Horse and Com

Taking both borses and cows as they are generally kept on the farm, the manure from the former will be the most saluable. I do not feet, becaver, like dropping the subject, says a contributor to the Breeder's Gamete, with such a brief answer, for there about he a reason given for the answer when prosible, and if one will only follow up the subject opened by this question he will gain light upon one of the most important topics that can be considered on the farm. To begin at the beginning, we should bear in mind that there can only peer from our cattle what has been given to them, and that all of the elements in the manure must have been applied in the food. As we may suppean that finale very in amuniate of fertilleing chemonts they carry with them. or may hold it as correct that the bind of front given to our farm animals governs the bind of manufe we get from them. This is the basic principle to be borne is mind in considering the subect. The three elements of fertiliares that we care for are attrogen, phosstuffs, grains and concentrated fauls tain the greatest amount of those three fertilizing constituents, and straw row tains the least. Starch and would matter are not fortillating elements in themsofres.

The next point to be beene in mind to that each animal on feed appropriates to itself of the cloments of feetility in secordance with its nature and wants, so that if we supply the same smount of ford to different animals we will not got exactly the same amount of furtility to the excrement of each. A little reflect tion will point out the reason for three differences: A grown horse, which done not increase in weight, but such day wears out as much of his body in labor deathy give out in the surrement all the fertilizers in the food supplied him. The colt, or a horse gaining in weight. evidently retains some of these elements in the leady, as they go to help make up the increased weight. A con giving milk transfers some of the altregen to the milk in the shape of reseins, and some of the potost and phosphorte acid in the chops of oak; these are for the building up of the muscle and hone of her calf. Evidently, then, the sacrement of the over giving milk does not contain all of the fertilizing elements supplied in the find, since a portion of them is carried off in the milk. Sheep require nitrogen, potent, etc., for the wood and the yeak that accompanies it. on that the manure of sheep, alor, done

naterial in the found. Pattening steers gain in anight, but the increase is almost whelly fallow, and there is not nitrogen, phosphori-acid or petask in that, as the about gives practically all of the fertilizing elepig. like the young of other animals, takes out of the find fertilizing elements for his frame and muscle, but when grown, takes out very listle, for the same reason that the fatter place takes little. In all come, box years ago to still discharging a large ever, the amount of fertillising elements netrocted from the final by our form onup of sarles hydrates, which are burnt up to the leafy or converted take foland carbo hydrates are valueloss a manure. We may aller that growing animals take out comething like ten per reat of the fertility from the food, while mileb more take out from twenty to second proposition to be borne in mind. out of the ford egrica from nothing with carmele that gots arching in onight, such as work horars and grown cattle, up to mileh cows, which place from twenty to twenty fire per sent of the fertilling elements in the milb.

The third important point to be membered is that a large part of the fortility to in the urtae. In a poseral way it to fair to cotimate that three fourthe of the fertilizing elements under someideration ore in the liquide and eaty can fourth in the solid excrement. This heing true no space need be excepted in phowing the importance of spring the liquid part of the manure.

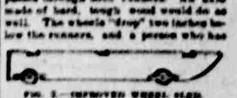
# A SLED WITH WHEELS

A Confet Implement to Hore About the Ino of the most useful impless

that can be brought upon a form or marhat garden is a small sted. The one shown in Fig. 1 is als feet long, these feet wide and fourteen inthe desp-



PIG. L. WHERE SLASS that is, the plank of which the resners is made is fourtone inches when It dif. ters from ordinary sleds only in having two wheels attached, as shown in the engraving. These wheels are made of red and tern upon an iron agle which passes through both runners. An acle



the her work easier they make it run. One like that shown in Fig. 2 runs even easier than the other. The wheels pre smaller, but to line with the run ore, and troval in the same track, and then there is no anis stretching around between the runners. The wheels are said, two tackes think, more as the runners, and they may be tired with keary arropters if desired. The fees and of the runners are shad with iron or history. Such a sind may be used for drawing in core-tester, besting manners on the garden, corrying horsom, plans.