By Mrs. CLARA DARGAN MACLEAN

ne'll pay you money an'-"

will lie down and die!"

it is. Where'll I meet you?'

set down and rest."

hold you up. Lean on me."

liberately went to sleep.

against the unnecessary exertion.

'I'm bound to lay down and rest."

man was conscious of nothing but

nor future for her. And so the tragedy

of a human life drew to its close

Badly acted as the part had been. Jim

Ross had at last reached its conclu-

PART II.

shuddering spectator.

Written for the Yorkville Enquirer.

PART I.

A line of grey horizon, broken by a worm-fence which crawled across acres of red clay; some straggling dogberry bushes, shivering in the March wind; a mere apology for a house, set in a bare field, and some starveling chickens the only sign of life-these objects came severally into view as Milton Weir climbed the hill, at the foot of which roared and tumbled a mountain stream.

"Horrible! Horrible!" he ejaculated "How can human creatures live so!" He hallooed. There was no reply; but as his voice broke the cold stillness, a woman appeared on the threshold of the cabin, and stood there without speaking.

"Good evening!" Weir cried out, loud Is he at home?

A shake of the tousled head was the only answer.

"Can you tell me when he will be I'm bound to see him today." The woman looked vacantly towards the dogberry bushes, and shook her

"He mout and he moutn't," she muttered in the tone of a somnambulist. a sound between a grunt and a snort,

and turned to go. "Can't you give me any idea where

I may find him?" Again the vacant stare fixed itself on the spot where the scraggy chickens Just then a child's figure appeared as by magic, Weir never could tell whence. She stood before him like a smokewreath, slender, fragile, tall and almost as unsubstantial. Pale strawcolored hair fell over her narrow shoulders, and the wan face scarce showed a brighter hue. Her bare feet and legs were blue with cold; a faded homespun

veloped form. The engineer regarded her with in-"Well child, maybe you can tell me where your father is."

frock revealed the outline of an unde-

The girl replied by turning as abruptly as she had appeared, and walked down the path. Looking back after she had advanced a few steps, and perceiving that Weir had not followed, she

said, "Come on, I'll show you." country road which ran parallel to the admiring, but not envious group, rerapid river, where his prospecting tour ceived the congratulations of the profor a factory site had ended, did Weir prietor who saw in this arrangement a surmise their destination. He had probable settlement of old scores and passed "the store" only a short time a brisker trade subsequently; and havbefore, and thro' the broken window heard high-pitched voices in excited

gation of water courses that the en- or so of the broken road, and then stopgineer sought him. Now with the in- ped short. tuition of a man of the world, he saw where the difficulty would lie.

As the tiny figure flitted before thin patched skirt fluttering in the you can't get up again. You know you ing girl an orphan, fixed the noblest wind coming keen as a knife-edge from was a soldier once. Come on! I'll the distant ridge of blue to the northwest, Weir felt an unaccustomed thrill

"Ain't you cold?" he asked.

The child turned about suddenly and ed the foot of the hill, not, however, looked him full in the face. The pupils of her eyes were distended till only a rim of dark violet was visible, and an expression of intense feeling lightened the thin, drawn features. "No," she replied, her lips folding tightly over the small teeth, "I'm hot."

A scarlet spot burnt on her cheek and Weir could scarcely follow fast enough as she bounded forward and

Its sign creaked in the gate, whereon Dry Goods." A door opening upon the narrow porch, stood ajar, and an abominable odor of cheap tobacco and the vilest whisky poisoned the air. The A listener might hear war in their ger haunted sleep the wife of the dying those two lives, "Yes! Yes! Yes!" words before he entered the dark, foul room. A fire in the rusty stove was almost out, but it was kept warm by

A short, coarse looking man, evidently the proprietor, leant upon the counter, and threw in a soothing word sion, and has to die as he had lived, occasionally. The unusual sight of a a superb hero to one appalled and stranger roused his business instincts. "Move round, boys, and make room for the gentleman," he called out, coming forward with a broken chair "Have a seat, sir. Cold evening, ain't it? Take something to drink."

propinquity and profanity

The engineer replied in a sharp neg- rose a home crowded with the accu- Washington. ative, and turned to the group, mulated luxuries and comfort, appre-

double upon an empty goods box, shook races, bright with the bloom of many itself, and rose with that innate cour-climes, a landscape is beheld, rivalling whether I should undertake that tesy, which seems to characterize a in majesty, in sweetness and in light, journey. Answer, 'Yes: do not fail.' true southerner. He held out an un- the far-famed scenes of the Old World. (I may add, by the way, that at that steady hand and smiled in a maudlin Primeval forest, verdant valley, cas- time I had not the slightest anticipa-

"Do me proud, sir," he hiccoughed; "Jeems Ross, esquire, at your service, mantic beauty-these details are sir. Take some'n to drink! Weir moved his hand in a gesture of

shortly, for the benefit of the crowd, stones of the continent.

His abrupt, masterly manner had its into pale gold, was a young woman, 'From Missouri.' This was more proeffect. The man made a great effort, whose slight figure would have indi- vokingly mysterious still, but there and slouched toward the door, the cated a mere girl, but for the serious, the conversation ceased. others making way for him respectful- almost melancholy expression of her ly. Suddenly this atmosphere had countenance. She looked evidently up-

bacco juice broke the depressing calm. in upon her revery. As Ross approached, the girl, who had lingered on the porch, came up going forward to meet the advancing souri, and there was not the slightest only common plowing. In our instrucwhispered, "when you get through with against the burnished satin of her comthe man, won't you go home?" The panion's bodice. on her anxious face.

tle gal, how come you here so late in quite well?"

the cold?" see you. It's bout work, pappy. Oh, You know the steamer was due Wed- phia.

hicle came round a bend of the road. and drove rapidly toward the mansion. Discussion About Important Matter By A wave of faint pink passed over the girl's face, transforming it as sunlight a field of ripened grain. She spoke not, but clasped her hands and watched the approaching carriage.

nesday, and as he would take the train

As she spoke, however, a light ve-

at once, he should be here by the five

o'clock express. It is now after six."

and excited. Her only brother was great scheme of his life-to induce emigration and bring in capital with do try to do what he wants an' mebbe She glanced wistfully at the big, awe the desolated south. Before leaving, he in the southern states it was found had seen the fulfillment of one dream, 'Yes, yes," straightening himself with the establishment of a factory at Glen the pitiful vanity of a besotted creat- Burnie, as the hamlet was called. The water-power located ten years before by him was employed in running the thing that any gentleman kin do." "Well." the engineer said with decison. "I don't want you in the capacity the country. Hundreds of families had stated these first principles, but possiof a gentleman. I wish you to show found food, shelter and better still, em- bly they should be more fully explainme round the headwaters of this river. ployment, in the busy whirl of innu-ed. Come, brace up, and tell me if you merable spindles. There was a new can start in the morning at 5 o'clock zest in life. Fields long lying fallow, sharp. I've got no time to fool away." yielded rich harvest; orchards were The fresh air had cleared some of weighted with the fruits of a pruned the whisky fumes from his brain, and and cultivated growth. Everywhere Thriftlessness, aimlessness and idleness the hearts of a patient people, a sense

were the demons dragging him down of great thankfulness. with many companions, to an earthly As Milton Weir stepped now upon hell of despair lighted only by the lurid his native heath, he had the air of a glare of alcohol. Each soul in some genuine Macgregor-self-contained and hour of clear judgment saw the end, self-reliant as of old, and with the but no friendly hand was stretched out same straightforward simplicity of o rescue. Barren fields, blighted or- manner. Time had not aged him. On chards, burnt homes-to these they had the contrary, as is often the case in and with one voice they seemed to say, youthful spirit, he had a clearer eye plowing down into a subsoil full of 'All these things are against us. We and a more buoyant aspect. The shadow of an anxious, almost overbearing Jim Ross had been a good son, a ambition, had passed away, leaving his

proved a woful failure as a husband ripe October and as full of promise. said, "were too powerful agin him." The weak will succumb in the day kiss upon glowing cheeks. "Thank God! of adversity, and little Tita, named in It is good to be here once more," his an outburst of romanticism left over voice resonant and hearty as of yore. from a few seasons at an old-field Then looking from one to the other, school, knew but the pale shadow of he exclaimed, "To see you both so well the strong, brave, honest mountaineer and happy is doubly good."

His eyes rested upon Tita, the child who had marched off when the bugles of his adoption, the smoke-wreath had Some memory of that pristine period materialized upon the rugged mounstirred the torpid energies now. He tain side yonder that fateful March day. tall pine of his own breezy land, and slender form almost ethereal in its robe slapped his shrunken chest, "I'm your of fleecy white, was taller but scarcely man, sir!" he exclaimed. "Five c'clock less lithe than when she bounded before him on the path to the store; while Weir gave the details of the excurin the large eyes Milton Weir again added, "I advise you to take your heart of a Parma violet, expanding with daughter home at once. This is no intense feeling. The germ of the wo-The frown on his brow softened as circumstances-nay a loving provi-

its perfect development. As on that memorable night, again "See that your father does not forand not till they reached the broad gentleman" in a pompous voice to the stood together at the foot of the granite boulder, where a seemingly useless ton Weir realized the truest happiness

done without a dream of reward. Yet that reward had come. The holding Tita's hand in a truly fatherly clasp. The night was very dark and its nest upon the power and probity of the man beside her that woful night the old man was very drunk. He stagpioneer in the county, and it was to gered and stumbled along in a dazed when he found her by the dead body of The effect of humus is to greatly inengage his services in further investiwith a sense of irresistible foreboding, he had followed the pair on their homeward way. But he had come too "I'm all tired out," he said. "I must late. Together they saw the last flutter of the paralyzed vital forces, and "Oh, pappy," the child cried in a fright, "do don't! If you set down, the moment that proclaimed the weep- half times more rapidly than the hu-

purpose of a busy life. The morning sun was now flooding the encircling hills with a radiance like She lifted the shaking hand and laid t upon her shoulder. Thus supported, gold-dust from the forges of the gods. he managed to get on till they reach-An intoxicating perfume of rhododendrons and a subtler odor of wild without protesting from time to time grapes and bee-haunted clovers filled the air. There was a distant low of cattle and the tinkling of bells as they "I can't go no furder." he groaned wandered in wide, lush pastures, feeding on juicy grasses. Sight, sound, In vain the plaintive voice pleaded and urged. She tried to push him for- smell, all were ineffably soothing and

ward, and tugged at his limp arms. At sweet. But the child of the mountain hut, length he sank down in a heap and de-The night wind howled and shrieked splendid home, kept in her faithful fairly fled up the dilapidated steps of he heeded it not. The long limbs were one menory-the man who had first will store an amount of moisture enlax: the features seen in the ghastly showed kindness to her father, poor, was the faded legend: "Groceries and moonlight flickering through the flying neglected, despised, but never forgotten scud, were pallid and damp with death Jim Ross. She had no thought or de- These shallow and generally poorly average production has increased nearsire that was not filled and dominated The shrill, frantic calls of the child by the presence beside her.

"Yes," she whispered, in answer to re-echoed over the bleak heights, but

THE END.

FORETOLD HIS FUTURE.

Message Carl Schurz Received From Spirit Land. An extraordinary experience with

medium is given in Carl Schurz me-

After receiving what purported to

be a message from Schiller, General Schurz asked that the spirit of Lincoln be summoned to tell why Pres-Upon a spur of the range which dominates the western districts of the state, ident Johnson had called Schurz to "The answer came, 'He wants you

"Where's Jim Ross? I want to speak clated only by refined tastes. Broad to make an important journey for I asked where that journey balconies flank the massive masonry of him.' A long, lean body, dropping nearly its wall of native stone; from the ter- would take me. Answer, 'He will tell you tomorrow.' I asked further cades leaping from dizzy heights, tion as to what President Johnson's streams winding through glens of ro- intention with regard to me was.) "Having disposed of this matter, wrought out as upon the canvas of a asked whether the spirit of Lincoln mighty artist; while circling the whole had anything more to say to me. The pied the ground ninety days after ough breaking and commingling of the are the cloud-kissing peaks of the answer came. 'Yes; you will be a "I'm not a drinking man," he said. magnificent Appalachians, foundation senator of the United States.' This struck me as so fanciful that I could Standing upon the terrace steps, her hardly suppress a laugh, bu I asked fair hair tinted by the evening sun further, 'From what state?' Answer,

"Hardly anything could have been more improbable at that time than grown peaceful as a May dawn. Each on the turnpike, which ran along the that I should be a senator of the brown-bearded face looked solemn as base of the mountain, and was finally United States from the state of Misbefitted a juncture of importance. Only lost in distance. The approach of an souri. My domicile was in Wisconan occasional discharge of surplus to- elderly and very handsome lady, broke sin, and I was then thinking of returning there. I had never thought "They are not yet in sight," she said, of removing from Wisconsin to Mis-

and took her father's hand. "Pap," she slip, and plucking a rose, placed it prospect of my ever doing so. watery but kind eyes rested a moment A caress rewarded her. "My love," tirely unsought and unexpected busi- in depth once in two or three years, but to the great value of a deep and thor-

Miscellancous Reading.

DEEP FALL PLOWING.

High Authority.

The following bulletin issued by the bureau of plant industry of the United States department of agriculture, deals Mrs. Manning was herself flushed in a comprehensive and authoritative way with a subject that is of tremendcoming home after an absence of many ous interest and importance to those years abroad, engaged in perfecting the who seek to be informed on correct

At the commencement of the Farm which to build up the waste places of ers' Co-operative Demonstration Work necessary to outline the fundamental principles of good farming and to insist that the tillers of the soil should tice them as a first step in the betterlargest cotton factory in that part of ment of farm life. We have previously

Preparation of the Seed Bed. Prepare a deep and thoroughly pulverized seed bed, well drained; break in the fall to a depth of 8, 10 or 12 inches, according to the soil, with im-Jim Ross caught eagerly at the offer, were peace and smiling plenty, and in plements that will not bring too much of the subsoil to the surface. (The foregoing depths should be reached gradually.)

> The presence of heat, air, and moisture is essential to chemical and germ in the soil. The depths to which these penetrate the soil depend upon the depth of the plowing, provided the soil water.

roots of plants penetrate the soil deeper and feed deeper in deeply plowed land. Thus, in general, it may be stated that when the soil is plowed 3 inches when plowed 6 inches deep, they have 6 inches of food, and when plowed 10 inches deep they have 10 inches of food. The fact that the bottom portions of the plowed land are not as rich in available plant food as the top

deeper tillage. The most essential condition for fertile soil is a constant supply of moistive elements. The hair roots of plants sion precisely, and then turning o go, saw the pupils, deep purple as the for the soil particles and capillary waman had been in the neglected child, by digging a hole 20 inches deep. If of the time makes the difference bethere is standing water in the bottom tween a good crop and a poor crop. he took the child-face in his two warm dence—had provided the conditions for of the hole, it indicates too much water is it Advisable to Plow Deeper than 8,

in the soil or subsoil. The capacity of a given soil to hold Down the hill she led the way, as swiftly over rough stones and wide clay swiftly swiftly over rough stones and wide clay swiftly swif swiftly over rough stones and wide clay as one friend speaks to another, and passed through the being of this man, upon how finely it is pulverized and the conditions and is the best judge of drainage to all parts of the field. gullies as a gazelle on its native heights. Her companion kept up, his went out into the darkness, leaving a who has been the instrument of her upon the amount of humus in it. Unheights. Her companion kept up, his strange sense of happiness in the heart deliverance. But it was not now an stalwart stride in ludicrous contrast that had never the heart deliverance. But it was not now an plowed lands retain but little water. the fall it undoubtedly pays to subsoil fall breaking should be shallow—not stalwart stride in ludicrous contrast that had never known its meaning. that had never known its meaning. that had never known its meaning. Thoroughly pulverized soil 3 inches to the gliding step beside him. To his has been proved more than 3 or 4 inches deep. Ross did not linger at the store. He few days later, the two-self-constideep can not store enough to make a by some of the best farmers and ex-

> In all southern states there are every year periods of drought, sometimes not tracted to reduce the crop. The remedy for this is increased storage capacity for moisture. This can be accomplished by deep and thorough tillage heart of the child rested like a bird on and by filling the soil with humus (partly decayed vegetation). The effect of deep tillage has been explained. crease the storage capacity of soils for water and to reduce evaporation. A pound of humus will store seven and one-half times as much moisture as a is to pulverize it and allow the air to its water by evaporation three and onemus. A clay soil will store only about one-fourth as much moisture as hu-

> > mus, and will lose it by evaporation

twice as rapidly. Plants use an enormous quantity of water. An acre of good corn will absorb and evaporate during its growth nearly 10 inches of water. About threefourths of this amount will be require during the last seventy-five days of its growth, or at the rate of 2 2-5 inches of after the Dark Ages. They devoted water a month. This is in addition to evaporation from the soil, which, even The frequent and deep pulverization of mulch, will amount to several inches the loving and lovely daughter of a each month in midsummer. In case the land is plowed only 3 or 4 inches verized seed bed was the foundation tirely insufficient to supply crop requirements in any protracted drought prepared seed beds are the principal ly five-fold.

cause of the low corn yields in the south, and they affect the cotton yields Saunders, director of the Central exhigh pitched voices were arguing still. no answering cry replied. In her hun- a question fraught with the destiny of similarly, but not so much, because cotton is a more drought-resisting plant states that farmers usually plow shaithan corn. If planting is done at all, lowly immediately after harvest (Auit is folly to prepare a seed bed so shallow as to bring about the almost total loss of the crop some years and a reduced crop every year.

Many farmers plow or cultivate their corn nearly as deeply as they break deep." Eight inches of breaking in Octheir land in preparing a seed bed, this leaves no space for roots in the pulverized and aired soil. Roots occupy a storage than plowing to a depth of 15 large space. If all the roots of a single vigorous cornstalk were placed end to end they would reach more than a mile, and if allowed by the plowing In every case the directors of their they will fill the soil to a considerable

depth and feed in all portions of it. The Root System of Corn. At the Wisconsin agricultural experiment station it was found that when corn was 3 feet high the roots had penetrated the soil for 2 feet and thoroughly occupied it. At maturity the roots were 4 feet deep. At this time the upper laterals were about 4 inches

periment station the corn roots had penetrated 32 feet deep and fully occu- The following is one of them: "Thorplanting.

ment station the corn roots had penetrated 12 inches deep and had spread but less thorough pulverizing." laterally 18 inches eighteen days after planting. In most portions of the lana the tillage for cane averages 12 south nothing less than an 8-inch seed to 15 inches in depth. ped will insure even a fair corn crop, and 10 inches is safer. Some soils may require more. From 6 to 8 inches plowing is 30 inches. This plantation of preparation for cotton corresponds to 8 and 10 inches for corn, so far as

What Is Deep Plowing-

tions nothing less than 8 inches is con- have been made each year by exact and "But, to forestall my narrative, two sidered "deep" plowing. We are not painstaking farmers to an extent that years later I was surprised by an en- advocating a single plowing of 8 inches leaves no possible room for doubt as watery but kind eyes rested a moment on her anxious face.

"Tita," he murmured, "my pore little gal, how come you here so late in the cold?"

"I come with the man. He wants to see you. It's 'bout work, pappy. Oh, of the lady said, touching her cheek with a tender hand, "you look pale. Are you quite well?"

"Entirely so, dear mother, but I confers you. It's 'bout work, pappy. Oh, of the lady said, touching her cheek with a tender hand, "you look pale. Are you quite well?"

"Entirely so, dear mother, but I confers you. It's 'bout work, pappy. Oh, of the lady said, touching her cheek with a tender hand, "you look pale. Are you legislature of Missouri elected me a senator of the United States. I then the prophecy made to me at the spirit seance in the house in two or three years, but the preparation of an 8-inch seed bed. Concretely stated, a deep, thoroughly pulverized seed bed filled with humus. It should be plowed to that depth, or if cross plow-ing can not be safely done on account of hills then it should be plowed twice in two or three years, but the preparation of an 8-inch seed bed. Concretely stated, a deep, thoroughly pulverized seed bed filled with humus. It should be plowed to that depth, or if cross plow-ing can not be safely done on account of hills then it should be plowed twice in the preparation of an 8-inch seed bed. Concretely stated, a deep, thoroughly pulverized seed bed. (1) It provides more food, because it increases chemical action and multi-

in the same direction and disked thor- plies bacterial life in a larger body of oughly or the smoothing harrow re- soil.

When Should This Plowing Be Done? loses its moisture less rapidly on ac-Always plow in the fall before the count of its cooler lower strata and the winter rains set in: the earlier after presence of more humus. the first of October the better. Al-(3) It increases the number of roots ways use a cover crop of oats, barley, that a plant will throw out. wheat, or rye, if possible. Every observant farmer has noted that seeds and find permanent moisture. (5) It largely obviates the necessity

germinate more quickly and that plants grow more rapidly on fall breaking of terracing, because it holds so much the fall saves work in the spring, when be absorbed by the subsoil. everything on the farm is crowding. A soil from washing, it utilizes the plant makes it more porous, furnishes plant food that otherwise might escape into food, stimulates chemical action, and the air, and it adds humus. The soil fosters bacterial life. is improved by the crop and winter Exceptions Due to Conditions of grazing is provided. In plowed land

the loss of plant food is less than in In case a cover crop is used the loss The water level must first be lowered by drainage.

An objection is sometimes urged that fall-plowed soil becomes saturated with sandy land on dry, semiarid plains, wetter and colder later in the spring than land left unbroken in the fall. helped by adding humus and using a found gold for themselves. Alaska is as swiftly flies away again. They tell This is true only upon land not suf- winter cover crop of durum wheat. ficiently drained and where the breaking is shallow. Water passes through the spring. The subsoil is generally too sonable drainage it is ready for plantspring.

When land is nearly level and draintween. This provides winter drainage 6 or 7 feet wide, according to the crop and keeps the pulverized soil out of the to be planted. Cotton and corn may be water, which is important even if un-left thicker in the row to offset the mainly of upper Alaska.

broken.

The advice to go down gradually is be double-plowed and made as deep as first time and bring to the surface too deepen the soil, increase drainage, remuch of the subsoil. The best plan is duce washing, and give a larger and to double plow; that is, to follow the deeper body of loose, aired earth for breaking plow in the same furrow with the roots. This plan is excellent when a narrower plow or a scooter (with surface drainage is necessary. Soil to sides removed) and go down as deeply be live and friable must be kept out of portions shows the necessity of getting as desired. Generally the disk plow standing water winter and summer. more air and heat down to them by may be sent down 8 or 10 inches with mpunity if the plowing is done in the fall, and especially if the land plowed twice or more.

There is no question that breaking drawn by 4 or 6 heavy mules can penor 12 inches is economical. The cost of an average depth of tillage of 12 or 15 drink this for nourishment. If there is breaking 10 inches deep when done with inches. any more than enough to serve as films a disk plow should not be more than 50 cents an acre in excess of breaking demonstration fields in the Yazoo Delta

10 or 12 Inches? The depth of plowing must be deter perimenters in the world. Some subsoils in humid climates have been made se close and compact by the abundant serious, but generally , sufficiently pro- rainfall that air does not penetrate them to aid in preparing plant food Such fields, therefore, may not show any benefits of subsoiling until after

It rarely pays to subsoil land in the be illegible in twenty-seven years. spring, and it is never advisable to use fully saturated with water, even though the surface be fairly dry. Under such

act upon it Experience Agrees With Theory. No principle in agriculture has been

The Romans plowed on an average inches deep-always three times for a crop, and in stiff lands nine times They did not call 3 inches "plowing" it was only "scarifying."

The Flemish farmers were the firs to follow the better lines of agricultur their efforts to three main points: (1) with the retarding influence of a dust the soil, (2) the accumulation of manure, and (3) the destruction of weeds A deeper and more thoroughly pulupon which England built an improved agriculture, and this principle has been generally accepted there for more than

A late letter from Hon. William perimental farm, Ottawa, Canada, gust) "to preserve moisture and destroy weeds. * * * In October they commonly plow 8 inches deep. Any plowing done in the spring months is usually shallow, not more than 6 inches tober in Canada, where frosts penetrate 3 or 4 feet deep, is better for moisture

inches in the southern states. The writer has visited a number of southern agricultural colleges this year experiment stations favored a deep and

thoroughly prepared seed bed. The Georgia experiment station bul letins repeatedly urge a deep, mellow, and rich seed bed for corn, and the insist that if the soil is not naturally such it should be made so by deep til lage and the addition of humus.

Bulletin No. 63 of the Georgia experiment station, on "cotton" states that "fourteen years of experimentation At the North Dakota agricultural ex- have justified certain conclusions that may be accepted as practically final." upper soil, gradually increasing the At the Minnesota agricultural exper- depth to 8 or 10 inches, using plow and harrow, is more effective than deeper

On the sugar plantations of Louis On the Eva plantation, in the Ha

produces the largest crops of sugar cane to the acre in the world.

In the Farmers' Co-operative Demonstration Work the importance of a deep and thoroughly prepared seed bed Plowing 3, 4, 5, or 6 inches deep is like a garden has been most widely

Stationed There.

shipped out of Fairbanks alone this year, in spite of the strike there, and \$7,000,000 was shipped out of Nome, (1) Never plow below the line of Alaska's mineral resources have ward," said a Japanese lady. "With unplowed land; more plant food may standing water in the soil, because the scarcely been scratched. Through a us when loves comes it lasts. We have be produced and more can be stored, subsoil can not be pulverized in water. large section there are not two miles in a song that we like to sing—'I want which paying gold cannot be struck. to live to ninety-nine years, and you Thousands of men have been induced must live to be a hundred, so that we (2) Do no deep fall plowing on light, to go to certain sections of Alaska in may be happy while our hair grows search of gold on false representations, water during the winter and remains and this especially applies to elevated and then have turned around and on sandy table-lands. Such lands can be

the richest asset the United States has. in Japan a story illustrative of this (3) Do not plow deeply or subsoil in deep breaking readily, and with rea- full of water, and it is too late for much close in October, and all the supplies effective action of the air upon the soil for the region must be shipped into the Brittany. He came to Quimper, and ing earlier than lands broken in the and for the winter rains to firm the country during that period. Neverthe- he found in the Place Publique beside subsoil before planting for cotton. (4) Thin gray soils underlaid with age poor, the soil should not be flat- yellow or stiff clay near the surface, and many other things—in fact, almost of the post-oak flats, and the lands about 5 or 6 feet wide, suitable comparatively level coast lands should In the southern section of Alaska, of silver and sapphires. returned after four years of fighting, physiques dominated by an ever is well drained. There is no use in for planting, with a dead furrow be- be broken in ridges (back-furrowed) 5, course, all forms of agriculture and

> wider space between the rows. The dead furrow between the rows should given solely because the inexperienced practicable, with a good outlet for the wonderful. It is the healthlest place in 'Take it for ten. You've been lying to farmer may try to plow too deeply the water. This method will gradually the world. You see men 60 and 70 me, though. You have no sweetheart. The sugar planters of Louisiana all

use the ridge method (generally 7 feet wonderful future." is wide) both for sugar cane and corn The dead furrow is as deep as a plow op the soil particles and absorb nutri- and pulverizing to a depth of 8 to 10 etrate at the last breaking. This gives having returned from Fort Gibson, The adoption of the ridge method on Washington from New York in an au-

ter, there is too much and it should be 6 inches deep. Whether a plant has in 1906 increased the yield of corn from authorities until they pulled up in drained off. This can be determined plenty of food all the time or only part 14 bushels per acre to 70 bushels. No front of the New Willard hotel, where Winter Management.

and Subsoil.

the soil should be disked or harrowed And cultivation done after the deep

Special Agent In Charge.

Approved: B. T. Galloway, Chief of Bureau.

September 15, 1908.

to Chemists say that papers written American manufacturers of well the subsoil plow when the subsoil is drilling machinery have a practical the world.

conditions of plowing the clay subsoil gar It has been decided that a conis pressed and packed, when the object gress of the chambers of commerce of methods of fifty years ago have dethe British empire will meet in Australia during the year 1909. AW Nearly all medical men in the requirements are altogether different

West Indies advise the wearing of thin more thoroughly demonstrated than the value of a deep, thoroughly pulverized Many persons wear "cholera belts" of turning out the man who will be time, are disappointed when they see

ALASKA AN EMPIRE.

"Alaska is an empire without a popernment direction, and I am wonderful- other words, if business is to be made than on spring breaking. Fall plowing water in suspension that heavy rain- ly impressed with the future of that a higher art the natural genius of a renders more plant food ready for use, falls will go to the bottom and be held country. As large as all that portion man will count for more than all the while the preparation of the land in by the drier earth above until they can of the United States west of the Mis- courses of a business college of the sissippi river, it has a population of proposed type." (6) Humus enables the soil to store only 60,000, and the people of the states cover crop is a net gain. It keeps the moisture, increases its temperature, have but a hint of the wealth within its

> continued. "They open in May and west. raised there during that short season, ets. stock raising are engaged in with sweetheart?' said the old woman. growing success. But I speak now

"You don't see Alaska except in winter time. In the summer it is much like the tourist turned angrily away. any other country, but the winters are years old doing hard manual labor Had the ring been for her you'd have without exhaustion, so exhiarating is bought it at once without regard to the climate. Its healthful qualities are its price. being recognized, and away up to Hot Springs there is a hotel that cost \$250,-000. It is built mostly of logs, it is true, but it has a natatorium as big as ring up. this lobby. Yes, sir, Alaska has a

ant G. C. Rockwell are on a leave of francs. Oh, you men!" absence, the Tenth infantry recently Alaska, to Fort Benjamin Harrison. The two officers made the trip to tomobile, and had no trouble with the taken to headquarters, charged with Berlin paper, by which the intelligence

"We did not for a moment suspec said one of the officers.

SPECIAL TRAINING.

recognizance.

Business Success.

None of our institutions of learning have ever attempted a more interest ing experiment than Harvard univerwith the ink in general use today will Colburn, a retired merchant of Kansas City, to a New York Telegram re-

"Business men who are retiring from monopoly of the business throughout the activities of trade naturally look apon the new idea as more ideal than parted from business never to return. "While it is true that conditions and

upon the new idea as more ideal than no comment on the matter, and un-practical, but we must not forget that doubtedly recognizes the real worth now, I question whether the new high- seriousness, the advent of Queen Hel-

needed. I am inclined to believe that no Apache Indians."

despite these plans for stuffing business ability into a man through the medium (2) It stores more moisture and it Interview With an Army Officer Long of a special course of two years after he has finished college, we will find at ulation," said Quartermaster J. Schick, tury that the men who are at the head of the Tenth United States Infantry, to of our great commercial corporations a reporter for the Washington Post. will have to come up on account of "For two years I have been stationed their individual fitness regardless of there in connection with the installa- special training, just as our leading tion of the telegraph lines under gov- business men of today came up. In

BUYING A RING.

"Although \$11,000,000 in gold was A Story They Tell in Japan to Illustrate Occidental Love.

"The Japanese marry out of esteem gray.

"That is better." she continued. their own account have dug down and "than the love that comes swiftly and "The seasons are short," Mr. Schick transitory love-the love of your

"A tourist, they say, was touring less, the best potatoes in the world are the river and old woman selling trink-

"'What is the price of this?' he most everything else-can be grown, asked, taking up an antique ring of

"'For my sweetheart.'

"'Fifty frans!' "'Fifty francs! Nonsense!' And "'Come back,' said the old woman.

"'I will take it,' said the tourist, smiling. 'Here are the 10 francs.'

"'But you haven't a wife either,' she grumbled. 'If it had been for her Quartermaster Schick and Lieuten- you'd have beaten me down to five

UNIFORM STANDARDS.

Comment on the Idea of a Well-Known American Lunatic.

At various times and places universal standards have been suggested. they were arrested by a policeman and writes a "One Time American" in a In case no winter cover crop is used speeding, but released on their own of a nation should be judged. Thus, its consumption of soap, its patronage of newspapers, etc. Why not include also its credulity as to America and its people? A local paper, he continues, prints a column interview with one Louis A. Gourdain, who predicts that a royalist party, which numbers over 3,000 voters and has a strong organization in every state of the Union, will within three years overmysterious woman of royal

throw the government at Washington and establish a monarchy, with a but born in the United States as queen. sity is about to launch in its college of industrial captaincy," said Wallace R. ful and unmarried, but the leaders "will have no difficulty when the time for marriage comes to bring about union with a member of a European royal family. be created, and the men who are now known as "bosses" will be the firs barons, counts, etc. The paper makes "They take it seriously," says the writber of men, of more than average intelligence, discuss at a club,

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