PIANOS

WAY TO GET RID OF THE WEEDS

Keep Right-of-Way Clean.

W. R. M'KEEN CARRIES OUT MOHLER'S IDEA

Machine Consumes Gasoline and Will "-nvel Over Twenty-Five Miles a Day Cleaning the

Ground.

. problem of keeping the right-of-way on railroad branch lines free from weeds during the summer months has always been a difficult one to the operating officials. On many of the branch lines, along sidings and commercial tracks that are infrequently used, the roadbeds are ballasted with dirt, and from early spring until late in the fall the rank growth of weeds becomes a source of great annoyance and heavy expense. It is a common sight on branch reads throughout the western prairie country to see weeds two or three feet high, and on commercial tracks where seldom used, sunflowers and other rank growth as high as seven and eight feet along both sides of the track. This forms a great obstruction to the movement of trains, causes slippery ralls, which makes operation very annoying, and necessitates considerable reduction in ton- first burning early in the year when the nage with the consequent decrease in rev- growth has reached six to eight inches in enue.

It has been found absolutely necessary days later, when it has dried somewhat, to get rid of this growth at any cost. The and this time the weeds are entirely conpilot of the locomotive has been made use sumed and the roots killed. It is someof to some extent by fitting it with knives, times necessary to repeat this performance but this has not been of much benefit, and three months later. in the main, it has been necessary for the The machine is capable of burning from track department to engage large gangs of twenty to twenty-five miles a day, running men to cut this growth at an enormous about three to four milles an hour. Three expense with scythes and shovels, and this men, all told, are required to handle the cost is practically continuous throughout car, which they do, the car being handled the summer months, as the growth is as on the road under orders as a regular train. fast as a reasonable number of men can cut it. The time at which this work has to be done is at a time when laborers are in great demand in the fields, and it is often almost impossible to get the men at any cost during this period. On these branch lines the track, generally speaking, being light, operating officials begrudge this unproductive outlay of labor.

Many Suggestions Made.

The Union Pacific railroad a year ago set about to produce some means of handling this work at a minimum cost. Many suggestions were made; namely, cutting the weeds by machinery, sprinkling the rightof way with a saturated solution of salt nice weather a trip through the country and water, which would tend to kill off the weeds. But after numerous experiments in the way of machines for the work the idea of a gasoline weed burner was conceived by A. L. Mohler, vice president and general manager, and one has been developed in the shops of the Union Pacific in Omaha, under the direction of W. R. McKeen, jr. superintendent of motive power, which is doing the work very successfully and at a

greatly reduced cost. The weed burner as designed consists of a four-wheel car entirely of steel, with in the Chicago Tribune. The measons for regulation standard wheels, axles, boxes



and pedestals. At one end of the car is a gasoline angine mounted on the floor, which is used for propeiling the car and pumping air, the air being used to force Burner is Contrived by Union Pacific to gasoline to the burners and to elevate the side wings. The propelling mechanism is designed with two speeds-slow speed used while burning weeds at three to four miles per hour and the high speed used in going to and from work at twelve to fifteen miles

ner hour. Attached to the car are a number of tanks carrying the supply of gasoline sufficient for the day's run on the road. This gasoline is forced into a system of burners carried on the back of the car, making a very hot flame close to the ground, which practically kills the weeds, while by cutting

them the growth is in no way stopped. Burners are Attached.

Where the weeds are cut by hand it re-

guires approximately sixteen men to cut

one mile of track per day, hence the ma-

chine does the equivalent work of about

From the foregoing it will be seen that

this innovation and solution of a difficult

rallroad problem has really been a very

on each side of the rails,

306 men.

At the rear of the car, carried close to the ground, is a framework carrying the piping, to which is secured a number of burners placed in rows across the track. The framework is divided into three sections-the center section extending a little

a planist who played an engagement under beyond the rails, and the side sections hethe auspices of a former singer who occaing hinged to the center section in order sionally superintends concerts in a neighthat they may be lifted out of the way of boring town. She came to New York, saw obstructions outside of the track, and to the manager of the virtuoso and arranged clear cattleguards along the right-of-way. o pay \$300 for a concert. There were plenty They can also be set at any elevation in of unsold seats when the planist arrived order to get the burners close to the ground in town and a considerable deficit as to the on any kind of grading. With these three guarantee. But the manager said nothing sections in operation a strip twelve feet about this and filled the hall with deadwide is burned, or three and one-half feet heads. After the concert the planist got a check for the amount of his guarantee and It has been found advisable to make a was so well pleased with the evening that he asked the lady impresario to come out height; then going over it again a few

leave for two hours. She accepted and in the grill room of the hotel they enjoyed some supper and a bottle of champagne. The time passed so pleasantly that it was the planist's train time before he noticed it.

"You will excuse me for running away so hurriedly." he said after he had expressed his delight over the success of the evening, "but 1 barely have the time to catch my train. And will you do me the favor of mailing this letter for me. It con-

to my manager in New York. Will you be kind enough to mail it for me." The impresario's enjoyment of the evening had been disturbed only by the simple matter. The gasoline weed burner thought of the deficit. She was wondering is in reality an automobile mounted on how in the world she was going to make railroad car wheels and equipped with the up the difference between the \$500 check weed-burning apparatus. The car carries she had given the planist and the \$350 the the fuel for the burners, as well as for its concert had netted. It would be necessary

Medical Science Centering Its Skill on Mankind's Worst Enemies.

mankind's enemies is sounded by Dr. Nicholas Senn, a distinguished member of the medical profession, in a short article his confidence as well as the lines of the campaign now in progress are thus out-Victory has followed victory, and many of the most dreaded diseases have now be-

obtained by Behring's scrum in the treat-One afternoon in the early spring a tious discases. The clientele of the phys- with her to sing some duets. She sug- finally decided that he would and make Iclans is growing smaller and smaller, but gested a popular baritone.

nue in which the opera singers gather during the season the impresario of a talking machine was discussing with sev-

selves."

eral guests the propriety of his having

although it would be hard.

thing about my having been here. They

It was not until he had paid this agent

10 per cent on the amount he received

that the barytone learned how little he

Tenor and Conductor Clash.

him for some time and he had frequently

been engaged for his maximum fee to

sing at her house. He had been so

friendly this time that she supposed, of

course, he had no financial interest in

well-known conductor and composer, to

the matter. He even got his friend,

NO GROUND FOR CONCESSION | if the government should put on a more

Packers and Commission Men Criticige Post-Mortem Examination Stock Rule.

Omaha express the belief there is no stock made by the government and not new one. Under the circumstances the

pare plans for the proposed new structure.

rigid ante-mortem inspection before the Trainor wants competitive bidding for the stock is weighed out it would relieve all work and wants the county and city to parties concerned. They believe the pack- go in together on the building. Bruning ers would concede to such an arrangement, has a third plan calling for competitient The commission men declare they do not blds from architects, but he is fatherin care how rigid the inspection may be, a resolution which proposes to remodel communicate with the singer the next; Packers and commission men of South but they want this separation of suspected the present building instead of erecting a



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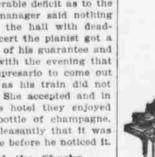
weet Mixture of Plain Graft and the Artistic Temperament. SOME STORIES TOLD IN OLD NEW YORK Impresario Who Changed Checks

and the Violinist Who Got Eight Hundred Dollars for Doipg a Favor.

WHEN MUSIC AND MONEY MEET

NEW YORK, May M.-There is never a season that does not bring forth some striking exhibitions of the musical temperament, especially when it collides with finance. It is at this psychological moment that the exhibition of the musical genius is most interesting.

One of the tales of the season relates to



to supper with him, as his train did not

Simply Changed the Checks.

tains the check you gave me for my guarantee. A put it in an envelope to forward

own power, and its operation is so simple to do some hustling before the check got that it is a comparatively easy job for one back from New York.

man to handle this machine. In fact, in Then she suddenly realized that it might not be necessary for her to worry so after on this weed burner is a very pleasant ride. all. She could not mail the letter anyhow until the morning. By the time morning FINAL TRIUMPH OF MEDICINE came she had slept so well with the thought that the check was not hurrying to New York that she had another idea. She took the check out of the envelope, made out another for the exact amount

of the net takings of the concert and A note of approaching triumph over then enclosed that to the manager in New York. Then she tore up the first check. "What if I did?" was the answer of this lady to the manager when he protested. "He didn't draw his guarantee and therefore he did not deserve it. Why should i have gone down into my pocket for it?" As this lady impresario had been a planist herself, she had the musical temperament too. come powerless in the conquest of preventive medicine. The wonderful results

One Little Case of Graft.

ment of diphtheria is the surest indication group of women sat in the drawing room that in the future crude drugs must of a prima dona who had been engaged give way to scrotherapy in the successful to sing for a charity. They wanted to treatment of all acute, self-limited infec- know who she would care to have appear

their glory as humanitarians and scientists Nobody knew his address, and that a memorandum to have his secretary s rising and will reach the zenith after oming generations of more erudite physi-friend of the singer entered the room.

How to Tell Clothes

By A. Frank Taylor

holds out much promise and may prove to ERE's my great test for clothes: be what we have been seeking for centu-Thousands on thousands have ries-a specific against this disease. But made this test-for it has paid what is vastly more desirable than a spethem to do so-

cific remedy in the prevention of the dis-My test has enabled Careful Clothes ease. We must meet this enemy openly Buyers to get Full Value for their money -it has prevented them from spending and boldly, as "surely the best way is to meet the enemy in the field and not wait their Good Money, for which they had to till he plunders us in our bed chamber."

give Honest Value in the Shape of Work, Scientists had good reason to suspect the for Clothes in which there was no honest Value-Clothes that had been improperly and

Carelessly Cut in the first place-and had and behavior in the tissues contravene the his musical temperament had declined to been Improperly Tailored in the Second parasitic origin, and point rather to an pay the promised commission. Place--Ciethes that, when they came up for erratic cell growth of the nature of which

Final Inspection, were not sent back to be we know little, but future investigations properly corrected-as they should have from this standpoint ultimately may forge been-although that would Cost a little the key which will unlock the mysteries of this, the most stubborn and cruel of money-

-but were given over to Old Dr. Goose, all chronic affections. When we once shall the hot Flat Iron-because his work is succeed in lifting the curtain which hides Cheap-to be merely Pressed and Stretched this foe we will make it more vulnerable and Shrunk into a Shape Resemblance. to the attacks, of the closed columns of -Clothes that, while they looked Good in every way except in the one way my medicine, and the hand to hand encounter test reveals-at the "try on"-lost their of individual physicians and surgeons. Shape a short time after they had ocen Preventive medicine is the medicine o

Bulged at the Lapels-Drooped and tific medicine will be the suppression of Wrinkled at the Shoulders-Gaped at the disease. In this struggle with the causes Collar-and Creased Back and Front. of disease we need not only the carnest

and united support of the medical profes-On the other Hand My Test has enabled aton in the front ranks of this movement, Careful Clothes Buyers to buy the suit but the encouragement and financial aid that has been properly and carefully Cut -that has been put together by expert Needle-workers who moulded permanent Form into the Very Cloth by means of the Needle. Hygienic institutes must be established

It has enabled Careful Buyers who want smart and stylish clothes to know "Sincerity" Suits-the suits that prove by actual Wearing that they are made right and responsible office of sanitary or from Start to Finish.

The suits in which the Lapels lie Flat and Shapely-in which the Shoulders are health commissioner in the different communities. One such institution, centrally Smooth and properly rounded-and in located and amply endowed, would be a which the Collar lies close up to the back greater benefit to the people of the United States than all the Carnegie libraries and of the Neckthe supernumerary, half starved, insig-

Just try this Test of mine, Mr. Reader-It doesn't make any difference upon nificant colleges and academies. Health officers should be above the mire what clothes you try it-the next Suit you buy from your High Priced Custom of politics and should be appointed for their merit, without any regard to their political Tailor or the one you buy from the Dealer complexion, and should receive a salary in ready-to-wears.

You can prove for yourself that what I commensurate with their service and social position, and should hold their office as tell you he true-

tell you is true— You'll find that the Buit the Collar of which isn't absolutely straight from tip to tip will not hold its Shape— And the one the Collar of which is straight from tip to tip will look stylish and shapely for a long time to come—and nine times in ten will be a "Sincerity"

scientific sanitation. But to accomplish our final object in public sanitation means must You'll find "Sincerily" Sults at your high-grade ready-to-wear dealers-Look for the label below in the Coat of the next Built you buy-It insures Style, Service and be provided for popular instruction in hygiene and manitation in our schools and by popular lectures, in order to reach the mass of the people, and by so doing enlist



ians have conquered and laid at their He was not a singer but he knew many feet the two worst enemies of mankind- of them. tuberculosis and cancer. We are confident "You must know M. Wobbellint's adthat tuberculosis in all its forms soon will dress," the singer said. "Tell these ladfes

forced to retreat, as we know its mi- that they may write to him about the conrobic cause and are familiar with its cert next week." nethods of warfare. We have learned by The newcomer obligingly gave the adlong experience that the most formidable dress and disappeared after a very brief

weapons in fighting this disease are not call. He did not go home, however. He drugs, but pure air, sunshine and nuwas in the telephone booth downstairs tritlous, easily digested food. Prof. calling up the baritone. Wright's opsonin treatment, now on trial.

"You will give me 10 per cent then, will you," he was saying, "if I get you a con- prefer to do all this sort of a thing themcert next week? You will have to sing only a few ducts and you must ask \$600." Over the telephone came the assent to this proposition.

"All right," he said, "the ladies will write owed him. to you tonight. I get 10 per cent, remember.'

The facts of this little arrangement did latest development of the artistic temnot come to light until the middleman who perament under the influence of husiness. microbic origin of cancer, but so far have had thought he was picking up \$6) at an failed in proving it. The geographic limi- informal Sunday call had to hire a lawyer has never reached the highest place, tations of cancer, its microscopic structure. to get it, for the baritone, with fidelity to volunteered to help a woman friend get up a concert for charity. She had known

Violinist and His Pay.

Once a rich grandfather volunteered to give his grandson a start in life. He had studied music, appeared in public without success and thought he would like to be a musical manager. Grandfather put up the money and the boy rushed off to Europe to engage a violinist whom he had always re- at the concert. It was the conductor who garded as the greatest in his profession. received the day after the concert a franthe followers of the flag of preventive He made a contract with him to come here tic telephone call asking him to come to for a larger sum than he had ever received see her immediately. He was there that

talked about here."

Graftsby

dis-

ong as their work is effective and satis-

factory to the community. If these things

were realized a new and much needed

specialty in medicine would be created-

their interest and secure their co-operation.

Nothing would be of more far-reaching

value to the laboring man than to be

taught how to avoid disease and preserve

his health. All great reforms must have

a beginning in the household. If we can

interest our governments, our people, our

educators and the public press in this great

cases we confidently may expect the

millenium in medicine in due time, and it

will be inaugurated by the final triumph

movement of abolishing preventable

of scientific medicina.

in his life before. It was his inexperience afternoon. and his great admiration for the man that "What in the world do you think has the future, and the final triumph of scien- led him to risk so much of grandfather's happened?" she began. "Why, Saenger money in that way. The man had precisely has asked for his regular fee of \$400 for the same experience that he always en- singing yesterday in our concert. It was countered in this country. The public man- such a small affair, given here in my own fested so little interest in his highly artistic house, that we will have no profit if I have performances that more than \$20,000 was to pay him that. I have known him for sunk in the venture. There was still some so long, and to think that after acting as

o the continent without having settled the

natter he was called back by the efforts

of the governments, general, state, county, more money at home, however, and grand- if this was all to be done for charity he city and village. Sanitation on a large father advanced enough for a season in now sends me a bill for \$400. scale, to be effective, is costly, but every London, where it was thought that some The conductor and composer thought for dollar spent will bring good returns, of the money might be got back. a while.

"I think I can settle that all right," he "You come to my rooms this afternoon and maintained where young physicians if you have the time." said the youthful im. said. "I will see him and let you know can receive the necessary education and presario, "and be introduced to Lady Lyon what he says."

Then he sat down and wrote this note to training to prepare themselves for the high Searcher and the duchess of Graftsby. It the singer: will do you good to know them. Then

Dear Saenger: Since I learn from our friend Mrs. X that you are to receive com-pensation for your appearance in her char-ity concert yesterday I cannot, of course, there will be some other society people there and they will all help to make you talked about here." The impresario had managed to corral a few society people, and they expressed great delight over meeting the distinguished violinist. After a while he was asked to play for them. His violin was there, but he protested, looking all the while for ad-vide to his manager. He winked and the music began. London exhausted all the plie that grand-father had laid aside and there was no the protested is accompany you for nothing. I spoke to Mrs. X about the matter and she to accompany you for nothing. I spoke to Mrs. X about the matter and she to accompany now, as you thing only under very special circum-stances. My fee the last time I piayed ac-companiments was \$600. I will not raise it on you, but let it stand at the Mrs. X to music began. London exhausted all the plie that grand-tather had laid aside and there was no

father had laid aside and there was no This, of course, put the enterprising tenor omeback. Accounts were settled up and \$100 to the bad. It had the effect, more the violinist, who had received \$800 at each over of opening his eyes to what he had of his three concerts, was the only one done. He had never suspected that what who had earned a cent. The night before he had done would ever reach any other he left London the violinist sent a letter ears. He wrote, therefore, to his accomto his manager asking why one London panist that he had been misinformed, as concert had been omitted from the number. he had no idea of taking any compensa-He had not received his \$800 for playing in tion, and simultaneously dispatched a note the manager's rooms for the duchess of to the woman saying that he had heard that his agent had sent her a bill under a

A month after a writ was served on the misapprohension, supposing that the connanager, and a little later when he went cert was an engagement in the ordinary course of business.

Consumption of Wood Pulp.

WASHINGTON, May 25 .- A bulletin is sued by the census bureau today places the total consumption of wood pulp in the United States for the year 1996 at 3,646,698 cords as compared with 3,192,123 cords consumed in 1906. More than half of the pulp was made from spruce and of the spruce

call from one of the guests at the same stock sold subject to the post mortem rangement would satisfy the shipper retable. He wanted to know if the man examination, the rule concerning which specting the fair distribution. would like to sing in the talking ma- goes into effect Monday. The packers con-

> URE TO BREAK THE DEADLOCK Before Court House Matter Is Acted On.

The move for a new court house is tem-

position to decide between them. Under a resolution passed by the board heads of departments at the court house will be required to certify in to the auditor the passing the scales the packers shall bear the board Saturday morning all of the salary list of their offices containing the names and salaries of employes paid by resolutions relating to the subject were laid warrant. The payroll will then be made over for another week. Mr. Ure is expected. up by the nuditor instead of by the county

Jury Disagrees in Marder Case.

draw up plans for a reinforced concrete

and a steel structure. Bids will be asked

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of the violinist to have him declared bankrupt. The final \$500 was paid be cause the manager had not immediately opudiated the demand for the money when was made first. If he had declared at he minute that he did not owe it there night have been some possibility of his

setting out of the payment. At the French restaurant on Fifth ave- pulp, 721,322 cords were imported. ers until the inspection is such that after any losses from the post mortem inspec-It was stated by representative men of back from Mexico early in the week and each side there was no possible concession until he comes the question of a new build-

the company tomorrow. Don't say any- for this reason determined the stock shall be bought subject to inspection. The commission men have signed an agreement to sell no more cows nor helf-

tion It was another benefit that supplied the from the rule on the one hand and the signed agreement of the commission men on the other. The letters of advice sent A tenor who is very popular, although he

The failure of the board to take up the question indicates there is a deadlock out to the shippers is they shall hold all which Ure will have to break. Kennard cows and helfers until the matter is set- and Solomon are both in favor of employtled. The commision men are agreed that ing John Latenser as the architect to pre-

ground for concession in the matter of lift to men in their employ. Such an ar- members of the board decided the only thing to do was to wait for the return of The county board is about to make an investigation of the efficiency and economy

chine, what his terms would be and how tend they have borne the loss of conmuch he would give if the caller man- demned stock until it can no longer be of concrete and steel bridges over streams aged it. The singer was delighted and endured. At Armour & Co.'s plant as many Fifth County Commissioner Awaited which have heretofore been bridged by wooden structures. At the meeting Saturday the county engineer was directed to

the caller told him he might arrange it, as sixty cows a week have been condemned The other plants show corresponding rec "I will start right in now," he said, ords. The packers hold this loss should "and maybe you will get a letter from fall upon the shipper of stock and are

on both kinds so the board will be in a porarily at a standstill. The commissioners prefer to await the return of Commissioner Ure from Mexico before proceeding any further. At the meeting of

clerk as at present. ing will remain as it is now.

KANSAS CITY. May 25 -The jury in the case of Thomas W. Parks, proprietor of a cleaning and dyeing establishment charged with the murder of Perry Corbin, a plumber, reported a disagreement this morning and was discharged.