# THE PRESIDENT ACCEPTS EMPEROR WILLIAM'S GIFT

# Address Delivered at the Unveiling of the Statue. of Frederick the Great in Washington in Response to the German Ambassador's Speech

Dollvered in Washington, November 19, 1904

hich it typifies for United States. his Republic both on

Empire as among the foremost of German Steuben.

length the career of the mighty composite stock the German is. Here king and mighty general whose stat- on this platform, Mr. Ambassador,

for heroic deeds; in peace and friendship with the other are not attracted nations of the earth. 'A young people, soldier must yet, a people of composite stock, we have he greatness of man, kinship with many different nations,

An bassador, in accepting without giving offense by an appe rgiven us to-lay throu h ance of meddling, to seek to bring German Emperor, I ac- about a better understanding and a merely because it is the broader spirit of fair dealing and tolmighty and terrible sol- eration among all nations. It has of it as a symbol of been my great pleasure, Mr. Ambassafriendship and good will dor, in pursuance of this object, reas the years go on will cently to take with you the first steps closer together the American in the negotiation of treaty of friendman peoples. There is ly arbitration between Germany and ood between the two na- the United States.

ASSADOR: Through you we feel that we have the right to be the people of the legitimately proud, and yet our naank His Majesty, tionality is still in the formative per- habited to compare with it. The farth- decent to anybody.' and the people iod. Nearly three centuries have est point of New Foundland or the lowift to the nation elapsed since the landing of the En- est end of Hudson Bay are points about delivered to me. glish at Jamestown marked the begin- on the same parallel. The uppermost

ppreciation of the ning of what has since grown into the point of Scotland is on agline with the peror and on the of newcomers from many different Boston being of the same latitude as people. I accept cuontries abroad have in each genera- Rome, Italy, or New York on a line statue of one of tion contributed to swell the increase with Madrid, Spain. Birmingham's latsoldiers of all of our people. Soon after the English itude is the same as that of the Suez about the "colored" playcard at the riate.-Correspondence Rural World. peculiarly appro- settled in Virginia and New England, canal, of Morocco, Algiers, and the up- other end of the same car. this War College, the Hollander settled at the mouth of per part of the Sahara desert, but there the statue of a great the Hudson and the Swede at the isn't one man in a hundred who thinks side of the car, was a yellow card on In other series of experiments ordinery variety of brown from the softest and drink. was devoted to the mouth of the Delaware. Even in cor- about it in this light. great people, and whose onial days the German element had ads hastoned the approach of the become very strong among our people Germany should in various parts of this country; the stream, which flows up the Atlantic foothills of the Alleghanies; French coast, and strikes across the ocean from as a soldier Frederick the Great foothills of the Alleghenies; French New Foundland. Passenger vessels alsiks in that very, very small group Huguenots were numerous. By the ways take this upper course in going tich includes Alexander, Caesar and time of the Declaration of Independ to Europe to acquire the advantage of annibal in antiquity, and Napoleon, ence that process of fusion which has its current. Without this stream Eurpossibly Gustavus Adolphus, in gone on ever since was well under ope, as we now know it, would be uninredern times. He belonged to the an- way. From the beginning of our na- habitable on account of the severely and illustrious house of Hohen- tional history men of German origin cold weather. I recall once reading a which after playing a strong or German parentage played a dis- story of a fictitious war with England, the middle ages, and tinguished part in the affairs both of in which some genius drew off the some men, like the peace and of war. In the Revolution- waters of the Great Lakes into the Mis- Academy, I'd tear that cursed poster of \$1.83. This test has been duplicated account of the great beauty of the were among the ary war one of the leading generals sissippi channel, by way of a canal, down and throw it out the window. in several ways, and the results all country, but for another season. inces of their time, was Muhlenburg, an American of thus forcing the Gulf stream south, and I come from Indiana, sir, where a agree in showing conclusively that There are no less than twenty-seven house of Prussia German descent. just as among the freezing up the British Isles. and a stablished the mighty Ger- us one of the name of We receive this gift the first speaker of the House of Rep- York state, for instance. Perhaps the labels, as you Southern people do, in ough distribution of the manure of the wat the hands of the present Em- resentatives; and the battle which in most striking difference, and one which order to be assured that we are 'white' best results are to be obtained. In ington, so that save getting a very for himself a man who has mark- the Revolution saved the valleys of gives an excellent idea of the compara- I am mighty sore about this. It's spreading manure by hand it is pracnice supper at Seelbach's in Louisluster of his great the Mohawk to the American cause tive closeness to the arctic circle, is the no wonder the colored people resent tically impossible to so distribute it ville, we saw none of the glories of profitable, invested capital considered, eat nation, a man who was fought under the lead of the Ger- length of the twilights. I have been in this sort of thing. They feel about it that there will not be greater inequallife to the welfare of man, Herkimer. As all the different Glasgow when the gloaming lasted un-, no doubt fust as I do. I've got to ities than that shown by the four-ton women, brilliant men and strong bev- well worth visiting as an example of while keeping races here tend rapidly to fuse to. til after 11 o'clock et night. Of course be a Democrat-can't be anything else; rates above a med. Our first man-erages. Arrived at St. Louis at 7:30 ready to defend the rights of gether, it is rarely possible after one street lights were necessary long before but I'm not a Southern Democrat if ure spreader the experiment sta- a. m. Saturday morning, as advertised, leave this afternoon for Montgomery. people, has also made it evident or two generations to draw a sharp this, but there was a perceptible twi- I've ; t to be labelled 'white' when- tion was bought for the purpose of se- our train being "on time," and after amphatic fashion that he and they line between the various elements; but light, as it is in our own summer, a ever i ride in the cars. No-sir-ee!" curing in our comparative tests a more securing a habitation, which we aceste peace and friendship with the there is no student of our national half hour after the sun has gone down. This was not all the words the sen- uniform distribution of the manure complished without any great loss of conditions who has failed to appreci- In the winter time, the nights of course, sitive Indiana man used. I was very than we were able to obtain by other time, we took our way to the expohis not my purpose here to discuss ate what an available element in our are correspondingly long."

y Hannibal fought so long against and among the officers of the army own concentrating establishments may know anything about my business. th terrible odds, and while Hannibal and navy who have listened to you be imported free of duty into Canada. tally failed. Frederick finally tri- and who now join with me in greeting sphed. In almost every battle he you there are many whose fathers or ! ight against great odds, and he al- grandfathers were born in Germany, round," remarked the impecunious on the victory. When and not a few who themselves first lover. to an even greater saw the light there. victomous. The Each nation has its allotted tasks to lives in mankind culties to encounter; and as the peo- adelphia Press. and its operations ples of the world tend to become more the minutest detail closely knit together alike for good as the world sees a soldier and for evil, it becomes ever more imof the name. It is difficult to portant to all that each should proswhether to admire most the vic- per; for the prosperity of one is norles of Leuthen and Prague, Ross- mally not a sign of menace, but a and Zorndorf, or the heart-break- sign of hope for the rest. Here on this g campaigns after Kunersdorf, when continent where it is absolutely es-King, after having been sential that the different peoples com- A large per cent of our farmers live subject of inoculating soil with nitroto the ground by the banded ing to our shores should not remain on the prairies and have not the gen-gathering bacteria went the Europe, yet rose again and separate but should fuse into one, our slightest concern in the value of wood rounds of the farm press some time an exhibition of skill, tenacity, en- unceasing effort is to strive to keep ashes. Quite a per cent, however live ago, so it is by no means a new one to and daring such as had never and profit by the good that each race in sections of the country where wood those who keep posted in this line of seen united in one person, brings to our shores, and at the same is the only fuel, and still others where literature. Lately, however, other patriumph from defeat, time to do away with all racial and large amounts of wood are burned in pers and magazines have given space he military scholar al- religious animosities among the vari- log piles and the ashes go to waste. to this important discovery and it has career of Frederick ous stocks. In both efforts we have It may be worth while to say taken a new start. Many, who, have sons in strategy and met with an astonishing measure of something on the value of wood ashes. perhaps, read and forgotten all about ust the military ad- success. As the years go by it be- Like most other products, they vary it, are now wondering and inquiring turn to his career comes not harder but easier to live in ganizing success; not peace and good will among ourselves; ing worth much more than those of is well worth investigating, as it bids of heroism read and I firmly believe that it will also shty feats as long become not harder but easier to dwell

men, should find vian, the Italian, the Magyar, the Fin, contain.-Exchange. War College; for when the Slav, so that to each of the great soldierly heroism powers of the old world we can claim virtues which alone ness to each of many propies a ross

of the United States are of In closing, let me thank you, and In our veins runs the through you the German Emperor and the peoples of mid- the German people, for this statue, western Europe, which I accept in the name of the Amhave a history of which erican people; a people claiming blood done a great deal to increase the pros- ash for the reason that to our certain.

kinship with your own; a people owing much to Germany; a people which, though with a national history far shorter than that of your people, nevertheless, like your people, is proud of the great deeds of its past, and is confident in the majesty of its future I most earnestly pray that in the com- How an Angry Traveler Reing years these two great nations shall move on toward their several destinies knit together by ties of the heartiest friendship and good will.

## ENGLAND'S LATITUDE

### Few People Realize How Far North It Is

(Birmingham News.)

people realize how far north Engla: I really is, although the subject is one of frequent discussion," said the old geographer. "For example the latitude of London is so high that there is no city on this continent sufficiently inlower end of Greenland, the land of 'icy During these three centuries streams mountain' fame. How many think of

"Of course the reason for England's temperate climate is due to the Gulf

Muhlenburg was compares very well with that of New ago; but sir, we do not have to wear further shows the necessity for thor-

Petroleum for use in consecration of we have just received. In all his- among those present to-day are many ores or metals, when brought in by

"They say 'love makes the world go Chicago Journal.

"Yes," said his bride-to-be.

## NOYEL PHASE OF COLCR QUESTION

# sented being Tagged

den station, Baltimore, to go to An- after crop is up.

logize for keeping the seat; but I am be what it may. so infernally angry that I cannot be As muriate of potash and cottonseed tarried a sufficient length of time to overcome in a mammoth enterprise of

with some hesitation.

was the answer.

Directly above him tacked to the which was the word "White" in let- ary open yard manure is used on the sepias, of the many varieties of oak, ters three inches tall. I was about to corn and wheat crops in a five-year ro- to the darkest of brown tints of the

explain, when he burst out:

other great commander save men partly or wholly of German blood miners or mining companies for the manure more cheaply than with was so intolerably cold, however, that The Applicant-Don't I, though? I found that this is not the case, but superlative extent. So much has been keep company with your typewriter .- that with the spreader we distribute said and written about the fair that

> Woman of the House-You're not one of these labor agitators, are you?

#### "But I don't see how love is going Goodman Gonrong (with his mouth en years' war will do; each nation has its peculiar diffi- to make my salary go round."-Phil- full of pie)-No, ma'am. I'm a rest agitator.-Chicago Tribune.

AGRICULTURAL TALK

greatly, the ashes of hard wood besoft wood, and all of them vary to fair to become a very potent factor in some extent with the manner in which | they are burned, whether in fireplaces, in grates, or in the open air. The subject has not been very fully investigathe lessons taught but we are identical with none of ted, but so far as investigations have resolution, his in- them, and are developing a separate been made they show that the ashes of purpose, his far- national stock as we have already de- of beech and hard maple, and to these lofty possibilities, veloped a separate national life. We we presume might be added oak and ing, unyielding deter- have in our veins the blood of the En- hickory, have a value of about 50 cents lowing the path he had glishman and the Irishman, the Ger- per hundred pounds, or \$10 per ton, eminently fitting man and the Frenchman, the Scotch- computed on the current price of the of this iron soldier, man and the Dutchman, the Scandina- potash and phosphoric acid which they

Big Yie'eer source in case of failure.-Exchange.

## Question of Soll

pect of consumers for agriculture. The what this new discovery might be. It the agriculture of the future. That farmers are capable of directing such vital forces as this as well and successfully as they would guide the plow handles has been of inestimable value in turning the attention of the public towards the farm.-Exchange.

## Foreign Grain Trade

One of the most surprising occurrences in the history of the foreign known that, next to California, New creased, sparks of molten metal appear, barges, costs for wages, fuel, supplies. grain trade has been the heavy de- York is the greatest grape growing and shortly, under the intense heat, interest and depreciation about 50 per crease in supplies from the United State in the Union, and so far as 2,800 to 3,000 degrees, and the increased cent. of the cost of the barges. This States since the 1903 harvest and the quality is concerned, it is claimed that force of the blast, a wonderful and brings the cost per ton up to 37 cents additional fact that this harvest pro- the Eastern products is superior, brilliant pyrotechnic display is given. If to 40 cents. If we add the expense of pint of achievement a more or less distant kinship by It is the large yields that give the duced no serious results in the world's Quantities of wine are annually pro- you can imagine a huge willow tree, second handling inclidental to this spethey are displayed blood; and to each strain of blood we most profit, and it is the specialty far- markets. England is the largest im- duced in California and much of it with trunk of flame, and forks and cial service, we have a cost per ton of not mere'y to the na- ewe some peculiar quality in our na- mer who gets them. When a farmer porter of breadstuffs in the world, and is of high grade, but in the trade as a limbs, and drooping twigs of minute 10 cents more at the minimum. All he sprang, but to all tional life or national cher eter. As gives his entire attention to the pro- the United States has been for years rule, the California product is regardof showing, and there- such is the case it is natural that we fuction of a single crop, whether it be her chief source of supply, sending ed as cheaper and less meritorious— to the brilliancy of an electric spark of about 45 to 50 cents per ton. This is a appreciating the virile should have a peculiar feeling of near- grain, fruit, cattle or poultry, he is over half the wheat and three-fourths whether this be due to lack of capital molten metal, changing in form every direct charge against all tonnage handbetter prepared to and does give bet- of the flour for the British people or to impatience to put the wine on the those dread strugg'es the water. We most earnestly wish ter care and more thought to this spectual blast is supposed to burn and force out and ship connections. those dread strugget the water. The water the ship for each, but so far as we can double the yield of a crop of grain or up to the present date this season his the output of the two States can be steel, being heavier, remains in the furfruit, and the resultant benefits of decline has taken an additional mo- gained from the statistics as to quantity nace. It is then put into another furmuch better quality, bringing the best mentum. We are now sending only and value. New York produces every face and subjected to a similar process, market price to the specialist. There about ten per cent of the total imports. year about 500,000 gallons of wine, and when manganese (and other substances, is one objection to the method of farm- The deficit has been made up by Ar- California some 2,000,000 gallons, and if necessary) is added to give the steel ing. In an adverse year the specialist gentina, British India, Canada and the yet the value of the Eastern output tensile strength and also stiffness. is liable to lose his entire crop, if it Australian-even the latter country, in is \$3,000,000, while that of California, should happen to be grain or fruit. spite of its remoteness, having sent with a quantity four times as great, metal is ready, are lifted bodily by im-But two unfavorable years rarely more than ourselves. It predicted that is only \$5,000,000. come in succession, and the wise far- the supplies from Russia will this year mer always has some other crop as re- exceed those from the United States .-Exchange.

## A Balanced Fertilizer

obtained from city stables, and stable manure, let it be never so good, it is not a proper balanced fertilizer for vegetables and cannot bring best results. A good general fertilizer for all garden vegetables would be: Story of Scenes and Incidents called "jacketing." After the steel cools the "jackets" are removed. This is Acid phosphate.....150 to 225 pounds

Sulphate of potash....250 to 375 pounds (Julius Chambers in Brooklyn Eagle.) Nitrate of Soda......150 to 225 pounds An entirely novel phase of the "color Mix the phosphate and potash and question" was presented to me on Sat- apply previous to planting; apply the urday. I entered the train at the Cam- nitrate beside and around the plants

napolis. As on most Southarn roads, If the grounds is well supplied with the car was divided into two sections humus above amounts may be doubled labelied "White" and "Colored". The or troubled with manifest advantage. train which consisted of two cars, was In all cases, we most decidedly precrowded. I could find only one seat, fer to apply broadcast and by thorand in it was an elderly man, with a ough preparation, thoroughly incorpolarge grip sack at his side. I asked rate the fertilizer with the soil. This him if I might share the seat, and he done, when drouth sets in whenever

"What has annoyed you?" I asked the following mixture: Acid phosphate ......700 pounds

"Enough to make any man mad!" Nitrate of Soda ...........300 pounds Cotton-seed meal............750 pounds "A cabman, perhaps?" I suggested. Muriate of Potash.......250 pounds "Not on your life. I took a car; but Mix for one ton and apply from 1.000 do you see this big sign over my head?" to 2,000 pounds per acre. For potatoes, them beautiful earlier in the season, He wouldn't even dare to turn his leave out 150 pounds nitrate of soda eyes upward, and he knew nothing and add 150 pounds more of the mu-

#### Application of Stable Manure

"Yes, I know what it says! It seems timothy, the manure being applied to ory intermingled with the scarlets of to be necessary down here to be label- one plot at the rate of eight tons to the maple, the gray moss covering the led 'white.' I resent it sir. Now I sup- the acre for each application, or six- rocks and ledges, interspersed here pose you are a Southern man. I want teen tons in five years, and to another and there and everywhere with broad to say to you that I am 72 years old, plot in half that quantity. This test patches of beautiful pine green, presand a Democrat who never split a has been running for nine years, and ent a thousand scenes worthy the during the past year was four times the ticket. But, sir, I do not stand for the result is that the larger applica- brush of the finest landscape painter. anything like this, and if it wern't for tion has brought increase of crop to I heartily commend this route to south. Birmingham has more than 75,the fact that I am going to Annapolis the value of \$1.35 for each ton of man- young gentlemen who are traveling 000 wage earners employed in mines and to see my grandson, who is in the ure, and the smaller one at the rate with their sweethearts, not only on manufacturing concerns, who receive white man doesn't have to be tagged! where manure is scarce or expensive nice, dark (very dark) tunnels bewho came to aid "A visitor to England would never im. We mayn't have so many Democrats it is better economy to spread it over tween Knoxville and Lexington, each street willies of much impressed with this entirely new means. We were accustomed to hand- sition grounds. We made the trip ling large quantities of manure, and around the grounds first, and then believed that with a gang of five men visited the varied industries and WHY IT IS EXPENSIVE The Boss-I'm afraid you are not and two or three teams we could move strolled up the Pike. The weather the manure more uniformaly, and at I am sure nothing I can say will be least quite as cheaply as can be done of interest to you. Monday afternoon in the old way. One of the advantages we were assigned quarters for our

## The Vineyard

It is a curious fact that a seedling Our convention met at 11 a .m. The freight. grape is seldom of the same type as mayor in a nice speech tendered us a New York, on the other hand, is a from which it is grown. A dozen seeds After the reply to the address of wer- changes very largely, especially on from the same grape, if planted, will come and a speech from the Presi- west-bound freight. The ships carry probably produce as many different dent of the Association the convention freight at berth rates instead of in carlikely, all of them will be worthless, either for eating or wine making. Viticulturists declare that if they get one valuable type from a thousand seed-

This is the time of the year when mouth of the furnace, gradually getting to 1,000. hundreds of tons of grapes are being less in quantity and lighter in color un- We find the mere cost of barge serpressed into wine throughout the til the smoke disappears and a bright vice is about 25 cents per ton. By a country. It is a fact not generally flame shoots up. As the heat is in- fair estimate, the power to move these

#### The Dairy Making Butter at Home

(Continued on Page Ten.)

## knowledge, many market gardners limit themselves exclusively to manure characters from city stables, and stable Rambling by Rail From Raleigh to Birmingham

Along the Way-Glimpse at the St. Louis Show-The Beauties of the Landscape Viewed From Pullman Windows

Birmingham, Ala., Nov. 18. spect that prosperous town.

leys between the numerous hills having the appearance of having been well cultivated, but shorn of its green vegetation which must have made seen such an exhibition of color. Evtation of corn, oats, wheat, clover and gums. The bright yellows of the hick-

to recover her-poise." It was dark when we reached Lex-

These second furnaces, when the heated mense moving cranes and the molten

done by hydraulic power, and takes an immense force. The force is applied to the jacket or mould, on the outside, to pull it off, and at the same time pressure is applied to the end of the steel to push it out of the mould. This mass of steel is called an ingot, and is taken to the heating oven, where it is heated to the proper degree for being rolled into rails. This process is most interesting but must be seen to be understood. The superintendent tells me that no finer steel rails are made in the world than are sent out from these To the Editor: Our little party left works. It requires 3,000 coke ovens to the application was heaviest there the Raleigh on the 10th. Our route was supply the coke for the steel furnaces. 'Certainly you may; and I must apo- crop will be the greenest, let the crop over the Southern via Asheville, N. C., He told me many things of interest, il-Knoxville, Tenn., at which place we lustrating the difficulties to be met and meal are prepared by some, we sojourn stroll about and to some extent in- this sort, but I can not devote too much time to this one branch. We passed a The country between Knoxville and very pleasant and interesting afternoon Lexington, Ky., is hilly, the little val- at the plant. Wednesday morning the ladies of our party, with as many gentlemen as chose to go, were taken over the city by the various trolley lines. The trip was much enjoyed. There are many fine residences and some fine This was made up, however, by the streets. In the afternoon a reception by autumnal tints of the forests on the the "Country Club" from 3 to 7 gave hillsides. Nowhere, except in the all an opportunity to meet many of the famed White Mountain section, have I ladies and gentlemen of the city and to enjoy a spread of good things to eat

> Birmingham has had a phenomenal growth and deserves mention as the "Iron City" of the south. Some of the statistics given by the mayor in his welcoming speech are fabulous almost, to-wit: The coal and iron tonnage of the "Birmingham district" is equal to the entire wheat crop of the west, and tonnage of the entire cotton crep of the for a pay roll for a town really but a ual deposits in one bank alone are six interesting facts were given. I give the above because they are so surprising to me. There are other lines of manufactories quite as important and more what can be done in the south. We Will write you again from Houston or

> > D. H. A.

the spreader. To our surprise, we we did not "enjoy ourselves" to any Peculiar Conditions About

New York Harbor (From the Wall Street Journal.)

The New York port and its facilities of the manure spreader is that it is trip to Mexico. Through the kindness differ from those of almost any other always ready for work, and thus man- and friendship of Mr. Kirkpatrick, the port on the Atlantic or Gulf coast. At ure will often be gotten out at the madame and I were assigned a state other ports the physical facilities are proper time, whereas it would be neg- room, so we shall make the journey such as to make the transfer from boat under very favorable circumstances, to rail at the least cost. The railroads to haul it. Everything considered, the Assembled at our train we met many either own or are directly connected old and valued friends whose cordial with shipping docks where transfers Charles E. Thorne, Ohio Experiment greetings warmed our hearts and are made directly. The freight passes made us feel that life is worth living. through very largely in unbroken con-Left St. Louis at 5 p. m., reaching signments on through bills of lading, so this busy town at 8:30 Tuesday morn- that the functions of the port are little

the grape which produces the seed welcome and the freedom of the city. break bulk port, where ownership kinds of fruit, ranging all the way adjourned, with notice that at 3 p. m. go lots at cargo rates. Their tonnage from white to deep purple. More than cars would be in waiting to take us to is of a more diverse character, and the Ensley, to visit the steel furnaces and freight is assembled from different railrolling mills, where we saw the pro- roads and from many points to the cess of converting iron into steel and ship's side. There is not direct connecrolling the steel into rails. The pro- tion from the rail to the ship. This avecess is most interesting and im- tem of assemblage is very expensive. lings ther are quite satisfied. When a pressive. The iron is put into requiring an immense fleet of harbor good type is developed it is propagated large mortar shaped furnace craft. These craft are barges having by cuttings, which always remain true swung on a trunnion exactly like a mil- an average capacity of 250 tons. The to the parent type. It was by taking tary or gun mortar. The coke, dolomite largest is that of the New York Central, advantage of this fact that the pres- and such other necessary ingredients which, in the case of a few of its boats, ent great varieties of the American are added, which being ignited, is sub- reaches a capacity of 600 tons. These grapes have been developed .- Ex- jected to a powerful blast. At first barges are propelled by tugs. The hardense black smoke rolls out of the bor fleet of barges, perhaps, number 800

> instant, you have some idea of the spec- led through New York harbor which tacle presented. This great heat and has no offset at ports having direct rail

Elderly Party-Don't you think automobiling a poor for mof exercise for

Miss Quickstep-I don't know. Itit seems to be good for the arms .-Chicago Tribune.

Dr. Jaques Bertillon, the famous mass is drawn off from the bottom into chief of the statistical bureau of Paris, moulds. These moulds are made of has written a volume entitled "Alcosome sort of fire proof clay, are about holism and the Way to Fight It." four feet high and 12 or 14 inches square Drink, he declares, is likely to prove The Illinois State Buttermakers' As- on the inside-open at both ends. They the ruin of the French race, unless The question of soil inocculation has We have this much to say about pot- sociation, organized by farmers' wives stand on end on cars having heat proof something is done to overcome the floors (small platform cars). This is habit.