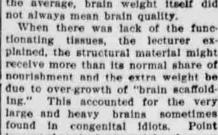


MUSICAL HORN QUITE NOVEL

Man Has Music Roll on It and Plays Automatically.

way of a musical instrument has been receive more than its normal share of designed by a New York man. He nourishment and the extra weight be concluded that if there were automat- | due to over-growth of "brain scaffoldto planos and organs, there might as ing." This accounted for the very well be an automatic horn. So he large and heavy brains sometimes took a horn with the general shape found in congenital idiots. Point of a cornet and set a series of trans-



long civilized surpassed that of aborgines, the lecturer stated that whereas the ordinary European hospital patient had a heavier brain than a savage, the Chinese coolie laborer's brain, developed by centuries of use. weighed one and one-half ounces more than that of the European hospital pa-

Referring to the relative brain weights of Caucasian men and women, Professor Mott said that the female brain had a good start, weighing nearly one and one-half ounces more than the male brain at birth. In adult life, however, the average man's brain weighed about five and one-half ounces more than the woman's.

The average weight of the European male brain was 2 pounds 15 ounces 9 drams to 2 pounds 16 ounces 9 drams, and of the female brain 2 pounds 10 ounces 11 drams to 2 pounds 10 ounces 14 drams. Among savages there was not this difference, since, in the struggis for existence, the female had to apply her brain as fully as the male, hence it has developed at practically the same rate.

verse pipes along the main pipe. These transverse pipes have valves TRIPOD CARRIED IN POCKET controlled by key arms, just like the

ordinary cornet, but they lead into a Convenient Stand for Photographers music toll with perforations on it. like the usual music roll. This roll is a Very Small Gase. caused to revolve automatically, and

steadily through the horn and what and put up in a case so small as to ever piece is on the roll is reproduced. be conveniently carried in a coat With a good collection of rolls any pocket, is being marketed in France, man can earn the reputation of being says the Popular Mechanics. Each an accomplished cornetist.

Novel Musical Horn.

French Specialist Produces Contriv ance to Improve Hearing-Five Sirens Are Used.

Deaf mutes are seldom absolutely unable to hear any sound, and by measuring their perception and properly cultivating their powers, many of them may be given a useful degree of hearing.

As the voice cannot be varied at will in quality, pitch and intensity, Dr. Marage, the French specialist, has developed a more accurate acoumeter. or measure of audition. Five sirens coupled together give the fundamental vibrations of the five vowels, and this apparatus gives sounds of constant leg co

BRAINS OF SOME GREAT ML Difference Between Savages and

Races Long Civilized Is Given by Prof. Frederick Mott.

Prof. Frederick W. Mott, lecturing before the Royal institution of Great Britain on "The Brain," said that, although in 88 per cent. of the cases in which the brains of great men had been weighed the weight was above Instrument invented by New York the average, brain weight itself did

tionating tissues, the lecturer ex-Something decidedly novel in the plained, the structural material might ing out that the brain weight of a race

tient.

Can Be Folded Up and Placed in

as it turns around the musician blows A tripod which can be taken apart

### INVENTION AS AID TO MUTES



Joe Tinker Ridicules Idea Mathewson is Going Back.

### Chicago Shortstop Enthusiastically Declares That Christy is the Greatest Pitcher in World-Twirler Laude Cub Infielder.

The arch batting enemy of Christy Mathewson saw the finishing slaughter of the Cubs through a crack in the center field fence during the recent memorable series in New York. He had just been ejected from the game.

"Say, Joe," was asked-yes, it was Tinker-"do you think Matty is going back ?"

"Behave!" he said with a laugh. 'What's the idea of that question?" "Everybody's asking it lately," was explained.

"There's your answer now," he replied, pointing to the diamond and the whooping, happy crowd. "Any time a man can pitch nine strikes out of ten thrown balls and retire the side, you can bet your little bank roll that he isn't going back very far. Control like that will win even after his curve has gone."

When Mathewson performed his feat of sending the Cubs to the junkshop in exactly four minutes the crowd gave him a wonderful ovation. There were 15,000 raving baseball bugs running around the town the next morning, and after that little affair at Coogan's Bluff, in which the Cubs bit the dust, it would be unhealthy to discuss with any of them the question of Matty's prowess as a pitcher.

Ames was taken out to substitute a batter, and Matty went in and cut loose. He began by striking out Downs and Miller. The side was out on ten pitched balls, Leach rolling an



Joe Tinker.



The most scrupulous cleanliness is needed for the health and beauty of the feet, and so a daily bath and a comfortable supply of stockings are required. The best results are obtained by putting on a fresh pair of stockings every day, and in case of changed at least twice a day. If the stockings are washed out immediateply. Silk is undoubtetdly the best stocking material for hot weather, this being cooler to the feet than cotton and permitting the shoes to slip on more easily. Gauze cotton is the next best thing in point of softness to the foot, and three pairs of quite fine stock-

ings in this material can be had for one dollar. Lisle, even in the finest qualities, is to a certain degree rasping to the foot, causing often, besides, a most disagreeable burning.

Women in the smart set go to the pedicure for the removal of corns and callouses, but these afflictions can be treated at home and there are special baths for softening the horny places and for resting all the feet. One is made with ordinary washing sodaabout a half cupful to a gallon of water-this being for softening the callouses preparatory to their removal for all of these tools are used. A bath with a pound of sea salt will harden and strengthen the feet. Camphor is and ankles every night with olive oil, will, as the beauty saying is, keep them young. All care lavished upon the feet tends to keep them in good condition, even if the work consists only of a dainty polishing of the toe

ing their nature and shape entirely. foot powder, by the way, is one of the muscles.



simply, in vases, bowls and baskets: place them on the mantels, in front of fireplaces, on the plano and on the porches. I should say that the living room would be the best place for the bride and the guests, as it is doubtless the largest. You do not need place cards unless you seat the guests

at small tables and serve all at once.

I am afraid the little two-year-old will

be too young to assist. When you

wish to reply to the remark men-

tioned, just say, "I am sure the pleas-

ure is mutual; I'm glad I met you,

too.". There are no set phrases for

certain occasions; just be your own

natural self. Perhaps you could place

all the parcels in a flower and rib-

boned tie basket and let the wee

daughter drag it in by white ribbons to

For a Lawn Party.

the bride-elect.



greatest comforts one can have in summer, and there is scarcely a drag store that does not keep several brands of it. A foot powder which can also be used to advantage on perspiring hands, and which is very convenient for gloves, is made after this formula:

Phenic.						 		١.,		grams
Alcohol		*****				 			. 20	grams
Starch										grams
Florenti	ne	orris				 	**		159	grams
Essence	of	viol	at	2.2	22.	 	120	22	2	grams

Dissolve the acid in alcohol; add the violet essence, then the starch and orris root

A special powder for perspiring feet is made of one ounce of alum, two ounces of powdered orris root and five ounces of rice powder. Where the perspiration has an unpleasant odor.

however, a powder with lycopodium is better than any other, and such sorts are kept at all drug stores of any size, this condition being recognized as something of a disease.

After the bath, attend to the corns or callouses at once, trimming the nails only as often as is needed. They profuse perspiration they should be should be cut square across and left a little longer than the flesh. If there are soft corns, several foot baths a ly upon being taken off, six pairs day are needed, also larger shoes, and would make an adequate summer sup- in extreme cases it may be necessary to place b's of absorbent cotton wet with sor healing lotion or salve between the toes. For relief from blisters the excessive pain of corns and other callosities, this simple pomade is highly recommended:

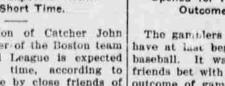
Mix thoroughly and rub the whole foot with it, massaging it well into the skin.

A good bunion lotion is made of two drams each of carbolic acid, glycerin and tincture of lodine.

Flatfoot is a condition much recognized just now, and in severe cases it is as deforming as lemeness. It is not always recognizable at first, only the pain and difficulty in walking being perceptible; but after a while the with a knife or file or pumicestone. the heauty of it is gone. So when arch of the foot breaks down and then feeling a definite pain in the instep it is wise to wear strong-soled shoes with a stiff spring in the instep, as useful for massaging, thus reducing these will counteract the weak tenswelling, while massaging the feet dency of the arch. Inner soles with high arches are also sold for the purpose, while doctors recommended foot exercises for strengthening the muscles of the arch and its supports.

But, to go back to the mere comfort of summer time, the simple things nails. When these are neglected they one may do to have more ease with harden and coarsen, sometimes chang- feet whose only failing, maybe, comes with hot weather, extreme cleanliness Before ministering to tormenting and proper dressing are the things of corns, bunions and callouses the feet vital importance. All exercise upon must always be soaked in a softening the feet, too, will improve their conbath, after which they should be dition and beauty, while the mere heat scrupulously dried at every point— of the hands, while massaging with particularly between the toes—and some unguent or other, will be an imthen powdered. A good and cooling mediate relief to strained and tired

Folding Tripod.



Outfielder Miller in New Berth.

Braves, opens another interesting argument as to which club gets the

"best" of the trade. Recent averages show Titus hitting .272 and Miller

The even up trade of John Titus of the Phillies for Doc Miller of the

outcome of games. Now, we are inments have been opened. Odds are

posted, based on the assumption of certain pitchers working. Bets may be made on the results of games, on the result of the league race, on the number of runs that will be made, or on almost any event of the game. In addition, tipsters have begun to ply their trade, offering to give inside information, sure winners, etc.

stand long under an incubus of this kind, says the Charleston News and Courier. Once let the gambling featare predominate and all belief in the honesty of the games will at once disappear. Any player who makes an error at a critical time will be subjected o the charge that he has been bought. Managers and all others connected officially with the different teams will find themselves in a most unpleasant situation, pending the final ending of the as a national pas

Amongthe

Catcher Stephens of the Browns, is

Pitcher Martin, formerly of the Ath

letics, has been taken over to Balti-

Brooklyn fans are peeved over the

showing Bill Dahlen has made with

Vincent Campbell, formerly an un-

The Pittsburg club has been cut to

There are very few batters, who get

Snodgrass not only plays the initial

bag in good shape, but is also of as-

Del Howard, ex-manager of the Louisville club, now with St. Paul, has

been re-elected Mayor of Kenney, Ill.

By the way he is stealing bases it

doesn't look as if Sam Crawford of

the Tigers is slowing down this year.

away with a bunt toward third base

while Herzog is on the job.

sistance in steadying a pitcher.

certain and clumsy outfielder, has im-

coming star

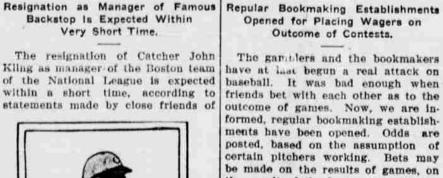
his team this year.

proved marvelously

more.

J. KLING MAY QUIT BOSTONS | BETTING ON NATIONAL GAME Repular Bookmaking Establishments Opened for Placing Wagers on Very Short Time.

Kling as manager of the Boston team of the National League is expected statements made by close friends of

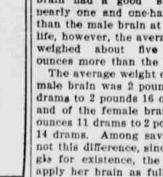


.230 and neither living up to past reputations,

## Outcome of Contests. The gap ders and the bookmakers have at has begun a real attack on baseball. It was bad enough when

formed, regular bookmaking establish-

The great national game cannot



a known intensity changing with the flat case as shown. pressure of the air traversing the machine.

With the ear at a distance of 20 inches, the intensity of sound is raised by increasing the air pressure until the vibrations are perceived. The normal ear hears sound produced unif the pressure must be raised to 60 the sharpness of hearing is put down at 1-60 and so on.

If there is no roaring at 200 millineters the test is continued with a tube from the siren to the ear. The perception varies for the different sounds, and a record is made in five divisions, showing the sensitiveness of the hearing for each of the vowels.

The ear's capacity being known, it is trained by the simple and exact vi. curately shown later by other experibrations of the vowel siren. In suit. ments. able cases hearing develops rapidly. and results are reached in two months that would require several yearswith great exertion and fatigue-to attain by voice teaching.

## FOR EXERCISE WHILE IN BED

Electrical Device of Benefit to Patients Confined to Couch for Any Length of Time.

To benefit patients who are confined in bed for any length of time a device has been invented to exercise



### Taking Exercise in Bed.

the lower limbs, says the Popular Electricity. Motion is imparted to the timbs by the apparatus, which is otor driven, in such a manner as to approach the movements and results obtained by walking.

Remarkable Tuberculin Test. Tuberculin tests on 1.226 children by three Paris physicians have led to the conclusion that tuberculosis (consumption) increases rapidly towards maturity, and that practically every person is at some time infected. recovery being spontaneous without trace of the disease in three persons put of four. The sensitive test gave traces of tuberculosis in but few children of less than one year, while 90 per cent of those over 15 showed the tuberculosis reaction, although the sease could be actually discovered in only a third as many.

#### Softness of Bell Tones.

The softness of the tone of Japahese and Chinese bells is not only the to careful workmanship in their anufacture, but also to the absence of iron clappers. The bells are struck from the outside with wooden mallets.

quality that have a known pitch vary- together, and each part has three teleing with the speed of the motor and scopic members. The parts fit in the

Scientific Discovery. One of the greatest discoveries of science is due to observation of the eclipses of Juditer's moons. It was found that when the earth was in the der a pressure of one millimeter, and part of its orbit nearest Jupiter these eclipses occurred 16 minutes millimeters to make the sound heard, earlier than when it was in the farthermost part: whereas, by all rules of astronomy, they should have occurred at the same time each time.

It was deduced from this that the light was not instantaneous, and consequently took 16 minutes to traverse the diameter of the earth's orbit, a distance of about 200,000,000 miles, thus giving to light a velocity of 186,-

000 miles a second, which was ac-



China's exports have trebled in 20 уевгв.

The Maoris of New Zealand number 42,000 New York's Chinatown has a popu-

lation of 5,000. The bone of an average whale

weighs 45 tons. The Australian gum trees grow to

a height of 415 feet. The giant bees of India build honey combs as high as 18 feet.

The camel carries a burden three

times greater than the horse can. Canada has more than 1.200 newspapers, of which one-tenth are dailies, Berlin firemen wear a jacket filled with water as a protection against

heat. It is said that each year 3,000 foreign waiters find employment in England.

Astronomical observations in China were carried on as far back as 2353

Fire insurance is said to have originated after the great fire of London in 1666.

Two eclipses of the sun and two of the moon are scheduled for the present year.

A great deal of Canadian lumber goes to China, largely for railroad construction.

To supply the needs of Canada's mixed races the Bible is printed in 70 languages.

In a recently built Italian man-ofwar there are special arrangements for a dentist.

In ten years the number of depos itors in the English post office savings bank has totaled 1,000,000.

In the Blue Nile region in Egypt a native laborer can live very comfortably on six to eight cents a day.

The most densely populated of all the countries of the world is Belgium. with 636 inhabitants to the souare

the backstop. These men declare

that Johnny has repeatedly told them of his dissatisfaction with the way he is compelled to run the Braves and has frequently expressed his disgust with what he terms the old-fashioned ideas of John Montgomery Ward, president of the club.

While no verification of this rumor could be obtained from either Kling or President Ward, Boston fans have noticed the frequent absence of Kling's name from Boston box scores during the past few weeks and have wondered what the trouble was. Rariden and Gowdy have donned the big mitt in the majority of contests of late, although Kling is in condition to play his usual game of ball,

Callahan Has Odditles. Manager Callahan, of the White Sox, like all great men, has his oddi-

ties One of them has to do with Shibe Park, the home lot of the Athletics. Jimmy looks upon Connie Mack as the real founder of the American league in Philadelphia.

The Shihes, he says, didn't invest 22 players. Mickey Kellher and Harry their money until it was plain the club Gardner were the last to go. was sure to be a winner. Therefore Jimmy insists on calling the park "Mack Park."

A Philadelphia baseball writer besought Cal for an interview one day last season. Jimmy complied, but imposed a condition that the Athletics park be called "Mack Park" throughout the story. The newspaper man agreed, and for once, at least, Connie got all the credit that Cal thought due

Illuminating Lead.

the "Bluffs." It follows.

play Houston any more."

a month.

Chase Divorce Suit.

hlm.

Joe Wood and Walter Johnson are having a close race to see which can The lead for a recent Houston-Waco win the most games in the American game supplied by Sporting Editor league. Jones of the Waco News, is illuminat-McGraw put every man on his pay

ing, especially to fans in San Antonio, roll into the joke game against Boston, where they are "waiting for the Buffs which the leaders won by a score of to break," and over in Beaumont, 21 to 12. where they call Jawn Henry's team

Despite the poor showing of the Brooklyn Dodgers, Jake Daubert con-Waco almost beat Houston today. tinues to shine in all departments of The only things that kept them from the game.

it were Rose's tightness and the per-It is the opinion of many that Chick fect support given him and some two-Gandil provided the balance necessary baggers and three-baggers by White to make Washington a pennant-conman and Newman and-well, anyway, tending club.

Waco only lacked nine tallies of win-Ed Walsh is fast losing his title of ning. One fan summed it up for the life-saver. Instead of doing the savwhole crowd when he said, 'Let's not ing act himself others have had to be sent to his rescue.

George Stovall seems to have found the secret of putting life into a ball Hal Chase of the Yankees has team. The Browns look like a bunch

brought suit against his pretty young of real ball players now. wife, Nellie H. Chase, for divorce. The George Rohe, the former White Sox couple had a romantic courtship while third baseman and hero of the world's Chase was playing with Jersey City in series of 1906, has been released by the summer of 1907. In her denial of the Mobile Southern league club. the charges made Mrs. Chase says her William O'Rourke, father of Tim husband's salary is \$8,000 a year and O'Rourke, scout for the Boston Na-

she asks \$1,000 counsel fees and \$300 tionals, died recently in Chicago. The dead man formerly played ball with Ted Sullvan and Charles Comiskey

George Rohe Released. on the Dubuque team in the early The release of George Rohe by Mo-'80's.

bile marks for another chapter in the The Danville franchise of the Vir changing fortunes of the hero of the ginia league is to be transferred to world's series of 1906. Rohe, wherever Bluefields, W. Va., provided that city he may go, will long be remembered as will put up a guarantee to finish the the substitute put in for the series season, and thus the Virginia circuit who won it with his hitting. of eight clubs will be maintained.

say one to second. In the next inning Matty struck out Saler, using a total of eight balls to retire the three batters.

"No," added Joe Tinker, as he walked over to the clubhouse, "Matty isn't a dead one yet. If the New York club ever thought so, I wish they would ship him to the Cubs."

Notwithstanding the fact that Tinker has found Matty easier to hit than any pitcher in the league, he enthusiastically declares the big fellow is the greatest pitcher in the world. "Show me a man who has



### Christy Mathewson.

done what he has done in eleven years, and I might take it back," said

Just for fun the writer looked up Mathewson.

"Whom do you consider the great est batter in the world?" was asked of him.

"That's a hard one to answer," he replied. "I have never seen a better natural hitter than Chief Meyers. The hardest man I have ever had to pitch to however, is Joe Tinker." And there you are. Here are two men arch enemies at 4 o'clock and

members of a mutual admiration so clety at 7.

Profit in Baseball Pools.

There must be a tremendous profit in baseball pools. In Philadelphia recently the police arrested three men on the charge of being gamblers and running a pool at the ball game. The evidence showed the men had been taking in \$1,800 daily and paying out

Queries From "a Young Wife." I am very interested in your page and will be thankful to you for an-Will you suggest something enter-

swering my questions. taining for a lawn party for boys and I am going to give a linen shower girls between the ages of twelve and for a girl friend of mine and would fifteen? Our club of seven wishes to like to get a few suggestions on house entertain as many boys. The decoradecoration.

tions are pink and green; flower, pink I have a reception hall, living room, carnation. We have small funds to dining room and music room. How work with, but will be ever so much should I decorate each room, and obliged for any help. Secretary. which will be the best for the bride to be in when she is receiving her I am sure you can arrange a beautigifts? As I expect to have from forty

to fifty guests, I can not seat them ful time. Have the ice cream in pink at the table. Should cards of any and green, with small cakes frosted kind be used when passing the refresh- in the same colors. Give each one a pink carnation to wear. Then have a ments?

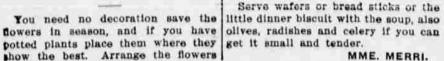
What would be a pretty way in match game of croquet, and if you bringing the gifts to the bride? I have are very good, won't "mother" see to a little girl two years of age, with long golden curls, whom I thought could help in this, or is she too small? If but I have another one which has puz gled me.

When you have been introduced to a friend and when you or they are ready to part and they say, "I am glad I my answers in the paper soon. A Young Wife.

Baby Accessory.

tached by a nickel chain to one arm

of the stand is a small thermometer



#### | depth of coloring as when he or she Infant washstand sets recently im- was shown it in the shop. Shift the ported from Germany and arranged rug's position-1. e., with the pile toapon small sized stands of white enam-

ward the light-and the defect will eled iron similar to those used in hosbe remedied Apropos of Oriental rugs, it may be told that the successful way to clean one is to wash it, a square foot at a

titudes. The six pieces in these sets time, with a soft brush and olive oil include a novel wash basin of oblong soap; then to rinse off the soap, first shape and very unusual depth, and with clear warm water, and then clear this is divided into two equal sized cold, and lastly, to rub it softly until

## Advantage in Flat Brims.

with which to test the heat of the Flat brims have not been readily thrown from their pinnacle of popularity, and women past their first youth gladly accept the discretion of their

The right way to lay down an shelter, for the brim which upturns Oriental rug is the Oriental way, with from the face is too candid. The midthe pile toward the light, because that die way of brim upturned from the helps to bring out the beauty and "bloom" of its coloring. An eastern side should be given the preference, dealer, when he sells a rug, sees that and, by the bye, these have been the buyer shall get the play of light speedily of the elect, and they lend and shade upon the pile. When a themselves either to an outlining of rug comes home the buyer frequently flat wings, or ospray, or a clump of complains that it has not the same flowers.

warm water. Right Way With Rugs. brow to the back of the head at one

pital wards are of glazed surfaced tream-tinted pottery fetchingly decotated with Dutch babies in various atcompartments, one for the cold and it is guite dry with a cloth. the other for the tepid water. At-

# is served with it? A Reader. Serve wafers or bread sticks or the

Soup Course at Dinner. I have the soup course in a "progressive" dinner party. Kindly tell me

having a prize ready for the winners?

met you," what is the correct answer if soup is the only thing included in to give them? I hope you will have this course or if celery, olives or bread

not, how should I have her dressed? door sports are in favor, including Please excuse my many questions, the good old game of archery.

Perhaps you have a tennis court; if so, a game could be arranged. All out-