Was Made That Act- Earns a Salary of \$4,800,000 One a Year. ually Lifted Itself.

CIVIL WAR' AIRSHIP THE CZARS PRIVATE LIFE

the second se

POWER FROM STEAM. HAS 30,000 SERVANIS.

Gen. Benjamin F. Butler Wanted to Know About the Movements of the Eenemy While in Virginia and Ordered the Machine to be Built.

Wellman Serrell tells about an airship Maj. Gen. Benjamin F. Butler, commander of the army of the James, ordered to be built soon after the 10th army corps moved into Virginia

All the commanders desired to know what the enemy was doing, and Mr. Serrell says that "when the astronomer Gen. Mitchell commanded at Port Royal during the Civil War, the matter was discussed with his chief. engineer officer, who brought forward remaineration, high as it is, does not the proposition to make a machine appear excessive. His salary is paid without inflation, and exhibited a tinmodel that wound up with a string and handle and spun like a humming top and would fly into the air 100 feet. or more vertically, according to the force exerted upon it, and would carry a bullet or two if the string was pulled hard enough."

what the tin toy did, Gen Buffer ex-Drawings were made, the theory begine, two below, and two fans to propel and steer, one in front and one bemoved in a horizontal segment, so as to change the direction of the push, and make the rear fan not only a pro-

Across the machine was to be a horizontal shaft, on which on either side of the machine were to be gliding planes and automatic balancing **so as to** maintain an equilibrium

thick cigar. It was to contain fuel and water and a high pressure boiler and engine. From the middle of the chine, and Mr. Serrell says

a fan 18 inches in diameter, rotate it

The Czar as Managing Director of the Vast Russian Empire Receives \$400,000 Every Month by Special Messenger from the Treasury-Has 100 Palaces.

The czar carns a bigger salary than ; any other man in the world, for the public exchequer of his country pays him the sun of \$4 800,000 per annum for acting as managing director of the Russian empire with its area of 8,000, 000 square noises and its population of 130,000,000 persons

But, considering the crushing weight of care and responsibility which he bears on his shoulders his him in monthly installments of \$100,-600 each, which are sent to him by a special messenger from the treasury buildings in the form of a check on the national bank of Russia, just as an office clerk receives his monthly wages, with the difference, however, that the czaris talent and industry. Gen. Mitchell died, and, upon seeing exercise no influence on his payment At the same time, he is expected to pressed the belief that a machine maintain a certain standard of hving could be built to navigate the air , which ne would be inable to do in the style required of him if he did not posing "to imitate the little tin model and sess a private income of three or rour add to its gliding planes. The draw, times as big as his official salary. He ings," according to Mr. Serrell, 'show, is the owner of over low estates al' ed four fans to lift, two above an en- of which supply him with private rev enues, but he is also the possessor of 100 palaces and castles, which have to hind; the rear fan on a shaft that be maintained in imperial style at a great expense to their owner

He has more servants than any one else in the world for a veritable army peller, but a rudder at the same time | of over 30,000 domestics, cooks, pages butters grooms gardeners and so forth is employed on his hundred or more estates. He possesses over 40 residences which he has never seen, balls. These were to slide in and out a score of homes which he has viewed externally but never inhabited, even The body of the machine was to be for one night, and another score in about 52 feet long and shaped like a each of which he has slept on only one occasion

His private stables contain over 5, 000 horses belonging to him, and the body a weight was to be hung so ar herds of cattle feeding on his own ranged that it might be lifted or low. | lands are estimated to number over ered like the legs of a bird Private 50 000 head. His wealth is enormous subscribers offered to pay for the major there is no doubt that he extracts very little pleasure out of his life of

The first thing done was to make perpetual tob and worry, He habitually rises at 6, and eats a at different speeds and see how much characteristically English breakfast of it would lift. It was found that very ham and egg- bread and butter with considerable weight could be lifted, marmalade specially and privately and to try what could be done on a prepared for him and tea. This pre-large scale, a fan about 32 feet in dia dilection for English mannets and cus

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THE CATHOLIC JOURNAL, ROCHESTER, N. Y

EATING POWER OF TOADS. (doughty Colonel has excelled himself) SIMPLE LIFE IN ICELAND. How He Paid His Fine. in his latest acquisition and, if one Senator Dubois of Idaho was prac toms is common to both the czar and I Makes Little Discrimination. If His desires to see such a bizarre thing

meter was made, the blades of the thinnest sheet iron that could be procured, and rotation by belt was provided.

Contrary to expectation, when the fan was first rotated at great speed in a foundry that had a high roof, the lish methods weight that could be lifted was much more than the wheel itself, some 600 **pounds or** more, and then within 40 beconds of time the wheel and the weights would drop back to where fast the fan was driven.

It was found after a long investigation that the fan wheel of any size. when rotated in one place, set up a downward current of air that soon benothing.

When, however, the fan was mounted at the outer end of a long boom. which revolved around a mast, so as proportioning the machine.

The questions involved seemed to be the size of the fan, the shape of the blade, the power required, the weight of the engine, boiler, fuel and water to develop the power. There were no dynamos or storage batteries. liquid air engines or sources of powerful energy using light-weight machipes, and the only prime motor sufficloutly reliable was the steam engine. It is true that carbonic acid had been liquefied some years before then. but no one knew how to harness it. Having determined the probable force wanted, the question remained of how to get and maintain pressure enough upon the piston of the engine. A great many experiments were made, but the "needful force of steam was not reached before the coming of Apmomatox."---Science.

To Make a Compass of Your Watch. Get the number of hours from midnight, divide by two and point the hour at the sun so that the shadow of a match or lead pencil falls directly meross the center of the watch; 12 o'clock will be north, 6 south, 9 west and 3 east. Suppose it is 9 a.m.; number of hours from midnight is 9; one-half is 4 1-2; point 4.30 at the sun so the shadow of a match or lead mencil falls across the center of watch, and 12 is north, 6 south, 3 east and 9 west. Suppose it is 6 p. m.:

number of hours from midnight 18; one-half 9; point 9 at sun and 12 is north, 6 south, 3 east and 9 west. Also, when the sun is hidden on a

cloudy day, take a lead pencil or stick that is well sharpened and place it in the thumb nail. By looking closely you will see a faint shadow, which will give you a very good idea of the direction of the sun and may be useful to one lost on a cloudy day .--- Forest and Stream.

To manufacture tobacco grown in Canada a factory is about to be open-Minniper,

the czarina for both like English fare best, prefer using English to their

agreed upon the necessity of educat-

Immediately after breakfast the czar begins to smoke some of the heaviest brands of Havana cigars, which he continues to puff almost continuously till bedtime, notwithstand they started from, it mattered not how ing the fact that his do ors have warned him again and , ain that excessive indulgence in this habit is ex-

posing him to the worst dangers of nicotine poisoning By 7 o'clock in the morning he is at his desk, peruscame nearly or quite as fast as the ing an enormous heap of state docu pitch of the fan, hence it would lift ments sent to the palace for his inspection.

he is called upon to deal is astonishing, for he is not merely the emperor. to constantly bring the fan into new but also the father of his people. No It and bore a certain ratio to the veloc- of any kind can be dispatched from ity, and data were accumulated for any ministry or state office in St. Petersburg to local or subordinate au-

approval.

the ministry of war to the representation loose behind. It is coated with a glu- museum, and as an evidence of good tive officers commanding several hun-tinous secretion, and when it strikes | faith one of the kitten was brought ed of myrtle branches in Germany; it dred garrisons throughout the Rus- an object is fastened firmly to it and along with the little coons to complete the captains of Russian warships all the object. like a big worm, for in- Portland Oregonian. over the world and every circular is stance, is too large to go unassisted sued by the ministry of the interior to into his gullet, he uses his forepaws, the police and to all varieties of local like a greedy child, to stuff it down. authorities have to bear the czar's Most of the viands which the toad own signature.- Success.

No "Swear Words."

language.

one to get angry. "What's the use?" about things we cannot help."

The Cholera Epidemic.

Paris, 66; Berlin, 83; Naples, 89; St. and makes itself a common nuisance tinople, 738.

Perfume a Protection.

themselves with lavender. There is, tricks is to station himself at the enit is said, to be no record of a lion trance to a hive and capture the beever having attacked a trainer who lated home comers. As the toad does had taken the precaution of using this not spring into the air for his food, perfume.

The title-hunting heiress is never the ground. satisfied until she purchases a gold brick.

A. W. Payne of Bangor, Me., is credited with being the oldest prac- weird and wonderful exhibits at the ticing attorney in the United States. city museum, in Portland, Ore. The

as a pussy cat mothering a litter of

Prey is Alive. The toad is a gross feeder. He sal- young raccoons he may be gratified respective mother tongues and are lies forth usually after sundown in at the city half. All previous happy country, Each home is a factory and search of his prey, which includes family records have been broken by every member of the family a hand. Idaho courts, the judge called upon ing their children according to Eng. pretty nearly every variety of insect an old mother cat rejoicing in a famand worm, and experiment proves ily of two baby coons and her own The long stockings worn over these that in 24 hours he will consume in-proper kitten which Col Hawkins se- in wading through the snow are sect food of a volume fourfold the ca- cured at Beaverton and has now com- knitted by the women and children. Alter the judges departure from the pacity of his stomach -- in other words, fortably installed at the museum. he can fill up four times. Of angle A few days ago some boys killed a comes smooth and perfect from the could come up. Mr Dubois exhibited worms he does not seem very fond, female raccoon near Beaverton, and hand loom found in every house though his gluttonous habit extends upon beating the bush discovered her to them if they are too temptingly nest with four little ones in it clamorabundant, as after the earth has had ing for their mother. The baby coons a good wetting. Ants appear to be were taken to the home of Mrs B L. world. There is not a drop of liquor his chief delight, with cutworms and Griffitts, near by, where a cat was thousand-leggers next in order. Then rearing a family of four kittens. The come caterphars and bettles. Grass-1kittens were given to another feline. hoppers and crickets furnish but a in which the maternal instinct was jail nor any place of incarceration

small part of his bill of fare, and spid-strong, and the little coons substitut-The variety of subjects with which ers still less. He has no use, appar-ied without protest from the mother. court in which a high crime could be ently, for dead prey; but when an in- In a short time two of the little wild tried. sect or worm comes near him in mo- kittens died, but the other pair thrived ! tion he makes for it eagerly. A cut- in their new environment, and the air. Ats lifting capacity never descrited order or instruction or communication worm which has discretion enough, story of the cat with the coon family pense of keeping up a court. When when in his neighborhood, to keep became something of a sensation in a criminal trial becomes necessary fall, the Bishop of Alaska told the curled up may easily escape; but as the neighborhood. Col. Hawkins heard of it and made

soon as it begins to crawl, let it bethorities unless it hears the signature ware. His method of capturing a bug of the czar, indicating his assent and is to dart out his tongue, which, by for the purpose of bringing the won-

the way, reverses the usual order of der to Portland. Mrs. Griffitts finally Every communication sent from nature in being fastened in front and consented to lend the family to the simply marvelous, more especially to those most closely associated with loves are, in their living state, pests him from day to day. In the midst of the farm and garden. It is hard to of absorbinng thought, and with apsay just where to place ants in this parently unobservant manner, his It is said that not a single "swear classification. Nearly all students of word" is to be found in the Japanese | nature, as well as persons who have nothing but the traditions of their That means that the Japs have no childhood to guide their judgment, need for such words. And no wonder! have acquired a certain affection for For they think it is very silly for any the ant. Its seeming intelligence, its artistic or mechanical instruct, its unthey say. "There's no use kicking tiring industry, its courage, its care for its dead and wounded, its nice domestic economy and its habit of providing against the "rainy day," all tend to In the cholers visitation in 1866, the give it a sort of human claim upon proportion of deaths to each 10,000 in- us. Still, the fact cannot be ignored discover strategic points. habitants in the various cities of Eu- that the ant is an active distributor of rope were as follows: London, 18; plant lice, that it detsroys lawns, card that had fallen, whence it came Dublin, 41; Vienna, 51; Marseilles, 64; spoils garden walks, infests dwellings

Petersburg, 98; Madrid, 104; Brus- in the kitchen and pantry, driving the sels, 184; Palermo, 187, and Constan- dainty housewife almost to distraction. In the same category with ants, as to human regard, might be placed honey bees, which the toad will eat when Lion tamers frequently perfume he gets a good chance. One of his

however, any aspirant may avoid this danger by raising his hives well above

Cat Adopted Orphan Coons. Col. L. L. Hawkins yesterday se cured a new prize for his collection of Liquor Manufactured, No Jafls and Only One Policeman.

There are no manufactories in the Shoes are made from goat skins. and even the beautiful broadcloth This simple life is conducive to a

state of high morals, higher probably than in any other part of the manufactured on the island, and for the 78,000 population there is but one policeman. There is neither a for criminals; nor yet is there a

The percentage of crime is so small that it does not warrant the exthe offender is taken to Denmark to answer to the law for his misdeeds. The women are among the most the twenty-mile drive out and back advanced in the word.

> Bridal Wreaths of the Nations. The bridal wreath is usually formis made of orange blossoms in France French Canto is of Switzerland it is of white roses; in Spain the flowers of which it is composed are red roses and pinks; in the islands of Greece vine leaves serve the purpose, and in Bohemia rosemary is employed; in German Switzerland a crown of artifical flowers take the place of the wreath.---Exchange.

> > Solomon's Children.

A curious, and for many centuries strangely isolated human relic of the past, a tribe inhabiting the islands of Lake Zuai, in Abyssinia, which claims to be composed of descendants of King Solomon, has been visited by M. H. le Roux, the wellcompleted the players. With Gen. known French traveler. The tribe now amounts to about 4,000; the amazing to discover Grant's ability to language is a mixture of Abyssinian and Tigrean. He never failed to remember every

Facts About the Eye.

and who was to deliver to him all re-The eye of a young child is as maining, which he scooped in as a transparent as water; that of the youth a littl less so; in the man of 30 the eye begins to be slightly game. He was indeed an enigmatic opaque; in the man of 50 or 60 it is composition in this as well as in other decidedly opaque, and in the man of 70 or 80 it is dull and lusterless. This gradual development of opacity is due to the increase of fibrous tissue and deposit of waste matter in the eye.

He Won the Race.

After the battle of the Boyne King became impatient, and kicked up a James escaped to Dublin and informed Lady Tyrconnel that her fellow exclaimed a gentleman in the pit, an countrymen had run away. "If they grily. "You are mistaken!" cried a have, sire," she replied, "your majesvoice from the gallery; "this is the ty seems to have won the race."

ticing once in Boise City, and, becoming too vehement, was fined \$50 for contempt of court. The next day, according to a custom followed in the Mr. Dubois to occupy the bench for him during the transaction of some comparatively unimportant business. court room, and before anything alse an instance of that remarkable presence of mind for which he has never been noted. The future senator said to the clerk of the court "Turning to the records of this court for yesterday, Mr. Clerk you will observe recorded a fine of \$50 against one Frederick T Dubois You will kindly make a note to the effect that such a fine has been remitted by order of the court"

Where Everything is Canned. At the session of the House of Bishops which was held at Boston last following story:

The difficulty in obtaining and transporting fresh food in Alaska has resulted in an excessive use of canned goods. In fact, the natives consider Americans and canned goods as inseparable. Recently some one sent a phonograph to the Bishop. It was the first one is Alaska, and was made the drawing card at a meeting held in Sitka. The natives were much interested, and gathered about to hear the first piece which was the Lord's Praver.

After it was concluded there was a moment's impressive silence, and then one of the Indian chiefs, pointing to the phonograph, said:

"Him canned missionary?"

Call It Quits.

"Mabel," said Archibald, "now that we are engaged, we should have no secrets from each other, should we dear?"

"No," said Mabel, after she had assured herself that her mother was not listening in the next room. "Well, then," he said, "do please

tell me just how old you are." "With pleasure," said Mabel. "But

first, Archibald, please tell me just how much you get a week." Archibald pondered. His mind ran

ahead into the future.

"Forgive me, Mabel," he responded. "it was none of my business to ask."----Illustrated Bits.

Weeping at the Ice House.

An attendant at Mount Vernon not long since, found a lady weeping most bitterly and audibly with her handkerchief at her eyes. He stepped up to her and said:

"Are you in any trouble, madam?" "No. sir," she sobbed. "I saw you weeping,"

"Ah!" said she, "how can one help weeping at the grave of the Father of His Country?'

"Oh! indeed, madam," said he. "that's it! The tomb is over yonder. This is the ice house."--Indianapolis Journal.

matter of course, although he never seemed in the least absorbed in the respects .-- National Magazine. If wishes were mules beggars might have more kicks coming. A voice From the Hay Lon. At a provincial theatre the spectators were kept waiting a long time

for the play to begin. The "gods" terrible row. "Be quiet, you beasts!" hay loft; the stable is down there."

ear and eye seemed to hear and notice everything, and two weeks or ish army, between Baltimore and Fortress Monroe. Two staff officers

months later the slightest details had not escaped his attention or memory. This power was unmistakably demonstrated in a game of whist with his guest, Maj. Gen. Doyle, of the Brit-

Grant's Marvelous Memory.

Gen. Grant's retentive memory was

Dovle at his right, it was simply



and the second second in the second sec