

world of England. The high priest of the lords of the admiralty. members of the house of peers and of have in turn visited the workshop, where this 10th wonder of the world is on exhibition, and they amazed at his "flying train." They have marveled, too, United States, the motherland of the ingenious, has let this uncanny product of the scientific imagination leave its

The levitated rallroad is declared the latest word in transportation. A train traveling 300 miles an hour! That rate should satisfy the most rabid of speed maniacs; from New York to Chicago

Your business man could take an early train, do a good day's work in the Windy City and get home in time for dinner with his family in New

Congressmen from Manhattan would be able to commute over to Washington on a train that would take about three-quarters of an hour to make the

In England the principal difficulty will be keeping the trains from running off the island when they are once started.

has convinced even the skeptical that we are arrived at the period of the 20th century which corresponds to the displaced the coach horse.

His invention overcomes that bugbear of the railroad engineer-friction. analogy to an aeroplane or an sirship. Although to the unscientific eye the built, with gray hair and moustache, best for levitating purposes. train seems to be resting on air, there is in fact an electric wave cushion ing, he is the type of hundreds of other between the leviators and the track, and this supports the car in space. day in those little cafes in And while so supported it is dragged quarter of New York City. forward by another electrical current

But to arrive at a clearer compreis a miracle to float 40 pounds of steel. his series of illuminating demonstra- a current of repulsion.

curtained off in green baise in a set-reveals the principle of the levitated ting that is peculiarly suited to the train. manifestation of a mystery. When you

is used to control the lights of a the-

in a vaudeville act. Of these, more work.

The "wizard" of the revolutionary nomenon and gray-blue eyes, mild, yet penetratexpatriated Frenchmen to be seen any day in those little cafes in the French

As we enter he is testing the strength in much the same fashion as a trolley of the electric current tapped from a local wire and passed through the transforming box, a black square conhension of this miracle-for surely it trivance packed with copper spools and magnets, and alive with sparks. In this the weight of the present model car, secret box the magnetic electric wave in the air-follow the inventor through is caught and divided and changed into

While watching the experiments The current is now switched into one that give an insight into the basic of the cylinder surmounted posts in the idea of the "flying train," you cannot center of the room. On the top of the get rid of the impression that you are spool rests a disk of aluminum, eight assisting at a private exhibition of inches across and an inch thick. Sudextraordinary conjuring. The whole denly, as though moved by some invisiexceeds the most astounding feats of the top of the cylinder. Now it is raised force which permeates the glass of the 40 pounds, fastened to an aluminum number of questions will have to be exceeds the most astounding feats of the top of the cylinder. Now it is raised force which permeates the glass of the 40 pounds, fastened to an aluminum number of questions will have to be exceeds the most astounding feats of the top of the cylinder. Now it is raised force which permeates the glass of the 40 pounds, fastened to an aluminum number of questions will have to be exceeds the most astounding feats of the top of the cylinder. Now it is raised force which permeates the glass of the 40 pounds, fastened to an aluminum number of questions will have to be exceeds the most astounding feats of the top of the cylinder. Now it is raised force which permeates the glass of the 40 pounds, fastened to an aluminum number of questions will have to be exceeds the most astounding feats of the top of the cylinder. Now it is raised force which permeates the glass of the 40 pounds, fastened to an aluminum number of questions will have to be exceeded to the cylinder. Now it is raised force which permeates the glass of the 40 pounds, fastened to an aluminum number of questions will have to be exceeded to the cylinder. performance is "magic" of a kind that ble agency, the disk begins to dance on Now it drops back with a metallic clat-The top flood of an old warehouse is ter as the current is shut off. This test their electrified state.

Every one is familiar with magnetic pass the curtain your eye is first attraction. Reverse that principle and caught by what looks like the model you understand the lifting of the alumof a section of the elevated railway inum disk. It is what might be called to of New York. But on the tracks, in- magnetic repulsion. This is a paradox of cars, there rests twhat might be ployed. When the repellant current is weighing machines, already referred to, net solonoids or arches which span the it may be therefore worth while to pay the aluminum frame of the model of turned into the spools, try as you like are used to show this. you cannot press the aluminum plate At one end of the room a girl, of down upon it. What feels like a cushion typical American prettiness, sits be- of compressed air seems to resist your dial of the separate machines. The the arches.

MORRE

Sir Hiram Maxim Trying to Press Down Car Which

is Suspended in Air

The "flying train" does not travel on principle of locomotion has about his Bachelet. After exhaustive experiments are brought into play. Beneath each lifting of the car in the air and deit rolls along is a perfect illustration when she says: Tell the truth about principle of locomotion has about his Bachelet. After exhaustive experiments are brought into play. Beneath each lifting of the car in the air and deit rolls along is a perfect illustration when she says: Tell the truth about principle of locomotion has about his Bachelet. After exhaustive experiments are brought into play. I will be an allowed to differ stroying friction and its retarding inof a lie that adds to itself with various metals he found that bell—all of them are tuned to differstroying friction and its retarding inof a lie that adds to itself with various metals he found that bell—all of them are tuned to differstroying friction and its retarding inof a lie that adds to itself with various metals he About 55 years old stockly aluminum as pure as possible was the ent keys—is an open glass tube hold- fluences. With no current in the telling. If 'twere as easy to get out never again tell a lie, no matter how

> steel disk on the spool, turns on the girl at the switchboard gave a few action is truly marvelous. The heavy current and the piece of metal cannot bars from "You Made Me Love You." tube is placed on the track at one and be pried from its base. But place a slip These prefatory amusements are and you stand expectantly. M. Bachelet of copper or aluminum between the given to make one familiar with the steel and the spool and the attraction is principle upon which the "flying train" overcome and the heavier metal is is operated. By the flow of the second and the switch and the car sud-

> way injure and that any number of laws of physics apparently defied. volts of it can pass through the body The "track" of the line, which runs proof to convince doubting ones that without destroying life a bowl of gold- along the side of the room, consists of the extravagant claims for speed are in

> you see these circles of heavy metal about an inch and holding it there. Try chine may work perfectly, yet may be floating in the air the attraction of as you will, you cannot force the steel so expensive that it cannot compete, gravity is overcome. M. Bachelet makes tube back on the track. no such claim. In fact, he takes pains Now that the train is suspended and other machines which perhaps may look that the weight of an object lifted by pulling current is applied. This is ac- hand, it may achieve a result which is the current is always constant. Two complished by the aid of electro mag- unattainable by other means and which

pounds is placed, which registers on the this magnetic, drag and is pulled toward levitated system would be expensive, pgent. A lie is an acid that corredes, had acquired wealth would instant on the separate machines. The the arches.

The the arches. scale trays are placed one below the As the car passes each arch it is au- tify its construction, say its adherents. Truth is powerful always in the end, would become the real founder of a

In the opinion of many, M. Bachelet ater, Down the center of the room is that only certain metals are repelled by into the weight in the lower scale tray comes under the influence of the next In the opinion of many, M. Bachelet ater. Down the center of the room is that only certain metals are repelled by into the weight in the lower scale tray comes under the influence of the next seems to have solved the problem of the next great step in transportation. A visit to his workshop at Saffron Hill. one of the oldest districts of London. Beyond these are the dials of scales would float over an alternating current weighing machine now registers 12 The spools or cylinders in the roadand weighing machines that remind magnet has been known in scientific pounds, proving that the drag of the way which lift the vehicle into the air one of a high-class butcher shop. Over circles for a number of years. This has upper piece of metal, suspended in the come into automatic action through the pair of 24-button French glove instead beside the switchboard is a set of bells proved to be a serious nuisance to electronspace of the resulting medium of a live wire that travels with period of the 19th, when the locomotive like those used by the Swiss bellringers trical manufactures in all kinds of transferred to the repelling medium, the car. Thus the train carries its All of which is very illuminating. magnetic field with it.

Winston Churchill,

And such is the model. Of course, the

from the economical point of view, with

English Secretary of the Navy,

Watching a Demonstration,

But the credit of turning this phe- As the concluding one of these pre- One can test experimentally the imto account rests with M. Hminary experiments the musical bells mense difference which is made by the ing a ring of aluminum. The tubes spools, it requires considerable effort of lying as it is to get in! But, also tiny." rest on repulsion spools controlled from to move the 40-pound tube along the and alas-it is not! Curiously enough, the current has an the switchboard and allow the free roadway. When it is lifted clear of entirely different effect on steel. This passage of air. Touching buttons on contact, a mere touch of the finger hold, where the children were severely should be deceived. The easiest way to metal is immediately magnetized and the board, the current drives the disks will send it on its aerial way. consequently attracted by the repulsion up in the glass tube until they strike

wave. To show this the inventor lays a the bells. With a skillful touch the

The demonstration of the model in her stern old father to thank for any question that would solve all things if

overcome and the heavier metal is is operated. By the time your attention denly rises into the air. For a second fanatic on the subject. Other girls' the lap of the earth. So when we raised in air above the non-magnetized is directed to the trainway—it is not a it remains so. Then another switch is fathers passed over things that my would rest our spirits we must recline railway, for there are no rails—you closed and like a flash the train has To show that the current will in no are no longer surprised at seeing the literally flown from end to end of the roadway. It needs only this ocular

fish covered with a copper lid is used a series of spools, the current cylin- no wise exaggerated. for the next experiment. Placed on the ders of the preliminary experiments. spool, the lid is lifted by the unseen The "car" used is a steel tube weighing idea is still in the stage of trial and a swim about apparently unconscious of bed plate that the repulsive force, device will remain unquestioned. The turned through the spools, immediately first to be asked is that of cost, both It must not be supposed that when acts, lifting the car clear of the track of construction and operation. A ma-

demonstrate by another experiment free from all retarding influences, the inferior mechanically. Or, on the other are used to show this.

In each scale tray a weight of six superstructure of the car responds to Granting that the installation of the Truth may hurt, but it is a healing saw it when he said that the man who

Inanciers, all troop to the demonstrating room to see the wonderful model in

operation. They come in a constant stream down the dingy street and climb the parrow stairway to the magic par-They all examine it closely, but with typical reserve they venture no

Hiram Maxim enters the curtained experiment room that one hears phrases of enthusiastic praise. This venerable disciple of science came in a skeptical mood, but as the mystery of the plan was unfolded to him his vivid imagination saw in its completed perfection the application of this revolutionary principle of conveyance. He danced about the model like a delighted child. And he had nothing but incerest con-

Winston Churchill, who holds in the

Also from the Admiralty came Sir war staff. He is the great English ex- as a genius who has discovered a fun-pert on electricity and a recognized damental idea which will be of enerpert on electricity and a recognized authority on its uses. In company mous service to me

be put into operation at a reasonable with other officers, he spent an hour cost. In the matter of operating outlay and a half examining every feature of cost. In the matter of operating outlay the cost to carry five pounds' weight

one hour would be 1 cent. Here is a ba-sis worth figuring on. It is the present plan of the inventor to construct a full-sized "flying train" on a track laid out at some place conventent to London. His first line will be for express and mail only. Already he has designed a car suitable for the

Meanwhile the dusty warehouse down in the Italian quarter of London is the mecca of the great men of the city. Enrincers, electricians, scientists, airmen,

gratulation to offer.

English Cabinet the position corresponding to Secretary of the Navy, was another distinguished visitor, Beyond doubt he was deeply interested, but he refused to venture an opinion as to the practicability of the car.

the model.

The Model in Action

And so it happens that this new marvel of transportation finds its first appreclation in Europe. Already the question of time saved in transatiantic mails is under consideration. With this new system installed the last post for New York from London would closs 45 minutes before the steamer sails, not the day previous, as is the case now business men.

Again, looking at the proposition from a strictly European point of view, a mall from Paris to St. Petersburg that takes only ten hours would be a tremendous step forward for commerce All that has been written about the time saved in mall service applies equally to the forwarding of express. Passenger transportation will be the last perfection of the levitated system.

Innumerable experiments will have to be carried out before the wishes to take the risk of sending human freight through the eir at lightning speed. This new railroad could be erected along the right of way of existing

ratiroads. While it is a radical change extreme an alteration as actual flying It is idle to prophesy. knows beforehand that, despite housted craving for the new, nothing takes hold with people as a whole so slowly as an original idea that is revolutionary And it was a disappoint ment of this kind that drove this gris zled, mystic-synd, expatriated Frenchman from America, the land of his adoption, to England's shores. In that Also from the Admiralty came Sir country be has found appreciation Henry Jackson, K. C. B., chief of the instead of neglect. There is he halled

## WOMAN WHO TELLS FIBS

(CONTINUED FROM PAGE 5.)

cleaner, She looked at it. No, this was free.

Another person found the mate to A lie is an awful jailer. Pity the this glove behind a divan. No, she weman who is in the clutches of a lie!

she went home gloveless. was her glove, the cleaned, 12-button ace.

one. When the search began she one. When the search began she couldn't hold to her falsehood about it home to roost. The old proverb has a being such a levely glove with the lot of homely truth in its warning. We other one on her hand to disprove it.

vinced myself that I had lost a lovely a woman who has the habit. There is, pair of 24-button French gloves instead of course. It is not an easy thing to of the ancient but honorably cleaned do, but once a woman has realized the

ones which I wore to the ball." The Rolling Lie.

her stern old latter to the later we could but see it that way? happiness that had come to her later we could but see it that way? "Let the beautiful laws prevail. Let

were not truths lies.

In our immediate set I am the only our only chance of happiness. woman who does not deceive her hushand about something. I can't help telling the truth. And I am the only telling the truth. And I am the only woman who isn't way down in her. A pathologist of standing inveighs heart secretly afraid of her husband against the "self-made man" in terms finding out that she has iled to him- that will be surprising to many. not about hig things, but about lesser self-made man," he says, " is often in ones. I tell John the absolute truth, the process of degeneration, and the If he scolds me I take it, for I have first evidence of degeneracy in a fambeen scolded all my life. But the other ily is the salfishness and meanness or women. I've noticed, go on and on and the cunning, avarice and moral guils, most of them are living separated from by which the self-made man succeeds their husbands, divorced or the two are in amassing a fortune for his still more

When we look things straight in the fying their selfish desires."

ment his plan of transportation can freedom only comes when we know the been many times to the truth, as the Bible says, and it sets us

said. That couldn't be her glove, since Some philosopher has said that to covit was the mate to the other one. So er up one lie a person has to summon And she confessed afterward that it 20 others to assist at the burial. And

other one on her hand to disprove it can't tell a lie and have it and there. Accordingly, she had thrown that one It is a boomerang that may take many ay also.

When they did find that miserable but it will do so at last.

"Is there a way to stop lying?" asks untruths she is eager to clutch at the A snowball which increases in size as wisdom that Becky in the play volces

A girl who grew up in a rigid house- sinister that it is curious that anyone

"He simply inoculated me with us not weary ourselves by resisting truth," she said. "I look back now them. When we rest our bodies we and remember how I thought him a cease to support them; we recline an

to be crimes. The one thing he was if we only could put down our "load intolerant of was lying. He didn't of falsehoods?" If we only could see mince words. He called all things that that truth is so mighty she must prevall sooner or later and that in making

I married a man here in New York. her our ally instead of our menace liss

Portrait of a Self-Made Man.

degenerate children to spend in grati-