

The background of the book cover is a vertical photograph. The top half shows a dark, starry night sky with a dense field of stars. The bottom half shows a calm body of water reflecting the sky. In the center of the water, a small sailboat with two sails is visible, its reflection clearly mirrored in the water. The horizon line is visible, with some clouds and a soft glow from the sun or moon just below the water's surface.

***GARRETT
P. SERVISS***

***THE COLLECTED
WORKS***

Garrett P. Serviss

The Collected Works

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Chapter I.

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It is impossible that the stupendous events which followed the disastrous invasion of the earth by the Martians should go without record, and circumstances having placed the facts at my disposal, I deem it a duty, both to posterity and to those who were witnesses of and participants in the avenging counterstroke that the earth dealt back at its ruthless enemy in the heavens, to write down the story in a connected form.

The Martians had nearly all perished, not through our puny efforts, but in consequence of disease, and the few survivors fled in one of their projectile cars, inflicting their cruelest blow in the act of departure.

Their Mysterious Explosive.

They possessed a mysterious explosive, of unimaginable puissance, with whose aid they set their car in motion for Mars from a point in Bergen County, N. J., just back of the Palisades.

The force of the explosion may be imagined when it is recollected that they had to give the car a velocity of more than seven miles per second in order to overcome the attraction of the earth and the resistance of the atmosphere.

The shock destroyed all of New York that had not already fallen a prey, and all the buildings yet standing in the surrounding towns and cities fell in one far-circling ruin.

The Palisades tumbled in vast sheets, starting a tidal wave in the Hudson that drowned the opposite shore.

Thousands of Victims.

The victims of this ferocious explosion were numbered by tens of thousands, and the shock, transmitted through the rocky frame of the globe, was recorded by seismographic pendulums in England and on the Continent of Europe.

The terrible results achieved by the invaders had produced everywhere a mingled feeling of consternation and hopelessness. The devastation was widespread. The death-dealing engines which the Martians had brought with them had proved irresistible and the inhabitants of the earth possessed nothing capable of contending against them. There had been no protection for the great cities; no protection even for the open country. Everything had gone down before the savage onslaught of those merciless invaders from space. Savage ruins covered the sites of many formerly flourishing towns and villages, and the broken walls of great cities stared at the heavens like the exhumed skeletons of Pompeii. The awful agencies had extirpated pastures and meadows and dried up the very springs of fertility in the earth where they had touched it. In some parts of the devastated lands pestilence broke out; elsewhere there was famine. Despondency black as night brooded over some of the fairest portions of the globe.

All Not Yet Destroyed.

Yet all had not been destroyed, because all had not been reached by the withering hand of the destroyer. The Martians had not had time to complete their work before they themselves fell a prey to the diseases that carried them off at the very culmination of their triumph.

From those lands which had, fortunately, escaped invasion, relief was sent to the sufferers. The outburst of pity and of charity exceeded anything that the world had known. Differences of race and religion were swallowed up in the universal sympathy which was felt for those who had

suffered so terribly from an evil that was as unexpected as it was unimaginable in its enormity.

But the worst was not yet. More dreadful than the actual suffering and the scenes of death and devastation which overspread the afflicted lands was the profound mental and moral depression that followed. This was shared even by those who had not seen the Martians and had not witnessed the destructive effects of the frightful engines of war that they had imported for the conquest of the earth. All mankind was sunk deep in this universal despair, and it became tenfold blacker when the astronomers announced from their observatories that strange lights were visible, moving and flashing upon the red surface of the Planet of War. These mysterious appearances could only be interpreted in the light of past experience to mean that the Martians were preparing for another invasion of the earth, and who could doubt that with the invincible powers of destruction at their command they would this time make their work complete and final?

A Startling Announcement.

This startling announcement was the more pitiable in its effects because it served to unnerve and discourage those few of stouter hearts and more hopeful temperaments who had already begun the labor of restoration and reconstruction amid the embers of their desolated homes. In New York this feeling of hope and confidence, this determination to rise against disaster and to wipe out the evidences of its dreadful presence as quickly as possible, had especially manifested itself. Already a company had been formed and a large amount of capital subscribed for the reconstruction of the destroyed bridges over the East River. Already architects were busily at work planning new twenty-story hotels and apartment houses; new churches and new cathedrals on a grander scale than before.

The Martians Returning.

Amid this stir of renewed life came the fatal news that Mars was undoubtedly preparing to deal us a death blow. The sudden revulsion of feeling flitted like the shadow of an eclipse over the earth. The scenes that followed were indescribable. Men lost their reason. The faint-hearted ended the suspense with self-destruction, the stout-hearted remained steadfast, but without hope and knowing not what to do.

But there was a gleam of hope of which the general public as yet knew nothing. It was due to a few dauntless men of science, conspicuous among whom were Lord Kelvin, the great English savant; Herr Roentgen, the discoverer of the famous X ray, and especially Thomas A. Edison, the American genius of science. These men and a few others had examined with the utmost care the engines of war, the flying machines, the generators of mysterious destructive forces that the Martians had produced, with the object of discovering, if possible, the sources of their power.

Suddenly from Mr. Edison's laboratory at Orange flashed the startling intelligence that he had not only discovered the manner in which the invaders had been able to produce the mighty energies which they employed with such terrible effect, but that, going further, he had found a way to overcome them.

The glad news was quickly circulated throughout the civilized world. Luckily the Atlantic cables had not been destroyed by the Martians, so that communication between the Eastern and Western continents was uninterrupted. It was a proud day for America. Even while the Martians had been upon the earth, carrying everything before them, demonstrating to the confusion of the most optimistic that there was no possibility of standing against them, a feeling—a confidence had manifested itself in France, to a minor

extent in England, and particularly in Russia, that the Americans might discover means to meet and master the invaders.

Now, it seemed, this hope and expectation were to be realized. Too late, it is true, in a certain sense, but not too late to meet the new invasion which the astronomers had announced was impending. The effect was as wonderful and indescribable as that of the despondency which but a little while before had overspread the world. One could almost hear the universal sigh of relief which went up from humanity. To relief succeeded confidence—so quickly does the human spirit recover like an elastic spring, when pressure is released.

"We Are Ready for Them!"

"Let them come," was the almost joyous cry. "We shall be ready for them now. The Americans have solved the problem. Edison has placed the means of victory within our power."

Looking back upon that time now, I recall, with a thrill, the pride that stirred me at the thought that, after all, the inhabitants of the Earth were a match for those terrible men from Mars, despite all the advantage which they had gained from their millions of years of prior civilization and science.

As good fortunes, like bad, never come singly, the news of Mr. Edison's discovery was quickly followed by additional glad tidings from that laboratory of marvels in the lap of the Orange mountains. During their career of conquest the Martians had astonished the inhabitants of the earth no less with their flying machines—which navigated our atmosphere as easily as they had that of their native planet—than with their more destructive inventions. These flying machines in themselves had given them an enormous advantage in the contest. High above the desolation that they had caused to reign on the surface of the earth, and, out of the range of

our guns, they had hung safe in the upper air. From the clouds they had dropped death upon the earth.

Edison's Flying Machine.

Now, rumor declared that Mr. Edison had invented and perfected a flying machine much more complete and manageable than those of the Martians had been. Wonderful stories quickly found their way into the newspapers concerning what Mr. Edison had already accomplished with the aid of his model electrical balloon. His laboratory was carefully guarded against the invasion of the curious, because he rightly felt that a premature announcement, which should promise more than could be actually fulfilled, would, at this critical juncture, plunge mankind back again into the gulf of despair, out of which it had just begun to emerge.

Nevertheless, inklings of the truth leaked out. The flying machine had been seen by many persons hovering by night high above the Orange hills and disappearing in the faint starlight as if it had gone away into the depths of space, out of which it would re-emerge before the morning light had streaked the east, and be seen settling down again within the walls that surrounded the laboratory of the great inventor. At length the rumor, gradually deepening into a conviction, spread that Edison himself, accompanied by a few scientific friends, had made an experimental trip to the moon. At a time when the spirit of mankind was less profoundly stirred, such a story would have been received with complete incredulity, but now, rising on the wings of the new hope that was buoying up the earth, this extraordinary rumor became a day star of truth to the nations.

A Trip to the Moon.

And it was true. I had myself been one of the occupants of the car of the flying Ship of Space on that night when it silently left the earth, and rising out of the great shadow of the globe, sped on to the moon. We had landed upon the scarred and desolate face of the earth's satellite, and but that there are greater and more interesting events, the telling of which must not be delayed, I should undertake to describe the particulars of this first visit of men to another world.

But, as I have already intimated, this was only an experimental trip. By visiting this little nearby island in the ocean of space, Mr. Edison simply wished to demonstrate the practicability of his invention, and to convince, first of all, himself and his scientific friends that it was possible for men—mortal men—to quit and to revisit the earth at their will. That aim this experimental trip triumphantly attained.

It would carry me into technical details that would hardly interest the reader to describe the mechanism of Mr. Edison's flying machine. Let it suffice to say that it depended upon the principal of electrical attraction and repulsion. By means of a most ingenious and complicated construction he had mastered the problem of how to produce, in a limited space, electricity of any desired potential and of any polarity, and that without danger to the experimenter or to the material experimented upon. It is gravitation, as everybody knows, that makes man a prisoner on the earth. If he could overcome, or neutralize, gravitation he could float away a free creature of interstellar space. Mr. Edison in his invention had pitted electricity against gravitation. Nature, in fact, had done the same thing long before. Every astronomer knew it, but none had been able to imitate or to reproduce this miracle of nature. When a comet approaches the sun, the orbit in which it travels indicates that it is moving under the impulse of the sun's gravitation. It is in reality falling in a great parabolic or elliptical curve through space. But, while a comet

approaches the sun it begins to display—stretching out for millions, and sometimes hundreds of millions of miles on the side away from the sun—an immense luminous train called its tail. This train extends back into that part of space from which the comet is moving. Thus the sun at one and the same time is drawing the comet toward itself and driving off from the comet in an opposite direction minute particles or atoms which, instead of obeying the gravitational force, are plainly compelled to disobey it. That this energy, which the sun exercises against its own gravitation, is electrical in its nature, hardly anybody will doubt. The head of the comet being comparatively heavy and massive, falls on toward the sun, despite the electrical repulsion. But the atoms which form the tail, being almost without weight, yield to the electrical rather than to the gravitational influence, and so fly away from the sun.

Gravity Overcome.

Now, what Mr. Edison had done was, in effect, to create an electrified particle which might be compared to one of the atoms composing the tail of a comet, although in reality it was a kind of car, of metal, weighing some hundreds of pounds and capable of bearing some thousands of pounds with it in its flight. By producing, with the aid of the electrical generator contained in this car, an enormous charge of electricity, Mr. Edison was able to counterbalance, and a trifle more than counterbalance, the attraction of the earth, and thus cause the car to fly off from the earth as an electrified pithball flies from the prime conductor.

As we sat in the brilliantly lighted chamber that formed the interior of the car, and where stores of compressed air had been provided together with chemical apparatus, by means of which fresh supplies of oxygen and nitrogen might be obtained for our consumption during the flight through space, Mr. Edison touched a polished button, thus causing

the generation of the required electrical charge on the exterior of the car, and immediately we began to rise.

The moment and direction of our flight had been so timed and prearranged, that the original impulse would carry us straight toward the moon.

A Triumphant Test.

When we fell within the sphere of attraction of that orb it only became necessary to so manipulate the electrical charge upon our car as nearly, but not quite, to counterbalance the effect of the moon's attraction in order that we might gradually approach it and with an easy motion, settle, without shock, upon its surface.

We did not remain to examine the wonders of the moon, although we could not fail to observe many curious things therein. Having demonstrated the fact that we could not only leave the earth, but could journey through space and safely land upon the surface of another planet, Mr. Edison's immediate purpose was fulfilled, and we hastened back to the earth, employing in leaving the moon and landing again upon our own planet the same means of control over the electrical attraction and repulsion between the respective planets and our car which I have already described.

Telegraphing the News.

When actual experiment had thus demonstrated the practicability of the invention, Mr. Edison no longer withheld the news of what he had been doing from the world. The telegraph lines and the ocean cables labored with the messages that in endless succession, and burdened with an infinity of detail, were sent all over the earth. Everywhere the utmost enthusiasm was aroused.

"Let the Martians come," was the cry. "If necessary, we can quit the earth as the Athenians fled from Athens before

the advancing host of Xerxes, and like them, take refuge upon our ships—these new ships of space, with which American inventiveness has furnished us."

And then, like a flash, some genius struck out an idea that fired the world.

"Why should we wait? Why should we run the risk of having our cities destroyed and our lands desolated a second time? Let us go to Mars. We have the means. Let us beard the lion in his den. Let us ourselves turn conquerors and take possession of that detestable planet, and if necessary, destroy it in order to relieve the earth of this perpetual threat which now hangs over us like the sword of Damocles."

Chapter II.

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This enthusiasm would have had but little justification had Mr. Edison done nothing more than invent a machine which could navigate the atmosphere and the regions of interplanetary space.

He had, however, and this fact was generally known, although the details had not yet leaked out—invented also machines of war intended to meet the utmost that the Martians could do for either offence or defence in the struggle which was now about to ensue.

A Wonderful Instrument.

Acting upon the hint which had been conveyed from various investigations in the domain of physics, and concentrating upon the problem all those unmatched powers of intellect which distinguished him, the great inventor had succeeded in producing a little implement which one could carry in his hand, but which was more powerful than any battleship that ever floated. The details of its mechanism could not be easily explained, without the use of tedious technicalities and the employment of terms, diagrams and mathematical statements, all of which would lie outside the scope of this narrative. But the principle of the thing was simple enough. It was upon the great scientific doctrine, which we have since seen so completely and brilliantly developed, of the law of harmonic vibrations, extending from atoms and molecules at one end of the series up to worlds and suns at the other end, that Mr. Edison based his invention.

Every kind of substance has its own vibratory rhythm. That of iron differs from that of pine wood. The atoms of gold do not vibrate in the same time or through the same

range as those of lead, and so on for all known substances, and all the chemical elements. So, on a larger scale, every massive body has its period of vibration. A great suspension bridge vibrates, under the impulse of forces that are applied to it, in long periods. No company of soldiers ever crosses such a bridge without breaking step. If they tramped together, and were followed by other companies keeping the same time with their feet, after a while the vibrations of the bridge would become so great and destructive that it would fall in pieces. So any structure, if its vibration rate is known, could easily be destroyed by a force applied to it in such a way that it should simply increase the swing of those vibrations up to the point of destruction.

Now Mr. Edison had been able to ascertain the vibratory swing of many well-known substances, and to produce, by means of the instrument which he had contrived, pulsations in the ether which were completely under his control, and which could be made long or short, quick or slow, at his will. He could run through the whole gamut from the slow vibrations of sound in air up to the four hundred and twenty-five millions of millions of vibrations per second of the ultra red rays.

Having obtained an instrument of such power, it only remained to concentrate its energy upon a given object in order that the atoms composing that object should be set into violent undulation, sufficient to burst it asunder and to scatter its molecules broadcast. This the inventor effected by the simplest means in the world—simply a parabolic reflector by which the destructive waves could be sent like a beam of light, but invisible, in any direction and focused upon any desired point.

Testing the "Disintegrator."

I had the good fortune to be present when this powerful engine of destruction was submitted to its first test. We had

gone upon the roof of Mr. Edison's laboratory and the inventor held the little instrument, with its attached mirror, in his hand. We looked about for some object on which to try its powers. On a bare limb of a tree not far away, for it was late in the Fall, sat a disconsolate crow.

"Good," said Mr. Edison, "that will do." He touched a button at the side of the instrument and a soft, whirring noise was heard.

"Feathers," said Mr. Edison, "have a vibration period of three hundred and eighty-six million per second."

He adjusted the index as he spoke. Then, through a sighting tube, he aimed at the bird.

"Now watch," he said.

The Crow's Fate.

Another soft whirr in the instrument, a momentary flash of light close around it, and, behold, the crow had turned from black to white!

"Its feathers are gone," said the inventor; "they have been dissipated into their constituent atoms. Now, we will finish the crow."

Instantly there was another adjustment of the index, another outshooting of vibratory force, a rapid up and down motion of the index to include a certain range of vibrations, and the crow itself was gone—vanished in empty space! There was the bare twig on which a moment before it had stood. Behind, in the sky, was the white cloud against which its black form had been sharply outlined, but there was no more crow.

Bad for the Martians.

"That looks bad for the Martians, doesn't it?" said the Wizard. "I have ascertained the vibration rate of all the materials of which their war engines whose remains we

have collected together are composed. They can be shattered into nothingness in the fraction of a second. Even if the vibration period were not known, it could quickly be hit upon by simply running through the gamut."

"Hurrah!" cried one of the onlookers. "We have met the Martians and they are ours."

Such in brief was the first of the contrivances which Mr. Edison invented for the approaching war with Mars.

And these facts had become widely known. Additional experiments had completed the demonstration of the inventor's ability, with the aid of his wonderful instrument, to destroy any given object, or any part of an object, provided that that part differed in its atomic constitution, and consequently in its vibratory period, from the other parts.

A most impressive public exhibition of the powers of the little disintegrator was given amid the ruins of New York. On lower Broadway a part of the walls of one of the gigantic buildings, which had been destroyed by the Martians, impended in such a manner that it threatened at any moment to fall upon the heads of the passers-by. The Fire Department did not dare touch it. To blow it up seemed a dangerous expedient, because already new buildings had been erected in its neighborhood, and their safety would be imperiled by the flying fragments. The fact happened to come to my knowledge.

"Here is an opportunity," I said to Mr. Edison, "to try the powers of your machine on a large scale."

"Capital!" he instantly replied. "I shall go at once."

Disintegrating a Building.

For the work now in hand it was necessary to employ a battery of disintegrators, since the field of destruction covered by each was comparatively limited. All of the impending portions of the wall must be destroyed at once

and together, for otherwise the danger would rather be accentuated than annihilated. The disintegrators were placed upon the roof of a neighboring building, so adjusted that their fields of destruction overlapped one another upon the wall. Their indexes were all set to correspond with the vibration period of the peculiar kind of brick of which the wall consisted. Then the energy was turned on, and a shout of wonder arose from the multitudes which had assembled at a safe distance to witness the experiment.

Only a Cloud Remained.

The wall did not fall; it did not break asunder; no fragments shot this way and that and high in the air; there was no explosion; no shock or noise disturbed the still atmosphere—only a soft whirr, that seemed to pervade everything and to tingle in the nerves of the spectators; and—what had been was not! The wall was gone! But high above and all around the place where it had hung over the street with its threat of death there appeared, swiftly billowing outward in every direction, a faint, bluish cloud. It was the scattered atoms of the destroyed wall.

And now the cry "On to Mars!" was heard on all sides. But for such an enterprise funds were needed—millions upon millions. Yet some of the fairest and richest portions of the earth had been impoverished by the frightful ravages of those enemies who had dropped down upon them from the skies. Still, the money must be had. The salvation of the planet, as everybody was now convinced, depended upon the successful negotiation of a gigantic war fund, in comparison with which all the expenditures in all of the wars that had been waged by the nations for 2,000 years would be insignificant. The electrical ships and the vibration engines must be constructed by scores and thousands. Only Mr. Edison's immense resources and unrivaled equipment had enabled him to make the models whose powers had

been so satisfactorily shown. But to multiply these upon a war scale was not only beyond the resources of any individual—hardly a nation on the globe in the period of its greatest prosperity could have undertaken such a work. All the nations, then, must now conjoin. They must unite their resources, and, if necessary, exhaust all their hoards, in order to raise the needed sum.

The Yankees Lead.

Negotiations were at once begun. The United States naturally took the lead, and their leadership was never for a moment questioned abroad.

Washington was selected as the place of meeting for a great congress of the nations. Washington, luckily, had been one of the places which had not been touched by the Martians. But if Washington had been a city composed of hotels alone, and every hotel so great as to be a little city in itself, it would have been utterly insufficient for the accommodation of the innumerable throngs which now flocked to the banks of the Potomac. But when was American enterprise unequal to a crisis? The necessary hotels, lodging houses and restaurants were constructed with astounding rapidity. One could see the city growing and expanding day by day and week after week. It flowed over Georgetown Heights; it leaped the Potomac; it spread east and west, south and north; square mile after square mile of territory was buried under the advancing buildings, until the gigantic city, which had thus grown up like a mushroom in a night, was fully capable of accommodating all its expected guests.

At first it had been intended that the heads of the various governments should in person attend this universal congress, but as the enterprise went on, as the enthusiasm spread, as the necessity for haste became more apparent through the warning notes which were constantly sounded

from the observatories where the astronomers were nightly beholding new evidences of threatening preparations in Mars, the kings and queens of the old world felt that they could not remain at home; that their proper place was at the new focus and centre of the whole world—the city of Washington. Without concerted action, without interchange of suggestion, this impulse seemed to seize all the old world monarchs at once. Suddenly cablegrams flashed to the Government at Washington, announcing that Queen Victoria, the Emperor William, the Czar Nicholas, Alphonso of Spain, with his mother, Maria Christina; the old Emperor Francis Joseph and the Empress Elizabeth, of Austria; King Oscar and Queen Sophia, of Sweden and Norway; King Humbert and Queen Margherita, of Italy; King George and Queen Olga, of Greece; Abdul Hamid, of Turkey; Tsait'ien, Emperor of China; Mutsuhito, the Japanese Mikado, with his beautiful Princess Haruko; the President of France, the President of Switzerland, the First Syndic of the little republic of Andorra, perched on the crest of the Pyrenees, and the heads of all the Central and South American republics, were coming to Washington to take part in the deliberations, which, it was felt, were to settle the fate of earth and Mars.

One day, after this announcement had been received, and the additional news had come that nearly all the visiting monarchs had set out, attended by brilliant suites and convoyed by fleets of warships, for their destination, some coming across the Atlantic to the port of New York, others across the Pacific to San Francisco, Mr. Edison said to me:

"This will be a fine spectacle. Would you like to watch it?"

"Certainly," I replied.

A Grand Spectacle.

The Ship of Space was immediately at our disposal. I think I have not yet mentioned the fact that the inventor's control

over the electrical generator carried in the car was so perfect that by varying the potential or changing the polarity he could cause it slowly or swiftly, as might be desired, to approach or recede from any object. The only practical difficulty was presented when the polarity of the electrical charge upon an object in the neighborhood of the car was unknown to those in the car, and happened to be opposite to that of the charge which the car, at that particular moment, was bearing. In such a case, of course, the car would fly toward the object, whatever it might be, like a pith ball or a feather, attracted to the knob of an electrical machine. In this way, considerable danger was occasionally encountered, and a few accidents could not be avoided. Fortunately, however, such cases were rare. It was only now and then that, owing to some local cause, electrical polarities unknown to or unexpected by the navigators, endangered the safety of the car. As I shall have occasion to relate, however, in the course of the narrative, this danger became more acute and assumed at times a most formidable phase, when we had ventured outside the sphere of the earth and were moving through the unexplored regions beyond.

On this occasion, having embarked, we rose rapidly to a height of some thousands of feet and directed our course over the Atlantic. When half way to Ireland, we beheld, in the distance, steaming westward, the smoke of several fleets. As we drew nearer a marvellous spectacle unfolded itself to our eyes. From the northeast, their great guns flashing in the sunlight and their huge funnels belching black volumes that rested like thunder clouds upon the sea, came the mighty warships of England, with her meteor flag streaming red in the breeze, while the royal insignia, indicating the presence of the ruler of the British Empire, was conspicuously displayed upon the flagship of the squadron.

Following a course more directly westward appeared, under another black cloud of smoke, the hulls and guns and burgeons of another great fleet, carrying the tri-color of France, and bearing in its midst the head of the magnificent republic of western Europe.

Further south, beating up against the northerly winds, came a third fleet with the gold and red of Spain fluttering from its masthead. This, too, was carrying its King westward, where now, indeed, the star of empire had taken its way.

Universal Brotherhood.

Rising a little higher, so as to extend our horizon, we saw coming down the English channel, behind the British fleet, the black ships of Russia. Side by side, or following one another's lead, these war fleets were on a peaceful voyage that belied their threatening appearance. There had been no thought of danger to or from the forts and ports of rival nations which they had passed. There was no enmity, and no fear between them when the throats of their ponderous guns yawned at one another across the waves. They were now, in spirit, all one fleet, having one object, bearing against one enemy, ready to defend but one country, and that country was the entire earth.

It was some time before we caught sight of the Emperor William's fleet. It seems that the Kaiser, although at first consenting to the arrangement by which Washington had been selected as the assembling place for the nations, afterwards objected to it.

Kaiser Wilhelm's Jealousy.

"I ought to do this thing myself," he had said. "My glorious ancestors would never have consented to allow these upstart Republicans to lead in a warlike enterprise of this

kind. What would my grandfather have said to it? I suspect that it is some scheme aimed at the divine right of kings."

But the good sense of the German people would not suffer their ruler to place them in a position so false and so untenable. And swept along by their enthusiasm the Kaiser had at last consented to embark on his flagship at Kiel, and now he was following the other fleets on their great mission to the Western Continent.

Why did they bring their warships when their intentions were peaceable, do you ask? Well, it was partly the effect of ancient habit, and partly due to the fact that such multitudes of officials and members of ruling families wished to embark for Washington that the ordinary means of ocean communications would have been utterly inadequate to convey them.

After we had feasted our eyes on this strange sight, Mr. Edison suddenly exclaimed: "Now let us see the fellows from the rising sun."

Over the Mississippi.

The car was immediately directed toward the west. We rapidly approached the American coast, and as we sailed over the Alleghany Mountains and the broad plains of the Ohio and the Mississippi, we saw crawling beneath us from west, south and north, an endless succession of railway trains bearing their multitudes on to Washington. With marvellous speed we rushed westward, rising high to skim over the snow-topped peaks of the Rocky Mountains and then the glittering rim of the Pacific was before us. Half way between the American coast and Hawaii we met the fleets coming from China and Japan. Side by side they were ploughing the main, having forgotten, or laid aside, all the animosities of their former wars.

I well remember how my heart was stirred at this impressive exhibition of the boundless influence which my

country had come to exercise over all the people of the world, and I turned to look at the man to whose genius this uprising of the earth was due. But Mr. Edison, after his wont, appeared totally unconscious of the fact that he was personally responsible for what was going on. His mind, seemingly, was entirely absorbed in considering problems, the solution of which might be essential to our success in the terrific struggle which was soon to begin.

Back to Washington.

"Well, have you seen enough?" he asked. "Then let us go back to Washington."

As we speeded back across the continent we beheld beneath us again the burdened express trains rushing toward the Atlantic, and hundreds of thousands of upturned eyes watched our swift progress, and volleys of cheers reached our ears, for every one knew that this was Edison's electrical warship, on which the hope of the nation, and the hopes of all the nations, depended. These scenes were repeated again and again until the car hovered over the still expanding capital on the Potomac, where the unceasing ring of hammers rose to the clouds.

Chapter III.

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The day appointed for the assembling of the nations in Washington opened bright and beautiful. Arrangements had been made for the reception of the distinguished guests at the Capitol. No time was to be wasted, and, having assembled in the Senate Chamber, the business that had called them together was to be immediately begun. The scene in Pennsylvania avenue, when the procession of dignitaries and royalties passed up toward the Capitol, was one never to be forgotten. Bands were playing, magnificent equipages flashed in the morning sunlight, the flags of every nation on the earth fluttered in the breeze. Queen Victoria, with the Prince of Wales escorting her, and riding in an open carriage, was greeted with roars of cheers; the Emperor William, following in another carriage with Empress Victoria at his side, condescended to bow and smile in response to the greetings of a free people. Each of the other monarchs was received in a similar manner. The Czar of Russia proved to be an especial favorite with the multitude on account of the ancient friendship of his house for America. But the greatest applause of all came when the President of France, followed by the President of Switzerland and the First Syndic of the little Republic of Andorra, made their appearance. Equally warm were the greetings extended to the representatives of Mexico and the South American States.

The Sultan of Turkey.

The crowd apparently hardly knew at first how to receive the Sultan of Turkey, but the universal good feeling was in

his favor, and finally rounds of hand clapping and cheers greeted his progress along the splendid avenue.

A happy idea had apparently occurred to the Emperor of China and the Mikado of Japan, for, attended by their intermingled suites, they rode together in a single carriage. This object lesson in the unity of international feeling immensely pleased the spectators.

An Unparalleled Scene.

The scene in the Senate Chamber stirred every one profoundly. That it was brilliant and magnificent goes without saying, but there was a seriousness, an intense feeling of expectancy, pervading both those who looked on and those who were to do the work for which these magnates of the earth had assembled, which produced an ineradicable impression. The President of the United States, of course, presided. Representatives of the greater powers occupied the front seats, and some of them were honored with special chairs near the President.

No time was wasted in preliminaries. The President made a brief speech.

"We have come together," he said, "to consider a question that equally interests the whole earth. I need not remind you that unexpectedly and without provocation on our part the people—the monsters, I should rather say—of Mars, recently came down upon the earth, attacked us in our homes and spread desolation around them. Having the advantage of ages of evolution, which for us are yet in the future, they brought with them engines of death and of destruction against which we found it impossible to contend. It is within the memory of every one in reach of my voice that it was through the entirely unexpected succor which Providence sent us that we were suddenly and effectually freed from the invaders. By our own efforts we could have done nothing."

McKinley's Tribute.

"But, as you all know, the first feeling of relief which followed the death of our foes was quickly succeeded by the fearful news which came to us from the observatories, that the Martians were undoubtedly preparing for a second invasion of our planet. Against this we should have had no recourse and no hope but for the genius of one of my countrymen, who, as you are all aware, has perfected means which may enable us not only to withstand the attack of those awful enemies, but to meet them, and, let us hope, to conquer them on their own ground."

"Mr. Edison is here to explain to you what those means are. But we have also another object. Whether we send a fleet of interplanetary ships to invade Mars or whether we simply confine our attention to works of defence, in either case it will be necessary to raise a very large sum of money. None of us has yet recovered from the effects of the recent invasion. The earth is poor to-day compared to its position a few years ago; yet we cannot allow our poverty to stand in the way. The money, the means, must be had. It will be part of our business here to raise a gigantic war fund by the aid of which we can construct the equipment and machinery that we shall require. This, I think, is all I need to say. Let us proceed to business."

"Where is Mr. Edison?" cried a voice.

"Will Mr. Edison please step forward?" said the President.

There was a stir in the assembly, and the iron-gray head of the great inventor was seen moving through the crowd. In his hand he carried one of his marvellous disintegrators. He was requested to explain and illustrate its operation. Mr. Edison smiled.

Edison to the Rescue.