## BRITAINS ONIY SCIENCE STORY WEEKIY



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## * BOUND FOR MARS

IACQUES HAVARD looked at his completed rocket ship with a speculative eye. At last, aiter twenty years' hard work, it was ready for space.

In a sequestered little village in Southern France he had experimented during all those long years, and now his thoughts were of the great test, almost due, when he would leave the Earth for the planet Mars.

He was on the point of tulfiling a lifelong ambition. Not his desire was it to go to the Moon. He had studied that great golden orb, and had come to the inevitable conclosion that it was really a dead world.

No air-no life. But Mars was, to him, full of promise.
Someone entered his room fud came sofily towards him.

Jacques.
"Mary
Pale and ethereal, she stood looking at him. She loved Jacques, but he was urie-spotsive-he laved his wort with an all-consuming passion,
She had been fifteen years old when he had first met her, and for eleven years she had woiked with him, helping in his experiments. She was beautiful, but one thing alone marring that beaty-a scar across her brow, a memento of the terrible accident which had robbed her of her parents, when the aeroplane in which they had been travelling became a hurtling, tearing monster of destruction, and crashed to Earth in the erstwhle peaceful little village of Rondiac, in Southern France.
Rich Ampricans, they bad been on holiday when the tragedy occurred. The girl's Pather had been an inventor, and had made his millions from massHroduced sevoplanes.

It was a strange twist

## CATA

ARMAGEDDON: The World Goes Mad to the Brink of Destruction. Finall abread and the End is Nigh. A gallant
of fate that had dropped Mary Lammeur at the Havards' door, for the Havards had for three generations been inventors. The girl was the only survivor of the accident, and so Jacques' parents had adopted her.

After six months had passed, and the first harrowing agony had departed from Mary under the kindly and sympathetic care of the Havards, she had regained something of her former spirits, and had become the favoured confidante of Jacques in his ambitions and secrets
Jacques was thirty-eight years old, but from the day that he had left school throughts of the other sex had scarcely obtruded upou lis consciousness.
Even Mary was unable to stir the instinct in him, although in her more romantic moods she had essayed it. . . . But it was useless, for he plunged all the harder into his work. Paris," said the girl, " is all agog with the news of your coming departure.

- And how did Paris look?
"Oh, as bright as ever!" smilingly retorted Mary. Then she continued, more serionsly: "I have seen Garstang, the American astronomer, and he informs me that he will arrive here to-morrow.
"Good," nimmured the man.
" Have yon heard anything of the faymers?

Nothing, except for that letter, which came beiore you went to Paris, reknowledging my agreement for them to take part in the journey.

With a roaring thum of sound the exo from the Earth be Giant space ships wi. hurtling up from ruins of a mighty pioneers searching

# LTEN 

Wars，Revolts，Lawlessness bring the Earth the Sinister Spectre of the Plague walks and sets out to Colonise the Planet Mars

## ＂Do you think that they have backed out？ <br> Them？Mon Dicu！No！You will not

 find them backing out after all the years they have spent in trying to make a rocket ship．＂True，＂agreed the girl．
＂Mollhemer has arrived，＂the man announced．＂Have you met bim yet？＂ $\because$ No，${ }^{* 1}$ replied the girl．
＂Conse up to the house then，and I will introduce you．

They were silent as they walked towarits the house．Then Mary broke in ：

Do you remember Motier？＂i
Motier？Why，of course．The man who constructed a ship in which to travel to the Moon．The trip ended in disastrous failare and resalted in him going mad．＇${ }^{2}$
＂Yes，＂said the girl，＂Motier was con－ fined to an asylum，but yesterday he escaped．＂
＂Escaped？Do you think that he has heard of our intended trip to Mars？＂
＂I am sure he has．＂
＂Then we shall have to watch out for stowaways．

Mary laughed musically．
＂That is absurd．What chance have people of stowing away on the ship when it is guarded day and night？＂

By this time they had entered the house． and in the hall stood a tall lean man of about thirty－five．It was the German，Moll－ heimer．＂Mollheimer，＂ammounced Jaeques， ＂this is my friend，Mary，＂
The German smiled nud came forward with outstretched hand．
＂Having heard so mach about you from my host，＂he said in faultless English，＂I have been looking forward to meeting you．＂

For all the man appeared so pleasant， Mary took an instinctive dislike to him．But she concealed it，and took his ontstretched hand．
＂And now，if you have the time to spure，＂ snid the Germsn to his host，I would be pleased if you wonld inform me mbout your work．${ }^{3}$

## ＂Certainly，＂replied Jacques． into the lounge，＂

He waited mitil they were all oomfortably seated in the lounge，and then began to talk．
＂As you are doubtless aware，＂he said， ＂this will be the thind time that an attempt has been made to leave the Earth．The first two have ended in failure．Fifteen years ago Professor Murray built a ship．His，like mine，was rocket propelled．As the mighty forces tore at the ship to start it on its jommey，a terrifying explosion took place which wrecked it utterly，and many people who had gathered to see its departure were killed．
The second attempt took place three years垃场
later．Ralph Motier，in the Moonbind，rose to a height of twenty－four miles luefore drop－ ping to Earth again．Motier alone was alive when the doors were forced open．His two sompaniont，their bodies homibly contorted， lay where they had been hurled across the ship．Motier was insane，gabbling incoherent， words to his rescmers．He was confined to an isylum，from which he escaped yester－ day．

Two years after that attempt Durofium was invented，of rather diseovered．Duro－ finm，the metal which possesses the havdness of steel and yet is very light．The metal was discovered is strange circumstances．

A terrific eruption took place in Italy， and from the bowels of the Earth came this strange substance which was so light and yet so adamant．It may appear strange to you that a substance so light should be so deep in the Earth，but nature has shown us stranger things．

I saw pessibilities in the material，and resolved to use it．There will be no need of tremendous explosions to start the ship．on its journey．That is the fact that I am depending upon for the success of my flight to Mars．．．Four more days，and the thing is a reality，Herr Mollheimer．＂

The German smiled．
＂Four more days，＂he repeated．
At the present time，＂continued Jacques， ＂Mars is at a distance of approximately $40,000,000$ miles．To reach our objective wo shall have to attain a speed of 25,000 miles per hour．At that speed we shall reach Mars in sixty－seven days．In stocking the ship with the necessary provisions，I have managed to pack enough to last seven pei－ sons for a period of one humdred and fifty days．That allows us sixteen days on Mars．${ }^{\text {＂}}$
＂And that should be enough，＂mormured Mollheimer．

Yes．It will give as the necessary oppor－ tmity to see what we want．There is always it doubt about the air，though．But 1 am sure that it will be quite hreatheable， although it is certain to be much rarer than aurs．＇
Mollheimer studied the inventor while he talked．Evidently the old，old desire of man for iresh worlds to conquee was in Havard． Earth was mastered－every nook and cramy of it liad succumbed to the searchings of is civilisation that was fast becoming lored with itself．
Even as the German stadied Havard，so Mary sturlied Mollheimer．She tried to find out why she did not like him，but could not． The dislike was purely instinctive．

Havard rose ana gazed out of the window to where，in the distance across the fields，he could see the dim shape of the space ship， surronnded by the massive framework which was to assist it into the void．

The faint light from a crescent Moon illuminated the scene，and all was wrapped in a pervading silence．But Havard knew that nearloy were four armed guards．He was taking no chances with the dreaded souyenir hunters．

Disinterestedly，he glanced up at the Moon．Clouds were creeping up from the horizon，ready to nverwhelm it．

Mollheimer rose and yawned．
＂I feel like retiring，if you do not mind，＂ he said．

Jacques looked at his guest．＂Yes，do，if you are tired．

Silently the German left the room．
＂I think I＇ll go to bed，too，＂said Mary， ＂I want to be ready early to meet the guests．＂

## All right．Good－night，Mary．＂

Good－night，Jacques．
Long after the girl lind gone，Jacques stood gazing at the ship and the long，gleam－ ing rails up which she would glide，until at last the threatening shadows reached the Moon，and the outer world was wrapped in darkness．Then he turned away，
＂Four more days，＂he whispered to a gratesque little idoi that grinned and winked at him from a comer of the window recess．

直＂PROGRESSIA＂GOES UP

II was four days later，and gathered to－ gether under the roof of the Havards were some of the most distinguished scientists the world has ever known．
The house resounded to the soft masic of France ${ }^{2}$ s most famons dance band，playing it the farewell party．
Jacques was dividing his attention alternately between Garstang and the reporter for The World News．Occasionally he would look at the clock．．．Mary was daucing，． $\mathrm{M}_{\text {altheimer si }}$

## alone，watching her dance．

She danced beautifully，he noticed．He dare not ask her for a dance，for he was afraid of being snubbed－he could sense her dislike of him．Now she was dancing with Raymer，the American．

Yes，it was a gathering of notables，Moll－ heimer thought to himself，his mind taking another trend．He picked out his fellow－ voyagers．
Jacques，the king－pin of the whole affair， on whom all their lives would depend in the ensuing weeks．Garstang，the famous Ameri－ can astronomer，who had dashed from America to go on this journey．
America was well represented，Garstang， Mary and the Raymer pair－Martin and Doris，brother and sister，both of whom had spent years building their space ship（though neither was yet thirty），only to meet with bankruptcy when the ship was half－complete．
In the far corner of the room，alone，stood Henri，the man who had worked with Jacques for the last eight years．Before that he had worked in the Lynn Engineering Company，the biggest engineering firm in France，and prior to that he had helped Motier．Though now almost sixty years of age，he carvied himself like a young man．
That completed the ship＇s staff，with the exception of himself．He，Mollheimer，was to act as recorder on this expedition．He was fimmous the world over for his intrepid explorations of the last outposts．
was said that he could stand any amount of heat．
Sardonic people，who knew his reputation， called him＂The Devil．＂It was a name of which he was proud．He was never more pleased than when someone thus named him to his face．
The hands of the elock crept inexorably round．Havard＇s glances at it became more frequert，Fimally he looked at it，then aignalled to the conductor，

The wail of the dance music died to silence，Then the crashing finsle of the ＂New World Symphony．＂
Picture the soeme at that quiet litule vil－ lage of Rondiac，in Southern France－the scene at the field from which the flight was to take place．
Swaying multitades of people which threatened to break the fence which had been erected to keep them back，and who shat－ tered the silence by the singing of old ballads；the space，ship gleaming silvery， with the name Progressuit in large letters across its side；the large iramework which surrounded it，and the loug，shining rails with their upward turn at the end；the hage are lamps shedding their rays over all；and， lastly，the little group of figures which com－ prised the chief actons in the drams which was now being umrolled．

Havard，quiet and unemotional，save for the glean in his eyes which hinted at sup－ pressed excitement；Henri，the old Frencin－ mum who was not known by any other name， and who had no other interest in life than the machine，save，perhaps，a fondness for his master；Garstang，the Americian astro－ nomer，betraying a slightly nervous excite－ ment；Mollheimer，sarave and smiling，and obviously unaffectel by the preparations for departure，even though within the next thirty mimutes he might be dead；Mary，looking wonderingly at Henri，for whom she fad

## A Madman Found in the Space Ship

suddeuly conceived on aversion: Martio Raymer, quiet and business-like; bis sister, Daris, laughing and talking like a child going on holiday; and the others who stood having a final word with them before they departed.
The signal for time was at last given, and ore by one the party of seven entered the slip. The others dropped back to the safetyline ns the doors were closed.

Threo minutes passed-an eternity of time to the watching multitudes. The world was hushed, waiting. . . A hysterical woman screamed. . . . The tense crowd relaxed.
Suddenly a wail was heard-a thin note that rose to a piercing crescendo of sound as the ship commenced to glide slowly along the rails. With a gasp of expectation the crowd leaned forward.

Faster. . . . Faster. . . . Now it had reached the top of the incline. . . . Simultaneously the staceato sound of the exploding roekets was heard.

Steadily, but with ever-increasing speed. the machine rose into the air to become but a speck and then to disappear from sight.

A roar burst from the crowd, a cry of acclamation. Noisily they left, the arc lights died out, and all wat darkness, and silence.

Silence, save for the yells and curses of one man who staggered dilong the road and shook his fist impotently at the sky.
If was Henri, and yet Hemri was in the slip with the others. . .

## * THE JOURNEY THROUGH SPACE

THIIS is the official statement written out by Mollheimer, recorder to the exedition:
Ou leaving the Earth, I, for one, was much astonished by the speed we soon picked up. We lad expected a tervible feeling as wo fought against the Earth's gravitation. The pressure became awiul, and I conld barely raise my head to loak at the speedometer in front of which Havard sat, as if carved out of stone.

Already the gange registered 24,000 miles per hour! As I watched, it steadily increased to 25,000 miles par hour. The space ship seemed as if it were being turn apart. The nietal groaned and ereaked with the immense strain antil 1 thought it nould burst and flatten out, then drop to Earth again,
Suddenly the peessure eased, and was gone, I do not suppose that the matfer had laken a few moments to occar, but it had seemed an eternity. With a great sensation of rehef the orushing feeling passed, to be succeeded by lassitude. With the departure of pressure, the pointer of the esange had leapt forward to 30,000 miles per hous!

But even as I looked, Havard threw over a lever, and the sound of the rockets died out. Gradually, very gradnally, the speed diminished. The panting of hearts was audible with the silencing of the rockets-I do noi doubt that my own was beuting fast at the tame.
I think that Raymer was the first to stlempt to rise and walk about. His absurd appearanee as he floundered about the room caused me to he shaken out of my calm, and laugh londly and beartily. This so surprised Mary that she tumed fearfill eyes on me, as if she thuught I was doing something desperate.
It was then 1 noticed the silence of Heuri. The pallor of his face showed that all was not well with him. I had slent five years in stse study of Anatomy, so I went across to bim to see what was wrong. It was the strain that bad affected him.

Got me some water," I cried to Mary, who was watelaing closely.
She frought me a small jugful, and I bathed Henri's face. Then a strange thing occurred. His moustache washed off! My eselamation aftracted the attention of Heverd, aud he came and looked.

That is not Henri! " he cried in aston ishment

Then who is it ":" I anked.
No one sonswered this, but the ginl Mary turned a look of understanding in Havard.
The man who was not Henfi opened his eyes.

Are we on the joumey? "o he asked.
We are," I replied. "Who are yon?
The man laughed wildy.
I have done it: You could not fool me I am Motier:

Motier!"
Yes. That is my name, Deubtless you Lave heard of me." He turned his head to Havard. "Sa you are the man who late made a ship which is to travel throught space? Foul: Fool:

Why am I a fool? " usked Havard.
A iond for attempting io travel to Mars: Do you not know the distance? Compared with the distance to Mars, the distance to the Moon is nothing !

Yes, but there is no life on the Moon." Life! What do you want with life? What is life? Nothing! A uriage:

Where is Henri?" asked Havard, angtily. "What have you done with him?"

Your friend is quite safe." Motier chnckled. "I left him tied up in a harn. He will be free now, and no doubt carsing at his lost opportunity
Havard turned away. He condr see that if was no was arguing vith thats man
I asked Moties: ${ }^{\circ}$ What do yor Mink there if on the Moon?

Strange things!" he whispered. knowingly; " strange things, and gold:
Gold! The word leapl from his lips with the full propulsion of inward excitement behind it. Gold. . . . I looked at the others.
"What makes you think that there is gold in the Moon?"' I asked Motier:

Fool I I frow ! I have studied the Moon long enongh, age, even when I was in that place where they locked me and told no that I was insane! I know there is gold in it! "

I tumed to Hayard, whe was busy making calcolations.
"Havard. is there gyld on the Moon?"
"How should I know?" lie aried.
I was at a loss now, Suddenly an exclamation frem the girl stantled me. Faymer had slid the Doreflimm ranels from the windors in the rear, and louking through them, we could see the Eirth blackly silhoueftel against the Sum. At first it was a thim line, thent the rays illuminated the ship ant made the artificial light seem as nathing in comparison.

But what a feeding it caused in the pit of my stomach. We were out in ubillarted space, in a small would of our own, with nothing solid beneath ona feet! Each move ment was arkward, and several loose things were drifting alsout the flow.
The davaling light of the Sun whs almost unteamble, so Baymer closed the shaters. Even is he did so, Havard openel the front ones, and almost before us lay the Moon, in glorions splendotr.

The Monn!" cried Motiex. "Tinm the ship from Mars!

Impossible!' said Havard, coldly. ${ }^{\circ}$ This journey is colsulated out, and there can be no turning aside! That would mena disuster."
"Do you think that I lave just cone from an elementary school? Do not try to fool me! I have built a ship like thia. I know the you con steer it. What ahout the rockets? If you fire them at one side. you eould turn the ship round, if need be !

Havard was silent I thought of possibilities. Would any of them back mo up if I sngrested turning to the Moon? Motier would for ore. But he would not be fit to have control of the ship. I looked at the others. Garstang, perhaps: No. He was silent, gasing out af the stars and planets ho was seeing clearly for the first time.
Feluctantly I abandoned the project. Aud so we slid on through the vast gulfs of
space, monotonous waking period after waking period, with the sileece of death aroand IIs and the insecurity that is only felt in space.

At ane time alone the monotony was hroken by our passing through a shoal of mefeorites whicil threatened to erash out litile world to fragments.

It was a velief when we were fimally throngh them. The things will ever be i mennce to space travel
To velieve the dull monotony which wo had anticipaded, we had taken a lol of books to read, and we also played cauds. Thas we contrived to while away the tedions time.

Until at last the Red World began to loom close beneath ns, and our speed increased 1.4 we encontered its gravitational pull. Tha planel grew closer, filling the entire viserplate with its bolk. Everything loose hiad now come to a standstill on what had been the front end of the ship. We ourselves wore pulled to tata part, and had to cling to the ruils.

Havard threw his weight against a lever. Came a sudden roar trom the front of the ship, and oar speed slackenod considerably Anotirer lever pulled, and arather row of rockets whined tis they were released. Event as they left the ship there vame a violen! crash, and we pitched head over heels on ton of each other smidst a pilo of wreckage.

I just soticed the exploding of the light bulb as something lit it in that fleoting moment, and then all was darkness, and for the time I knew no more. The journey had ended.

## DREAD SNAKES OF MARS

MOLLHETMER continues Dis מavia tive :
When I regovered consciouspess I foind myself lying with my feet to the front end of the ship.

Next to toe lay Garstang, still unconscious. The others seemed in a similar predicament to myself. All except Havawh, who was above us, reaching to a valve at the side.
Those around ma who were awake, I noticed, were holding their heads in a way wlich saggested a bad headache. Instantly I realised that I had a bad headuche, and that it was rapidly gettirig worse.

A sibilant bissing filled the ship, und I looked again at Havard. Arr was either entering or leaving.

With 4 ery Havard tumed to 1 s .
"Pure air!" he shouted.
Trae enough, it was. Now we could feel it हैweeping over us in waves. Like magic, my heradawhe lifled.
Havard commenced miscrewing the doarJooks.
*Jubt a тuinute," I gusped. "Es that safe? Tre do not know what there is ta contend with on Mars.

Havard nodded, and gave his attention to the view-plates which adjoined the door. The rear ones, which were now directly oxerhead. had so fax given us illomination. Apparently Havard had opened them when he recovered conscionsuess.

I joined Havard at the view-plates on the side, and we gazed out on an uninspiring Vista of red sand. Not a vign of life visible anywhere.
"Are we moing out?" I asked Havard. He nodled.
"Yes, but we will arm ourselves first."
The others had all by now recovered, and were gazing ont at the sand. Havard sapyplited all the men except Motien with rifles, and to the fwo women he gave revolvers.
Bifles rendy, we opened the doors, and dropped out one by one on to Martian soilsoil that po Earthman had stepped ou before.
It was a silent world we entered. Pain was falling gently, rain that dried almost as soon as it touched ground.

How lively we felt! After being cocped

## Strange Wonders of the Red World

up in the gpuce strip all that time it was a tejeci to disembarle. $I$ stock was in store for is: bowzver.
"Eock! "H screamed Mary.
Wtider the glare of a cold setting sum n Ginsors object was creeping towazds us. Its appearance was sotmething similas to that of i) centipede, save for the fact that it was about efght fert long and more swake-like. It was the most repolsive thing that I have ever seen. As far as 1 can remember it had trielve legs.
But at the time I did not feel like studying what manaer of cerature it was. the thing was too close for comfort. Its jaws were already beginning to smap as if in anticipation of a fenst. As it moved the sand rustled, and in it was left a track snoh as a snail makes.

The Raymer girl taised her revolver and fred point-blank at its head. It did not even have time to yell before it died, assmoing the thing could yell. We had no meaus of ascertaining.
Havard and Raymer went forward to is vestigate the body, but I cannot say that I was particularly interested in it,
Instead, I looked to see if there were any more of the things about. But all was still and silent under the cold sky.

Then I paid more attention to car sarroundings. We were on the verge of a desert which stretched interminably into the disthace. On our other side was a very high ferest-a dense army of giant trees that were lifger than any on Earth. The strange thing about thiem was their colou-the Jeaves were like copper.
Burated with the rees was a pearline Tethosib-frown undergrowth-sickly-looking steff.

## A sterdy drumoming made itself heard,

 Thidt nore of us could define, For a while T- stood listeming, At intervals we could bear a distant ery of "Las-eeh! Laa-ech!"${ }^{-1}$ Quick! cried Ruywer: "Back into Ever an an spole I save the fhings xpocadber frog the woote The ireal arains of Mars! Hurrimity ne sormbied ienc the ship.
Sast the drocr the Elip waford re burm reate thrm And the shoom of twilight lay ever the wocid.

Brivently with the setting of the Sun a nind had sprang up, for we could see the sand eddying and lifting in places. Or was It some form of life that was raising itself from hiberuation under the sand? We conld not tell, for the shades of might swept the worid, and we conld no longer see anyzhing, Dot atren the smakes.

Havard stumbled round in the dark, seeking a bulb to replace the broken one. It zess more pleasant when he at last succeeded in finding one,

With the gleam of it the things romed the shif dispersed. We opened all the viewplates and were able to see a fair distance aroand as. Overhead the sky was liberally sprinkled with star-dust. All the oid fnmiliar constellations had gone, umrecognisalth from this world.
A ivilliant, though small object appeazed above the horizon. "Deimos!" ersed Garstang, rushing to the ncarest view plate. I 7mm nio astronomer, bat his remark intereated the.
"What is Deimes ?" I asked.
"One of the two satellitiss of Mars," be repilid. "Deirros and Phobos are the two moons of Mars."
"Where is Phobos ? "
"Il las not yet risen." "Cun you tell by them where we ture on "Yes, and more than that. But look!" he cried, pointing through the opposite windows.
A brilliant object was rising, and rising fest, too,

Is that Phobes?" I asked.
Yis." answerei Garstang. "Deimas


There was a sudden concussion under the sund, and the ship gave a convulsive leap, then levelled amid a spray of disturbed sand. Its prosition was hardly ideal even then, but it would have to do. We made ourselves as comfortable as possible, with the exception of Garstang, who was preparing himself for at evening's star gaving.

Havarl switched off the light, and silence enfolded the ship, broken onfy by the snores of Motior and the ocrasional movergents of Garstang.
Occupied with thoughts of this strange world into which we bad ventared, it was a long time before I conid sleep. Even when I did so, I was hameded by bightmares in which the Martian snakes pirsued us over an eudless desert.

## $\star$ MAN-EATING FLOWERS

MOLLHETMER'S stopy contimucs : When I awoke the Martian dawn was breakitg.

Garstang had fallen asleep, his telescope on the floor beside him. The others still slept, I did not know if the girls wero awake, for they occupied a different section of the ship, of course.

I diessed leisurely, and then looked out of the windows. It struck me afterwards as birmage that I did nut look out of the windows before dressing. I rubbed my eyes to make sure that I was not dreaming. The entire desert seemed to be alive and moving:

Indeed, it ceas alive and moving! Even as I watched, and the sun rose higher, I saw things coming up out of the sand.

Inagine my excitament as I waited to see what they were! I furned and called to the others, and they, 100 , nubbed sleepy eyes and staved.

I wate conscious of a noise outside, but could not define what it was, so I opened the door-locks, first making sure that no snakes wete near. I flung the dorms wide open, and instantly the air was full of a strange rustliug.

At first I was puzzied as to its canase, then I moticed that the things coming up from the fround were responsible for it. I bent to look at one near lyy, and saw that it was as plant.

The whole plain was undergoing a start. ling change. Buds unfolded and reached ligher. The plants were of the same coppery hise, which was evidently the primary colour of Mars.

I furued round to speak to the others, and Fonnd that the women had come out, and Mary Lammene stood behind me. She looked As Fresh as a moruing rose, and my interest in Mars waned as I gazed at hes: My look she retaraed icily. Certainly she did not give me much encouragerneat My repatation thust liave peached her ears.

I devided to have a walk round the ship. It was smprising how fresh I felt. That was dae, no doubt, to the smsiler gravitation on Mars. The air was intensely rarefied, too, It was like being very high in the mountains, auly I had seen no mountains on Mars yet.

1 slimbed on to the top of the ship, and Ifom that vantage point surveyed the world. But there was not much more to be seen from theve. I could see that the desert still seemed to be limitless.

Then something caught my eye, a slenm that bespoke the presence of water, and that, was what we wanted it we were to stay any lerigth of time.

Hiavard called out: "See anything ?"
"Pass me the glasses," I said. " Theve is something."

Havard vanished, to reappear a Fioment leter with the glasses.

Been through the glasses, I could make out a wine expanse of water.

## "Water!" I eried.

"Good!" replied Harard, and vame serumbling ny the side of the ship.

I noticed Garstang bad come out. "Did you got our position" "I asked him.
He nodded. "Yes. I should say that we ate ubont five humdred and fifty miles from the equator. We are 10 degrees away from it, and I work it out to that distance in males."
"Well, bow about exploring : ${ }^{\prime 3}$ asked Havard.

Yea," agreed Rayaner. "But someone will have to remain behind to guard the ship."
${ }^{\text {s }}$ I will remaiu behind," said Gamstang.
At Jength it was decided to lave Garstang and Doris Raymer in clarge of the ship. I would not have minded sfaving belind in Gistang's place to kepp her company, but I could sce that her brother would not have agseed to that.
Havard did not want the other girl to ger pithers bot she had a will of her own it was givious to me that she was head over heels in love with " her Jacques," but I do not tiande that he reciprocated the aflections.
Na one seemed to bother mincti about Shbler. whio was browsing around on bis I sigualled to Hacava. "Is he going wilk No. I think that it wauld he better to lsave him here."

These tlangs," sitid Rrymer, medding ab
the plants, "are troing fo be a naisance if they grow muetr higher,"
Half an hour later we Were rendy. Nlotien would not hear of remaining behind. For a start we decided to lead for the water. We intended to gather some in a hottie and take it baek for a test in the ship.

It was not long before we reached the water and found it was a hage pond, the farther side of which we could not see. Din ove side, to its very edge, stretched the jungle, ald on the opposite side stretched ths plais covered with Sast-gmening vegetation.
As we were examining the surface of the water for insect life a tertible screaming broke out. We jumped in alarm, and looked up.
High over our heads circied a linge bird of great siza and ugliness. Aghin it screamed, a devilish seceara, sind came swooping down towards us. By common thought we all fired together, and with os splash the monstrous thing fell into the lake.
An extraodinary quick change on the part of the vegetation drey one attention. The phants had begen to fower vith lange orange. coloured blossoms. They were glorious, and we stood watching for some time, ontil at strange smell logat to pervade the atmosphere.

It is impossible to describe the odonr, as it was like nothing on Earth. Evidently the Anwers were respolisithle, so we narde ow was into the jungle, slightly diazy:

The interar of the jaugle was very gloomy, hint we found walking was exsiey fhan it had been on the plain.

We entered the forest with some trepidstion, for even the bravest woald have had somas fas at venturing into an unknows ferest in un unknown world.

A faint whisper came from somewhere, as if something was moving in its sleep.
And yet not a breath of air stirred.
Some bushes clamed our attention, and awoke in us a ravenous hunger. They were covered with a fruit which pessombled an orange, but more gorgeous, filler, more luscious-looking than an orange.
Without a word Motier spang forwayd and seized one. Before we had divined his intentiom he had his teeth it it, hiting in is very frengy of avidit,.
Havard tove it out of biz hamd. "You foa!!" he cried, "They might be Motior said nothing. He just stood looking at Havard. Tham be laughed woirdly.
"Poison! Are they heil! " he cried.
That prosaic exclamation made me laugh, and soon the wirde conpuany of us were laughing. There was something enceediugly furiny about Motier's appearance-something very grotesque. He tore another fruit off the free and commenced eating that.
Oh! But the sensation of standing there watching him eat that Iuscious fruit, with The ravenous paiges of fomger teaving at mes: It. was too mach, and I seized one.
The oftioes followed my example, and for a short while wo munched in silence. Then the pecnliar belaviour of Motier cansed me to stop eating, and so did Hayaral. Motier was cocking on his lieels.
I had $n$ sensation of extreme Sight-headedness and an insanc desire to langh at the top of my voice. A realisation of our peril came 10 me , and I cried: "Stop! They are ietoxicating !
The others looked at each ofler, then thiew down the fratit.
"You nre right," Havard said.
Raymer, I naticed, was heginning to look a bit foolish, and Motier started lataghing.
"Quiet!" cried Havard. "Do you want, all the inhabitants of this world after as?" Are there at lot?" asked Motier, and sareamed with laughter. There was nothing we wootd do bat gag him, and this we did.
"If ever Mars is colonised by the Earth," remarked Hivvard, "this finit will be a great danger.
So we left the toubes with their poisonous
froit behind and marched on through the jungle.

This new world was full of wonders. There seamed to be all sorts of conceivable and inconceivable plant life growing-a vast and fabudand varicty. Gue species had a great blood-red fruit growing on each bramel -frnit that was as large as a feotball.
The gact of the forest which we were now entering seemed to be devoted almost en tirely to this type of plant. It wats these plants that were the ctase of the strange mistiag that we had lrend- the fruib rustled within itself.

Doom !
Like is miribature explosion one of the things lrurst and fong a thonsand seeds fat and wile. Some of the seeds hit ns, and they stung like insects. This wats alarming, for if any hit us in the eyes we would be blinded.

We maide haste to leave that part of the ferest. Quite often the things bust around us, and all the time the air was foll of that strange rustling.
It became increasingly evident that it was getting late is the Martion day, and we decided to go back to the ship. It was as we reached this decision that we came to yet B new kind of plant life.

We had seen nothimg of the smakes all day. for which we were thankful. And now, as we were civcling back, subtly, the character of the forest lugan to efrange. The trees thimed out a bit and it was rather lighter. (1) the near distance we could sen a vivid potch of rrimson and kold. We ventured Hearer, and found they were flowers. My heart beat with excilement, for the things Ewayed phythmically, and there was not it liveath of air! Then I realised the imporsible - the alosard truth.

The flowers were doucing to music! of all the weird thimgs we had so far ancountered on this strange planet, sarely this was the weirdest :
The nearest approach of Earth to this music we heard vias the Eotian hayp. We realised then that the plants themsetves were making the noise, chanting and swaying in unison? In the middle of a note they haited, as if they had herrd something.
Holding our breath, we wont nesper, and th: beads of the flowers leaned towards us, A sidkly-sweet smell-40t milike shlorotiorm -exhated from them. Itren knew that we might be making a fatal erron.
"Back! " I cried
We leapt hack, but the things semened to gtow and to follow as. Motier, who was stil! very strpid as a result of the fruit he had onten, moved but slowly.

A flower attached itself to his $\mathrm{leg}_{\mathrm{z}}$ and with a bowl he fell. We stopped and attacked the thing, which had seized him. hacking desperately. In a moment we wern fighting talf a dozen or more of the plants, and Motier was being drawn back. We fonght ficreely, for the day was fast passing
Havard gasped: "We camot save Motier. Try to get free yourselves!"
One of the flowers secured a exip on my leg, pressing itself against it and drawing blood. I hit it vicionsly with my rifle, but the tenduil was tough, ant the weapon slid oñ.

The pain was terrific, but I tore my leg from its grip, leaving $a$ piece of skin on the flower's centre.

I looked at the others, and found them standing breathless ont of reach. Motier was silent, a hundred flowers devouring him, :Whter they had drazged bim into the midale of the flower-patels.
The foiled flowers from which we had made our escape hastily retracted their sisuoun stems and fongh with the others over the borly of Motiez. At least, they seemed to he flyhting.

Macy stood with her hands rovering her eyes. She could not beas to look at the ghastly sight.
A sense of incongraity struck ree; a serse, uay, a belief that bll this was very silly aad

## Men and Women Lost on Mars

Impossible; that the whole aflair was nothing but a dream and that 1 shonid waken to find mayself in the space ship. But it was no dream; it was stark peality and bigh time that wo were out of this forest. With a look It the others I led the way, and soos wo were crashing blindly thoongh the jungle. lackily in the right direction, and we nevet halted ontil we were outside.
Then-we puased aghast. The phants had long sitce passed their flowering, and were seattering theiy seeds. The whole plain was covered with a tangled mass of regetation; a coninsed jumble of dyiug and dead plants. Their stems were falling as they finished seeding.
About a hundeed yards away lay the space hhip, and never royguce at last in sight of bome was mome pleased than we were when we saw the ship.


We vannot do anythang unti! to-morrow, replied Hayard, pointing at the sinking sur.
Mary indicateal the daucing flanes, creeping nearer.

At thes sight of that, we were galvanised Thto activity: The nest ten or fifteen btinutes we speut tearing up the pharits, and throwing thein as far as we could. The air gies sery bot as the flames crept nearer But by the time they reaclied us we had cleared a larke tract all roand the ship. We eateresi it and fastened the dooss as the smoke edidied round us.
Soor it was impossitule to see out for the smoke For about twenty minutes this lasted, then a wiad secwed to spring ap, for the stmake whirled violently, and finally was blow a away
The dead azhes on the ground were swept

So we armed and equipped ourselves ready for a few days stay, if necessary.

It was decided to lease no one in charge of the ship; vur party was too small to divile up again. We would lack the ship.

This we did, and eventaally we set oft un the trait of the missing ones. I was a bit puzzied is to wirere the snakes had gone, but I guersed that they must be nocturnal in their habits, and sleep doring the day.

We struck the cail the fistant we entexen the forest. for there was no mistalring the meaning of the arushed uidergrowth. Aftee following the rail for about half a mile, Te got our first glimpse of a Martiam.

It did not surpise us that there shonld be Martians, because it was obvious that some intelligence liad captured sme componions, and we expected that inteligence to walls of two legs and look something like a man.
But the thing we now looked upon was like a man, yet at the same time it was a grotesque fravesty of one.

Froagite the thing we saw. If hat no berd. that it: foody wois in two parts, the opper of which was shiglily stalles than tiec lower part. In the mpper part were a pair of eres set very distans from each other $\rightarrow$ monst तhere a ngan's cars are.

Attachesl to the lower part of the hody were two legs, very thin and spidery. Jusb alove these weve a couple of $\rightarrow$ stmm is the only word that will deseribe them. They vere not anms. In length they were about a font, and at the ends were split into two parts, lustead of hands there were just these tivo divisions, similar to the ctams of a crab.
Leaving death and destruction behind, the last space ship left the earth and vanished
into the void.
And that wap the thing that faced os, the while if emitted a noise like "Ghu-
Eine maile a move to seize it, but instantly it divined our intention and sped amvir. I caninot say that it raat of walked-the thing did neilher. It just. " hopperl." There is no other way of desgribing the paculiar side-ways movement these Martians pate, and the queer leap that accompaned each moges. 1 imagitie thats the ctason it ran sideways was for it to enable rision both before and behind.

The path we had Heen follawing now turued into a beaten track, and rather cautiously we went down this, our riffes ready. Presently we

Across the waste we traruped, but nevec a sound I rom our groal reached u*; no gresting at sight of our relum.
Fiot a smell of baming flled the air, and is The Ilstance floated a blue haze of smoke.

This stuff is burnuig! * ${ }^{*}$ Hied Harame
"What about When it reaches the slipi ? We slall the supothereil sith the hoat of il.

We will clear a spece so that it carmot aporowh hear ethugh." answered Raywer. That is about all that we caa do."
We reached the ship, which somehors bad the appearance of an empty house,

I cangot imderstand it." Havard said. "They olagit to have seen us by now," Then we knew that somelling had happened in our absence, fos all around the ship trere marks of a struggle. Thes dooss swatg graing open, eloquent of a hasty deporture. Insile were signs of a hurried seruch and seheral 13 inga were missing. Our minds were fllelf rith a fear of the death of Doris Raymer aild Garstang- I stele is glanco at ter limbler. His ficee was vory white.
roand in a vortex, and finally the setting sun shone on a riesert wbich had ne sign of life on it.

Tired ont [yy ous Edvemtares, we soot fell aslecp. Ail escopt Baymer, whes was lonking out of the window every time that I zwoko dunng the night. Frow the noises butside I guessed that the shakes had mome back, but I did nat zzounle to look.

## * CAPTURED BY THE MARTLANS

MOLDHEIME it gees on with his report: The next moming founal as all up ind nbout at sumise, tugged by a womied Rayome to shate the sfaych.

Methodically we planned onr route. First, wa would make for the forest at its nearest point to thes ship. It was obvions that they woulde be in the ferest, whether they were aliee or alead. It was the only place they conld thain ginc to of been taken 10 .
saw mora of the Martians looking beiveen
ifie trees at us. It was stramge to feel that the trees at us. It was strauge to feel that atien intelligence watehing, and I woudered exactly wisut find of wengons they had.
Abrundly we came to an open space, and I was filled with a sence of approaching dianger, bat coold sce notioing to cause it. Then, while we were eressing this clemring, a brilliant light played over us. Came a devastating roar is with appalling suddennebs an electric storm burst over os.

A Wack Inae swepl the sky, yellow sealding rain begar to fall, growing heavier and Leaviee it volusue.

White streaks of lightning senud our sight, and we humied for the compsative shelter of the trees.

It +uppears as if we m; bit have to stay oin Mars, said Havaral.

Why? : I rasked.
If this lightange towlics the ahmp.
Oh. It is not lightring moof, then?

- No, Darofiuma cannot be mado tightning-prool."


## The Fight with the Martian Devils

As alruptly as it had slavted, the storm ceased. The tumult died away, and the sky trightened. At the same time the Mantianis rushed towards us, too many to fight. It was a surprise attack, and the whole thing was over in a cupple of minutes.
They picked us up and carried us away their claws mipping into aur flesh. I jnist hed time to citch a glimpse of Raymer lying on the ground, very still and silent.
As we were carried, the sound of drums heing beaten came louder and touder. The journey continued for a long time, and it was a relief when our eaptors dumped us down. I thought that we were at the end of our journey, but I was wrong. Our captors pointed to the mouth of a cave and motioned is to enter,
Having no choice, we did as we were bidden, and entered the dark eqforing. Goaded by the pincles and prods of the Martiants, we were forted to costinue along this tumel. The foint light from the entrance alied out, and we proceeded in total darliness.
Apparently the Martians had the faculty of seeing in the dark, or they were so used to the tirimel that they needed no light, for they kept as moving at a fair speed.

Bat everything ends, and we at length entered a large cave, which was fainty illurininated by what seemed to be a phosphorescent light.
In the centre of this onve was a pit, and it was from here that the light seemerl 20 cmanate. I looked over the edge, curions, even though my uext moment might be my ust.
It was so deep that I crould not see the hottom, but from it rose that plow of light. A horrible smell rose trom it also, and, panseated, I turned away.
Our jontrey was not yet ended, for once argain our captors urged us to enother cave which led in the opposite direction. A dim light pervaded this tunnel along which we were now forced.
"Concealed lighting," whispered Havard.
The tunnal began to assume large proportions, and suddenly we were in a great liall. The walls shimmered with a strange iridescence.
With the pressing of a hidden switch by me of the Martians, a door slid open in one wall, and the light died out of it. That gave me the idea that the light was electrienl, and when the door was opened the contant was broken. I was begrning to have a respect for the Martians, They were certainly very clever.
We were ushered through this wall, and I took note of its thickness. It was fully three feet thick. The door had entirely disappeared.
Then the room we entered claimed my attention. It had an area of about thirty feet, while it rose to an unascertainable height. I judged that there was some optical illusion about the height; one could not tell where the walls ended and the ceiling began.

All the walls of this room glowed with the concealed lighting extept for the one through which we had just passed. The Whrtians closed the door, and the wall instantly sprung into light,
It struck me that there was not much Ahance of escapiug - the extinguishing of tho light wonld intorm the Martians, even if we krew the position of the switches. I looked at the other Martians who were in this room-the ones who were not our captors.
There were seven of them, and they were seated on a kind of raised dais st one end of the room. Caimly they surveyed us. Our captors were talking to them now - evidently it was speech that passed between themand this resulted in two of our captors geng out.
As they were going, some more Martians entered, carrying our guns. I fell under my armpit and was thankial for the presence of 2ny small revolver.

The seven held out their claws for the
siffes, and each one began to examine them orefully. What I expocted happrened. One fited, and a wall was plunged moto darkness as the bullet hit it.
The sudden noise eauscd the Martians to scromm with feas, and I noticed that they fandled the gans very careially now-su carefully that they put them down and studied them from a distance. Perplexed, they gazed at the blank wall.
My irend of thought was broken off by the entance of the two Martians with Doris Faymer and Garstang. I was nstonished that they weve still alive. The others greeted them enthusiastically,
I stole a look at the Martians again. They were watcling as intently, and comversing in low tones. It the finish of the conversation they came to some deeision, for the ones who had captmed ns took as through another door,
We were hed and followed into another room, and then the Martians went out, leaving us to our thoughts. Tliey were not too cheerful, though we had something to be thankful for, and that is the firet flat we are still olive.
And here I am, writing this, hough I do not think that it will be read by anyme as I do not expect any of us will get away, If we do, I shall rewrite this more satisinetorily,
Here Aollheimer's surrative comes to an end.

## * THE FLIGHT FROM THE RED WORLD

RAYMER opened bis eyes, aware of a vague diseomfort in his back. It irriiated him, sa he tarned over, and berame comscious of his surroundings.
The Martian forest! It was a moment or two before recollection came. He looked at the object whielt had prodded his buck, and was relioved to see that it was a riffe. A glance assured him that it was loaded, and he rose, feeling rather hropier.
Evidently be had heen snocked out and then left for dead. His friends had disuppeared, the noticed. He fell an intolerable black rage against the Martians, and followed the cmslied undergrowth to where it joined the path.
On he went, lack guiding him the night way, and morder in his heart. And so at length he came to the cave entrance, It was very dark inside, but to a man filled with a lust to kill that was notling,

Undistarbed, he cane to the pit, and reeled dizzily as the rank, vile smell from it reached him.
The illominated passage opposite inevit. ably drew his attention, and he entered it, The noise of approachiug Martians came towards bim, and, filled with a savage and exaltant glee, he geipped his rifle, Suddenly he met them. He just fired one shat, a shoot that boomed and echoed from the walls, and ricocheted from one side to the other, and then lie had swang his rille round, and was elubhing his way through the Martians.
Utuder that despretate altack the creatures fell like ninepias, and in a moment be was alone, with the dead at his feet.
Exaltant, he continued his career until he in tum reached the passage end. And so it was that he came upon his friends, with two Martians guarding them.

The startfed Martians had barely time to turn around before their brains strewed the floor.
"Come!" cried Raymer. "The way is clear!
The others, sumprised at this apparition which had burst पpon them, followed as he turned to go. They passed through the illominated passage, and into the cave of the pit. And it was there that the big fight toak place.

I would like to tell of this as an epic; of a saga of brave deeds; and invest the Fanthmen with glorious characters; and tell is
story of bare fista against weapons. But it hehoves me to tell the tutis. When they reached the cave of the pit further pregress was blocked by a moib of Martians. ImimeNately the place was a mellece of fighting bodies.
Mollheimer, with parted lips, lought hike a fiend. To Mary he looked the personification of the devil. The twa ginls stood by the wall. with the men in a semi-circle tound them. And ever the Martians tecmed out of the pessages, and dicd. . . It was cibvions to the Eartimen that they could never get oat, at least, not by thie way they had entered.

Havard called out above the tumalt: Foliow me!
The others watched, and saw him dive for the entramee to another tumnet, and they ceassed fighting to follow.
The way was surprisingly clear of Martians, which led the travellers to believe that it was a blind alley. But on it went until the exhausted travellers could havdly walk, and, in a cave that gleamed with phosphorescent light, they taited.
"Where is Garstanc? " panted Raymer.
To Mary came a thought of the pit, a vision of a man falling down, and screaming as he fell.
"I an certain that he was with us coning along this passage, " said Mownimer:
"It will be night outside," Havare remarked presently. "We shall have to stay hete matil dawn.
'How shall we know when it is dawn? ' asked Raymer.
"We shall be able to form some idea.
There was silence for a while, the party listening for the footsteps of Garstang, footsteps that were silent.

Someone will have to guard while the others sleep," Havard said. "Well, let no do two-hour turns," Raymer suggested.
"We can judge two hours near enougle."
"That is right," Mollheimer agreed
I will do the first two hours, if you wish.

## The others nodded

"A Awaken me next," Havard reqnested.
"I will," answered Mollheimer, taking ont his pipe, and filling it from a very-depleted tolaceco poinh. "I wish they grew tobacco here," he addied.
Ao one answered. The others were already fulling asleep.
Mollheimer hammed soflly a few luars of "Liebestraum" while he gazed at the slepping form of Mary.
A sudden noise clistractod his attention from her, and soundiessly he arose, and hanted round the cave.
Havard awoke, and qubled his eyes. The next moment he sal up, and lopked abont him. Who was on gaud? Where was Mollheimer? A gleam of light from nloft. drew his attention. He felt convinced that it was daylight. Quiekly he awoke the olhers.

Where is Msllteimer?" asked Faymer. " 1 do not know," roplied Havard. "He sbouid have awakened me after two hours, but he never did so,"
" We cannot go searching for him, nor Garstang either If the Martians have got them, they will certainly kill them this time."
Havard said: "Listen, here they come." There was the noise of approacling Martians.
"But we cannot leave them in the lurch," protested Raymer.

No, of course not.
But do you not realise that Mollheimer las taken the only rife, leaving os unarmed? We shall havo to arm ourselves before we can do anything."
Ravmer nodded.
: We carmot risk fighting with the giels with as," Havard continued, "and now wo shall have to elimis up there,"
Raymer looked up. "Is it possible?" he asked.
"It will have to be, for the Martians are coming.

# Ideas that Mean Money. Turn to Page 365 

*. Why not bake that passage up there? If We follow it, we may eventually reach the surface."

All right. We will try it. But 1 wonder where Mollheimer is?

Raymer took a last look round the enve, and bent to piok something up from the flow.
"Mollheimer's notefook," he said.
The Marlinis were close now, sis without wasting any more time the party began cfinling the psth.
"A good sign," whispered Raymer, "that we mist lie getting nearer the surface. It is steep."

Higber they climbed, and at last the daylight burst upon them. They found themselves in the jungle. Bat what cansed them the most joy was the spmearance of the pond, the identical one which they had first visited.

I wonder if Mollheimer went back to look for Garstang?" suggested Mary.

No, I hardly think that he would have dime so withont informing $\mathrm{as}_{2}$ " remarked Havard.
"Well, what do you thisk has happened to him?"

That something drew his attention, and he went to see what it was.'

Perhaps be is lost somewhere in the passages.
"Or perlans the Martians lape bim."
The girl shivered. "That will meato death."
"Tes. I am afraid that it will."
Now they were in sight of the space ship. Appigarently it had not been tampered with.

At least, we bave the ship lefl," remanked Kaymes

Hat first digty is to sym ourselves aril frup oar orxpantons," sadi Hayard. "Bot We slall have to eat something, ge
He pusued. The doors of the stip were grent With a fook at the others he crept foraray and looked into the ship. But is sigu of life grerted him.
Hargrd went in and scrutinised the ship resefolly. Thio uthers enteved, and he turned ia abien.

We lave a very inteligent race to figes सtainst." is wrong, Jacques?" asked the girl

## Onc riflea bave heen takers"

Angthimg elee? ?
Ne. At lrast, I do not think so. But cait a arisute" He frent and looked in the large suphtant where the food for the journey tras stored. The stock was det. iteted. Somenpe bad taker food from it.

Paymer," whispered the inventor, "it is Booltiful if we hate foent enough to last the refmer jounney."

## What:

1 dould if we have enougly for forr. Certainly hat eqough for five or stx.

Whach means someone will have to stay

## Ju=t. 30 .

Wlsat do you suggest we do? "
What I soggest savorurs of desertion of our comrades, but I siê no other way.

Yon mean that we should return at once 10. Esrth?"

Yes,"
But....
Listen. What cari we da to help those ¡wo? We have no weapons, and we haven't. mach food, Irue, we can eat some of the fruit of Mars, but we might only poison ourselves with it. The only way is for as to leave the planet.

And then tome Fack agais?"
Of course. That is, assuming we reach Earth safedy.
The athers were silent. Outside the ship whis a sudden noise. "Qrick:" cried Havard to Raymer: "close the doors

Paymier did as he was diectad, sliding the honls into placy. Havard slid open the viewplate ly the door. Outside stood a group of Mortians rlamouring to get into the ship.

Harard went to fle controls, and next дrsment the crowd of Martians wero startled

Can it be DONE?
Ideas for Inventors


Lingleam is such a figste to bay. Imagioe of yout cauld buy it byy the gallon and "t spread" it on the floor where it would dry hard. It it were possible it would meet with instant success. Here is another fdeq that awalts an inventor. On puge 365 we tell you how you can turn YOUR ideas Into cash.
by tho explosion of rolsets and stattered in ail direntions.
The shap gave a violent faxch, Tons a iew yayds, then feil agaiu. Once nowe there was is commotion, and the ship mored shout.

Ther with a tervific raar it shot into the ait, leaving a gricat mass of chavning samd, and departed whence it had come. The world of Mers was silent. .

## * THE WORLD GOES MAD

MOST of my renders will be unable to limagine the conditions whids provailed Earth ut the close of its terrible Twenticth Century,

War was an evel-present danger-no nonts. try coold agree with the others. The werld was divided into commllass sections, each with a different Govermment and each with differgut laws.
And these laws were as if made to lireak. Conruptian and bribery were evident every where. Thase who should have been upholders of the law were paid lange sums of money by the law-breakers so that they would not interfere with the activities of the law-Wreakers.

There gradually crepst into life a sense of panik-a find seose of sureality Mobs stormed palaces and thrones fell to dust. In vain did a startled minerity endenvour to contrel the people and prevent the disorgatisation which was just but starting.

A madman gave notice to the Government of Great Britain that if They did not arkrow letfge hitas is the supreme viler of their countiy he would blow the largest rily in Britain off the thay. The Government iguoted lim.

Trise to his word, half London was shat-t-red by a powerfal and anknown explosive. Militions perished.
Again earne the warning. The Government took no notices though threatened by an angry populace.

Bimminghav was half erased. Then coremenced a great cvacuation from the largest cities by their frantic inlmbitants. A reward of tem thousund poumily was offered for the capture of the lonatic, but no one dabmed

A third city was wrecked. Civil war broke out between the perple amb there rulers. Aifer fifteen days of awfol blondsleet, the Govermment-resigmed, and the lamalit was informed of the conntry's suthmissiot.
Trimmphanty he carne ant into the oper, sind reveaded himself as Marchett, a fannas scientist.

For tiso days he ruled as mprecodenten and unerowned King of Britain, then he died suddenty and harribly. . . . His secret explosive died with him.

BHind unreasoming patic swept the cuantry, and with sougs of War on their lips neighbear fought neighbour,

## The Colonisation of the Red World

France, mbuad with a lusi for power, Ueciared war on fle disorganised England, and was in turn attacked by a vengef of Germany.
India, ever smouldering under- foreign rule, burst into a flame of rebellion.

Japan continued its age-long war with the neighbouring country of China. Russia and. America joined the combat.
Some atom of reason came to the leaders, and for a while there was a calm, But underneath the exterion calm smouldered a lust to kill.
It was into this strange world that Havard's space ship from Mars dropped. . .
It missed France and fell to Earth in the vicinity of the ruined city of London, The dazed thavellers emerged, unable to credit what they saw. But from the sullen people that crowiled round the dead city like vultures they could learn nothing. If was when they went to the city of Burmingham which was re-axising out of the ashes that they learnt something of what had occurred.

So, haviny learnt all, Havard decided to return to Dlars on the ehance of saving Garstaug ind Mollheimer.

And ever as they worked, the world seethed tike a hotbed of imiquity until at last it dawned on Havard that the world was on the verge of Acmageddon-on the edge of the last war.
And what after that ? The final crashing of civilisation was coming-the return to barbarianism. Once again would evolution hive to make the upward climb.

And to other great men on the Farth came the vision of the cresling of everything. And they wondered, Tlken they read the reports of Havard regarding the planet Mars, and wondered again.
And so, by devious ways, these great men came lo a decision, a decision that led them to Birmingham. This resulted in a conference in the new Govermment Buildings in the city, and a gatheriug of famous men took place.

Amongst thera were present Lemuto, famous Japanese scientist-the Lemuto whose


BE TALLER!


Raports of Ross Pupils.


## S. E. MALCOLM ROSS; SGARBOROUGH: ENGILAND.

tame will go down history to the end of time; H. P. Rothwell, famous English novelisi, whose fiction of the future has been shomra practically to become fact; Reemaque, French savant: Carmelli, Itahan scientist; Ambruse, American philosopher; and other famous men ton numevous to name.

Gentemen," Havard began, "it is obvions that civilisation is breaking down. The Earth is like the top of a volcano. Nothing can avert the crash which is coming. In three years, at the most, civilisation will be wiped ont. I will go even further and say that all humanity will be wiped out! Poison in the air you breathe, poison in your food, poison everywhere! Poison, pestilence, and famine will desolate the world!

And what can wa do to stop it ? Nothing! It is as inevitable as death, and as tangible as life! There is only one answer to the viddle of continuation of life, gentle: mell, and I know that answer.

Oar neighbotr in the skies-Mars! There alone can we perpetuate existence. I have been to Mars, and I know that it is fit for habitation. It is ready for all who have the nerve to go. It is the new land, and there we can found a new civilisation-a new. world!

Gentlemen, what a prospect it is ! Think of it! The colonisation of Mars! The answer to the riddle of continuation of life is Mars, once known as the planet of war

Then let us commenme building factories in every country; then let us huild space ships in every country; let us seud them from every country

Let is build at once before it is too late, and take all who will go! With exceptions, of course. In the words of Robert Service, as applied to Mars : 'Send not your wieak and your feeble, send me your etrony and your sane."
There was silence for a minute after Havard bad conshded his speech; then a roar of applause.
Amid riotous scenes and general acclamation, the "Mars Colonisation Company" was floated, with a capital of $£ 14,000,000$.

## * DESTRUCTION OF THE EARTH

SIX mouths paissed aw3y, and sixty space Sthips, built to the same design as the fist, bot larger, bad already left the Earth. Each ship was capable of carrying forty p : ssengers.
The name "Mars" was on every person's lips, in the music-halls "gags" were cracked about Mars in between patriotic tommy-rot.

It was thus, while the ships were being hastily built, that the final war began.
It started with a small quarel between two small European States, but it was enough to set the whole world ablaze from end to end.
France joined the battle, to be followed by Germany, and very soon all the other European Powers were fighting. Japan stole Honolula from Amevica, aud the Americans forgot their smatler differences and allied ngainst their common enemy.

In many countries the rulers blew up the space ship factorios, and in others immigration to Mars was punishable by death if the offenders were caught attempting it.
And so we hear the end of cevilisation on Earth, and find the last outpost-the last place of departure for space ships on Earth.
Here the last ships were leaving, one by one vanishing into space. Here, in the coldness of Scothand in winter, Havard was at work. He would not leave before the end, he wanted to see that all his friends were able to depait from Earth.

It was at this time, when the Jast two space ships were ready for depactare, that there came to the last lew fugilives who had not loft Earth the news of the plague bat had broken out.
It commenced in India, and spread through
the neaxby countries with great rapidity, and next it was in Europe. It was a disease born on the battlefields where the dead lay rotting -a disease similar to the Bubonic Plague.

- The last two space ships left Earth together as the plague reached and ravaged Britain. Leaving death and desolation behind. the ships vanished into the void.

Ir is a tragie story that now has to be recorded, and one which is mainly conjecture.

The last two slips that left Earth were in radio communication for some time, and the communications between the two ships, 903 and 904, give the facts of the case.

903 made the usnal enquiry as to whether ail was well on board 904, which was Havard's ship.

904 answered : "One of the men is ill."
903 : "Can you diagnose the illness?
904: "No, there is no dector on the ship."
903: "What are the symptoms?"
904 : "The eyes wre red and sore. Man has difficulty in swallowing, and breath smells hormble.

903 : "Fire more rockets and make all haste to reach Mars. Man has plague,'
904: "In which case it would be better for us not to go to Mars, or we may take plague."

903: "We think you cannot do other but head for Mars. It is sheer suicide to do anything else."

The beit development took place the following day when 904 reported:" Two mors ill with plague and first man seems to be dying."
903: "Have you as mach speed on as you can stand?

904: "We do not intend to gis to Mars now,"
903: "Then what do you intend doing?"
The only answer received was a laugh. The final message came the following day, very faint: "Thirty ate ill."
903: "Where are you heading for now?" 904: "We seem to be going directly towards the sun, but our speed is falling fast. The, gauge registers only 10,000 miles per hour.

## 903: "Can you not fire move rockets?

904: "Only the rockets on one side, that side which will force us on to the path to Mars again. The others have all been fred."
903 : "Fire what you have, and make a last effort to reach Mars."

Bnt 903 had henvd the last message from 904. The most general assumption was that Havard let the ship continne its headlong flight to the Sun.

It is certain he never came to Mars ; he preferred to dib rather than take the plague to that world.

And Mary? What were her thoughts as she stood by the side of her loved one on the ship, agreeing with his decision not to go to Mars.

Perhaps in those last few days she would tell him of her fove for him, and ask him it he, too, eared.

What I have to add is in the nature of an epilogne. It is sixteen years since Mars was colonised by the Earth; sixteen years of adaptation.

Three thonsand only were saved from the fate that overtook those who remained on Earth, but our population is now eight thonsand, despite wars with the Martians and the snakes.

Oif conrse, six thousand of these are young people under sixteen years old, hut they bre very strong and healthy for their age.
Of Garstang ant Mollheimer not it Ward has reached us. Whether the Martians bave killed then or whether they are prisoners is not known. There has been too minch to do in this world for as to seek them.

And so I pen these last lew words in the shade of a cogper-coloured tree half-way up the slope of Havard hill. I look to the top and salate that figure which has been erected to keep him in our minds for ever.

