

## M Factory 431

### Chapter 431: Incomplete World No. 1

The International Energy Organization sets the standard for measuring whether a country has the ability to manufacture nuclear weapons, and it depends on whether this country can produce high gas centrifuge.

Standing in front of this square, nearly three-story-high, with only silvery-white metallic color equipment, Ye Qing's gaze had never left the centrifuge protection cover, two centrifugal platforms with a diameter of over two meters.

Even if we wouldn't watch at its 50,000 turns and looking around in the world, there were few factories that could make the platform of this centrifuge of two meters in diameter; the surface height error was no more than nanometers. The surface roughness was one-third of that of mobile-phone glass on the market, and it also illuminated people than mirrors.

Inside the centrifugal platform, there was also an electric heating function that kept the surface temperature of the platform at 7 degrees to ensure the glass melts had a softening temperature. At 7 degrees, the metal platform did not produce thermal deformation. This was another thing, allowing metal materials to be used. Oh what a shame on the black technology of soil drilling.

With this centrifugal, the surface of the glass is not greater than that of the tin of the mirror. The glass produced by the machine is no different from ordinary glass to the naked eye, but the picture rendering effect will be clearly distinguished from ordinary cell phone glass.

To produce traditional float glass with density and granularity of the tin liquid relatively large, the surface roughness of the glass floating on the upper layer will not be higher than that of the tin liquid. With this centrifugal, the thickness of the glass is not greater than that of the tin of the mirror and the glass produced by the machine is no different from ordinary glass to the naked eye, but the picture rendering effect will be clearly distinguished from ordinary cell phone glass.

Hearing Ye Qing's order, Master Qiao turned on the preheating switch of the centrifuge. Metals expert, when the platform temperature reached seven hundred degrees, the glass melt in the crucible was slightly tight with special equipment and placed in the center of the centrifuge table. The protective cover was closed, and the rotating platform above it slowly lowers at the moment when it touched the molten glass, it stopped descending.

The upper platform would gently press the glass and rotate together to prevent the centrifugal force from throwing the glass away. At the same time, the platform would follow with an imperceptible degree while rotating. The glass that was thinned by the centrifugal force would descend synchronously so that the thickness of the glass would be controlled to 0.1 mm or thinner.

"Om~"

Ye Qing could not see the two centrifugal platforms rotating through the glass of the protective cover. He just felt fixed on the ground like there was a 500-kilometer high-speed train passing by. The roar of the machinery violently roared, and the air was violently agitated. This feeling was both wonderful and

shocking. The upper and lower rotating platforms seemed to be motionless. But its rotation was already twenty-five times that of an ordinary car when it was running.

Bugatti Veyron EB 16.4?!

If you use this platform as a car to run, with sparks and lightning all the way, fighter jets will be unable to catch up.

One minute later, the violently roaring centrifuge slowly stopped running. The top workbench raised and the protective cover opened automatically.

Ye Qing, who was covering his ears, hurried forward, and then something amazing happened. The molten glass on the bottom workbench had disappeared, and there was no glass on the workbench and it was brighter than the mirror. If it hadn't been in a high-temperature state, Ye Qing would definitely touch it with his hands.

"There is glass on it." Master Qiao gave a successful smile: "Boss, that layer of glass is too transparent, you can't see it."

After speaking, Master Qiao used a special tray that had already been made and gently inserted it into the centrifuge platform. At this time, Ye Qing could refract the light from the shaking of the glass and vaguely saw a thin glass-like layer.

"Without fragmentation, we succeeded." He couldn't believe the experiment would be successful in one go.

Edison used electric bulbs to experiment with more than 2,000 methods. It took four years for the computer to transition from a tube to a transistor. The Monster Factory challenged the world's thinnest mobile-phone glass, and it only took one week to prepare.

Waiting patiently for this thin mobile phone display glass to cool down, Ye Qing put on laboratory gloves and gently squeezed this piece, so that the glass at its edge could only be blurred by the naked eye. It had only the thickness of a banknote and had to be the kind of brand, new banknote that just came out of the banknote printing factory.

"With a two-meter diameter circle, he flashed a flashlight along the corner he held up so that this piece of glass display glass could reflect less clearly in the air.

"Beautiful and perfect."

Then he dropped the bright flashlight and measured the thickness with an electronic caliper.

"Just right 0.1 mm."

It was produced according to the black technology drawings; the thickness of the final dream display is only 0.1 mm.

If other materials were used instead of glass, it could be made thinner, even thinner than silk, and could be rolled up at will. He did not use backlight means to make the display transparent. Of course, this did not have a commercial use-value. The screen with extremely poor hardness could easily draw nails' marks. And after two days of playing, the display would be damaged.

If you can produce flexible glass, you can use the same technology and different material formulations to produce flexible substrates attached to organic diodes.

"Cut into 5.5 inches and test the performance of the glass." Ye Qing gently put down the thin piece of glass with the most gentle movement, a little excited: "Organic diode coatings should also be produced quickly. We will not study mass production. The method is to produce a dream display as soon as possible...Then tomorrow..."

The Master Craftsman took the tray and went to the non-standard product workshop on the ground, and Ye Qing had followed him along to the non-standard product workshop. Qiao had placed the tray on the rare-quality laser cutting machine and set the power and cutting size.

The incandescent laser line thinner than silk had traversed this thin glass, and it was cut into nine standard glass in less than ten seconds. The rest was reserved for future use. While the Master Craftsman was testing the glass, an Electronic Messenger also began disassembling a cell phone.

It was a group of Master Craftsmen who ran to open a cell phone repair shop to make all the competitors lose their jobs. With a carving knife and a heating air gun, they could dismantle a mobile phone faster than a bear kid dismantles building blocks.

Using rubber tweezers, the master craftsman gently had picked up a 5.5-inch thin glass, placed it on the compression tester, and tested it at the same time with a piece of ordinary display glass just removed from the mobile phone.

The two glasses have been positioned, and the pressure table slowly had applied pressure to the two glasses at the same time.

At 0.2 MPa. Both pieces of glass were bent.

At 0.5 MPa. The bending amplitude of the thin glass was obviously larger than that of the ordinary mobile phone display glass.

When it was added to 0.8 megapascals, without warning, the thin glass cracked into snowflakes with a "click~."

Ye Qing's heart instantly cooled, because the glass of the ordinary mobile phone next to him was intact.

The test continued, and when it reached 2.5 MPa, the ordinary cell phone glass cracked. Test results showed its compressive strength was three times that of the world's first thinnest display glass that has just been released.

Although the display glass was only the inner screen, there was a layer of outer screen glass for protection. But when the data was three times worse, it was difficult to ensure the internal screen would not be damaged when the mobile phone is accidentally dropped.

A mobile phone whose internal screen shatters quickly is simply an inferior product.

After the tensile test, the strength of ordinary mobile phone display glass was twice that of thin glass.

In the bending resistance test, the thin glass was more than twice as good as ordinary glass.

After the Electronic Messenger replaced an Apple 7p's display glass with this kind of thin glass, Ye Qing had picked up the 7p and threw it to the ground. After the bang, he picked up the screen and found that the inner screen was unbroken. He tried again from a two-meter high position with the screen facing down. After the heart-wrenching impact, the internal and external screens of this phone were all broken.

"Unqualified." Ye Qing rubbed his face. As expected, the number one in the world is not so easy to get, especially when manufacturing non-metal products that are not very good.

"Boss, we can use vapor deposition on both sides of the glass to plate a nano-level diamond coating to increase the strength of the glass."

The Master Metal Expert who had made flexible glass materials with high-purity quartz himself stepped forward and said with confidence: "Diamond itself is transparent, and the coating does not affect the light transmittance of the glass."

"Just doing this, the cost will be much higher. The diamond is a diamond. Thin glass is transformed into nano-diamond coated glass, so the cost is more than doubled?"

"The cost of this kind of glass is not high. Mass production will flatten the cost. Moreover, ours is a tall diamond-coated glass, which is more expensive of course." Ye Qing became happy and asked Qiao to dismantle another mobile phone.

He forgot he was in a bad mood just now. Now he wants to look at ordinary mobile-phone displays. After changing the thin glass, would the color of the picture be improved?

#### **Chapter 432: What mobile phones do consumers like?**

At present, the best brand of the mobile phone screen is Samsung, and it is also the leader of Android phones. Even the 7p introduced by Apple cannot match Samsung's flagship product in terms of screen effects. Of course, this product has been recalled and discontinued due to major design defects, which has a fatal impact on Samsung's subsequent product sales.

Now in Ye Qing's hand, it is an Apple 7p that has replaced the thin inner glass. The replacement of the inner screen should be done in a dust-free studio. The air environment here is also very good. It is a high-clean workshop and barely makes a living. He took out the 7p for personal use, woken up the screen together, opened the colorful landscape pictures, and compared them.

He didn't need to be too careful to distinguish it. He had replaced it with a thinner glass with fewer internal blemishes, and the picture rendering effect was more delicate and brighter than the one that he used for himself. Although the difference was not large, the difference between the screens would be ignored if he looked at the two phones for a while.

But this was only the difference caused by replacing a piece of glass. When all the parts that affect the picture quality are replaced with more advanced products, the picture would inevitably usher in quality improvement.

It was already ten o'clock in the evening, and Ye Qing didn't feel tired after a busy day organizing the monsters to overcome the diamond coating technology of flexible glass.

Vapor deposition method.

This is a tall technology that has just been explored and mastered in China. This technology is divided into a chemical gas phase and physical gas phase. If Monster Heavy Factory wants to coat diamonds on glass, it must first vaporize the diamonds by physical means.

When water is heated, water vapor is generated. When the water vapor condenses, it will be reduced to water again.

Can metals be vaporized?

Yes, the melting point of iron is more than 1,500 degrees, and the boiling point is more than 2,700 degrees. If the temperature exceeds the boiling point, iron will gradually become gas. If these gases can fall on the glass, then the glass will be coated with an iron film.

The principle is this principle, and there are still many technical difficulties in implementation.

And can diamonds be vaporized?

Diamond is the hardest object in the world; its boiling point is as high as 4,200 degrees.

Like steelmaking, heating and vaporizing diamonds is simply impossible. It is necessary to find another way, using unconventional cutting-edge technology to heat and vaporize diamonds. For example, the very crude and simple technique currently which is used is in Monster Factory.

Direct and rare-quality solid high-power laser cutting machines were waiting, and the four were installed together to create a high-temperature resistant vacuum container. The four laser generators were connected into the container, and the high-temperature laser beam was aimed at the diamond. Not to mention the high temperature of the laser, it was enough to vaporize the diamond.

Diamond has the physical properties of a high refractive index. The laser can pass through the surface, refract and concentrate inside the diamond, generating more intense high temperatures and vaporizing the diamond in a shorter time.

Discussing the best production plan, Ye Qing returned to the office contentedly, used a satellite phone to call General Mopu who had just sent an envoy to give gifts yesterday. Things were so ingenious. Yesterday, General Mopu's subordinate came to him with a local mineral list and had let him pick whatever they wanted. Today, Ye Qing took a fancy to the most precious diamond mine in their hands.

Synthetic diamonds cannot be used for vapor deposition coatings, because synthetic diamonds have a mixed composition and do not maintain a single crystal characteristic like natural diamonds.

If Ye Qing wanted to use the characteristics of natural diamonds, the cost would be more expensive than synthetic diamonds, and it will take time. So, he found it was better off purchasing high-purity transparent diamonds for processing. Before making this call, he used a mathematical formula to calculate the account.

A glass screen is deposited with a five-nanometer thick diamond film on the front and back by vapor deposition, was only needs a diamond weight of 500 micrograms.

What is this concept?

One gram of diamonds can be plated with two thousand pieces of glass. A gram of rough diamond, regardless of shape, is only a thousand Yuan and it only costs 50 fens to spread it flat on the glass. Really expensive is the processing fee. When the four high-energy solid-state lasers are turned on, the electric meter rushes like Ferrari, and it costs millions of Yuan a day. There are also equipment costs.

It was five o'clock in the afternoon in Nigeria, and the satellite phone was connected in less than ten seconds.

"Haha~ my most distinguished partner, it is my honor to receive your call." General Mopu smiled as if he had picked up a gold ingot: "My logistics officer has reported the cooperation plan to me, Mr. Ye, among those gifts, you have to find something good, just tell me, and I will help you collect it."

Not to mention that Ye Qing was too busy to not forget, and before going to bed, he would wipe the forehead's skin with the queen's treasure bottle and try it.

Of course, Ye Qing was going to ask him for the diamond mine, so he asked, "General Mopu, how many grams of transparent and color-free diamonds can your diamond mine produce every day?"

"High-quality diamonds could be produced about at 70 grams per day. However, there are few large diamonds with high value, mostly broken diamonds."

"Who are these diamonds sold to?"

"It's my subordinates to take care of it. They are escorted to the capital city and sell them to the jewelry agents who collect diamonds there for a long time." General Mopu smiled bitterly: "In my place, except for Mr. Ye's courage, how can other businessmen dare to come and buy diamonds?"

General Mopu asked: "Is there 4c certification?"

Ye Qing shook his head: "I need natural diamonds for industrial production. Without 4c certification, I cannot purchase them through formal channels."

The evil capitalists who monopolize the diamond market issue a certificate and they must clearly mark the price and calculate the money by weight.

"Let's do it like this. The money for the certificate will be added to the diamond. If you have not signed a long-term supply contract with the jewelers, sell all the high-quality broken diamonds to me. Every other week, I will send someone to the airport city to pick up the goods."

"No problem, no problem." General Mopu quickly agreed.

After continuing to talk for a while, agreeing on the price, and answering a lot of General Mopu's questions about mining, Ye Qing hung up. He had no sleepiness at the moment and had simply adjusted the mechanical engineering chair to the window direction, lying on the chair comfortably, looking at the dark night sky outside the window.

Dream displays will be available soon. But what kind of mobile phone did he go to make?

Mobile phones are currently the most mainstream electronic technology equipment and are also the world's largest electronic consumer market. A total of 1.3 billion mobile phones were produced worldwide last year, and this number will continue for a long time. Assuming that a mobile phone sells

for an average of 2,000 Yuan, the mobile phone market that year will as high as 2.6 trillion. Such an amazing consumer market will naturally attract those technology companies to fight desperately. Among them, Apple is the most successful.

How successful is it?

In the global mobile phone market, 90 % of profits go to Apple. Of course, this is not to say that Apple is allocated 90 % of the 2.6 trillion Yuan. Mobile phones also have a cost, but Apple's mobile phones are too competitive. Others make a mobile phone and only dare to make a profit of 100 Yuan in order to compete. Apple dares to make three thousand Yuan, and the product is still in short supply.

If Ye Qing wanted to enter in this most fiercely competitive market, it was not enough to rely on dream displays. He should do a technological change as amazing as the dream display in order to quickly gain a place in the market. This is what troubles Ye Qing.

What kind of mobile phones do consumers like? In other words, what kind of technological changes can attract consumers?

At present, he can only affirm that the mobile phone shell produced by Monster Heavy Industry is unmatched in the world.

### **Chapter 433: Self-recommended**

The Caohejing Development Zone of Shanghai City is one of the development zones with the most intensive technology industry in Shanghai. There are four major industries: microelectronics, optoelectronics, computer machine software, and new materials.

LanTuo Electronics Technology Company is located in this development zone.

Shenzhen LanTuo Electronics was established 19 years ago. At that time, China was still in the era of electronic technology products that lag behind Europe and the United States. Anyone who wanted to possess a Motorola or Nokia in the waist could be stared at for a long time.

Starting from the earliest production of learning machines, LanTuo Electronics quickly followed the rapid development of China's electronic technology industry. In 2004, the company officially entered the mobile phone manufacturing industry.

At that time, a hundred companies in the domestic mobile phone market flourished, including Amoi, Bird, Capital, Kejian, and Panda. These domestic brands once defeated Nokia and Motorola, occupying the top spot in domestic mobile-phone sales. The Bird mobile phone was a fighter on the mobile phones. At that time, it was thought that the domestic mobile phone completely broke out and challenged the golden age of foreign brands.

LanTuo Electronics was considered the second-generation company to enter the mobile phone market. With a model that imitated the Nokia 1100 and added a color screen, with a lower price, the LanTuo mobile phone had set a record of 50,000 units in a single month.

Unfortunately, five years later, foreign brand mobile phones have entered an earth-shaking development stage, and various new technologies have sprung up. So, Amoi fell, and Bird the country's top seller fell precipitously.

LanTuo mobile phone was also very popular among students because it focused on low-end brands and adds cameras and a variety of beautiful casings to its mobile phones. At the same time, the owner Tao Jian focused on Southeast Asia, avoiding the bloody domestic market, and was able to maintain substantial profitability even when domestic independent brands were in mourning.

At that time, Tao Jian had an infinite beauty, and India and Thailand had made even more brilliant sales results.

The good times didn't last long. Starting in 2009, Smartphone began to spread slowly. HTC's first android device, in the year 2010, Apple launched the defying Apple 4. Now let alone domestic mobile phone brands, even those foreign mobile phone giants have to cry with their sheets. They had simply believed Smartphone will only take up half of the country. As a result, even the sweeping aunts now have one in hand, and it was a joy to grab red boxes.

After nearly 20 years of hard work, in the last fight, the equipment was upgraded to a Smartphone assembly line. As a result, the replacement of Smartphone is faster, so fast that Tao Jian couldn't grasp the context of the market.

"Dad, if the factory doesn't sell, what these workers do here?" A young man with glasses, who looked gentle, standing in the neat electronics production workshop, asked Tao Liang anxiously: "Furthermore, this factory was your lifetime at the start, and you sent me to study in the United States to study advanced technology is not it, I had just studied the new technology, and when I got my degree certificate, you told me you will sell the factory?"

"Workers have severance pay. Those who are willing to go to Zhongshan to continue working, they are also recruited there. They have the craftsmanship in them and don't worry about finding a job. I told the old guys that the factory was about to sell, and they even said I was lucky because I had found even a company that was willing to take rely." Tao Jian, who rarely changed suit, patted his son on the shoulder: "Times have changed. My dream of revitalizing China's manufacturing industry has been realized by others."

"Although we are still far behind in electronic technology, China still has everything that should be. Unlike twenty years ago, even a mobile phone screen could be unmade. But now the mobile-phone industry has solidified which company. Would you like to buy us?"

Tao Liang pushed his glasses, puzzled, and said: "Even HTC has fallen, which company is willing to buy our factory with equipment but no technology."

"It's not a technology company, and it's a traditional heavy industrial company." Tao Jian looked around him: "It's Monster Heavy Industries. They will come over to inspect the factory and legal documents for the last time at eight o'clock... That piece of glass. I haven't wiped it clean yet. I'll wipe it."

"The Monster Heavy Industries, I've heard of their names in the United States. The ionization purifiers they produce can't be bought in the United States. But why the machinery and equipment company buying a mobile-phone factory? Did they want to refurbish the production line and sell it to others?"

"Dad, you won't sell the factory at a low price, do you? We still owe a bank loan of 100 million Yuan and tens of millions of business partners." Tao Liang hurried to catch up.



"All the technical materials and license certificates are packaged together. Of course, they want to make a mobile phone." Tao Jian carefully wiped the glass of the device with a towel and said with emotion: "The negotiated price is 350 million. This price is not a cheap sale. After repaying the bank loan and the money from our business partners, we still have 200 million Yuan left. I have worked hard for 20 years and saved 200 million Yuan in cash. I will not fail. This may be the best ending."

Tao Liang looked at the group just now. A brand-new mobile-phone production line that has been maintained, and his father who is over 50 years old. From its heyday, the family's assets of nearly 500 million have shrunk to 200 million today. Tao Liang didn't feel much lost in his heart. It's just the factory will be sold, and his father's goal is gone. His dream seemed to disappear all at once. Wasn't the reason for studying hard and studying in the United States just to be able to carry the technical backbone of the factory?

A little confused, he stood in place at a loss. Just as he didn't understand why the Monster Heavy Industry was interested in making mobile phones, now that the factory would be sold, he didn't know what to do.

At eight o'clock in the morning, two Mercedes-Benz S 600s and one minibus had driven into the factory gate of LanTuo Electronics. The owner Tao Jian, together with several managements welcomed the arrival of Monster Heavy Industries at the door.

Zhongshan and Shanghai are not far away, Tao Jian had long heard of the name of Monster Heavy Industry. It was not until the doors of the cars were opened that Tao Jian, who did not expect to see young people of the same age as his son came out of the cars.

He had also dealt with them several times before, during asset appraisal and preliminary talks. But today is different. Today is the day when the contract will be signed, and several responsible persons have been sent by Monster Heavy Industry. Without time to think about it, Tao Jian and his management quickly stepped forward to greet those familiar managers.

After introducing each other, Tao Jian brought his son Tao Liang over again. When introducing him, he was full of pride: "This is a dog, just returned from studying in the United States."

Tao Liang was suddenly turned red, what age is it now? And also his father continued to call him Dogzi... He couldn't say anything on this occasion, so he had to bite the bullet and shake hands with these young managers one by one. Unexpectedly, these young managers showed some sympathy.

Kong Tao also patted him on the shoulder and whispered: "My dad says the same when he introduces me. It's good to be used to it."

Just such a small move made Tao Liang feel he and they have a common language. The subsequent process also had confirmed Tao Liang's views.

There is no sluggishness, nor any politeness between the old slickers in the mall.

After a cup of tea, these managers took the team and began to check the assembly line, review all the documents of the factory, and the financial status. They had reviewed the status of the factory once before, and this time they mainly reviewed the financial aspects.

The review lasted until two o'clock in the afternoon, and Tao Liang was a little idle on his side. After graduating from college, he went studying in the United States for five years. The day before yesterday, he heard that his father was going to sell the factory and rushed back. So he didn't know the financial situation of the factory in recent years. This occasion also gave him plenty of time to observe the factory state with the team sent by Monster Heavy Industries.

This company, Tao Liang, even in the United States, has heard of its name: "Can you take the liberty to say, do you really plan to make mobile phones when you buy a mobile-phone factory?" Tao Liang couldn't help but wonder and asked the manager who had said a few words.

"A branch of Monster Heavy Industry Company wants to build a mobile phone. It will be very strange if anyone changes it." Kong Tao smiled, with good confidence hidden in his smile: "We gave the Monster Heavy Industry the positioning of technology industrial company."

"Mechanics and electronics, these two are not parallel lines."

Kong Tao pointed to his back: "For example, the equipment in this factory, which is used to produce mobile-phones and the equipment the technical content of the mobile phone, determines the quality of the mobile phone."

"We have the core technology of mechanical processing technology and are sure to make a mobile phone that others can't make."

"Does your company... still recruit employees? I don't want to go back to the United States, yes." Tao Liang, who had a confused future, suddenly had an idea to join them and build a mobile phone together: "I graduated from Tsinghua University, then studied at MIT and got a Ph.D. in electronic engineering." Tao Liang had scratched his head: "My mentor is Mr. Pi Mingcheng, a Chinese professor. Originally, my goal was to revitalize the company at home, but the company disappeared."

"....."

Kong Tao suddenly looked at him with straight eyes.

#### **Chapter 434: A successful challenge**

This young man, who seems to be only 26 or 27 years old, must have done proud research in professional academics, otherwise, he would not be able to get his doctorate so quickly in the world's best polytechnic University the MIT where more than 80 laureates had worked or studied there and received the Nobel Prize.

Even today when more and more international students choose to return to China with a Ph.D. from MIT is enough to attract the attention of large domestic companies. Fortunately, the place Tao Liang wanted to join was Monster Heavy Industries. If he wanted to change to a lesser-known company, he might be suspicious of the boss. Did he deserve the other party's plot?

At four o'clock in the afternoon, all the audit work passed. The signing ceremony was chosen in a five-star hotel, and Tao Liang also had participated in the whole process. He had a deeper impression of Monster Heavy Industries, and he had a more common language with them.

This group of teams of his age seemed to have unlimited vitality. Even after a busy day, there was a moment of relaxation after the signing, they were continuing to discuss the work of the next factory relocation. All equipment in the factory would be relocated to Shanghai.

This was originally a very cumbersome project. An assembly line in the factory involved hundreds of sets of distribution systems and an astonishing number of various pipelines. It took a full month for technicians to install and debug equipment here. But at eight o'clock in the night, hundreds of heavy trucks came in mightily. Each heavy truck was accompanied by a forklift and technicians carrying tool kits took apart the equipment overnight. Those with an astonishing number of pipelines were simply unplugged from the ports and were thrown aside.

Tao Liang asked them: "Why these pipelines were put away?" But the technician scratched his head and told him: "They are unneeded. Because they had to rearrange the production line and the original line did not meet the length and the pneumatic interface was also different from the one used by Monster Heavy Industries."

"Ok!"

Tao Liang felt that he had a preliminary understanding of the strong economic strength of Monster Heavy Industries.

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At ten o'clock in the evening, the dazzling incandescent lamp lights had up the site of the Monster Heavy Industry Building. The crane tower swang back and forth like a giant's arm and the concrete pump truck below had lifted the pump pipe to an astonishing height, continuously pumping concrete into the new floor steel structure. The workers were constantly busy, and on the negative third floor, company employees were also busy.

The goods in the south and the north of the sea needed to be packed in carts, although the sales of industrial robots have fallen severely. But the company's main ionization purifier was selling crazy. It costs 8,000 Yuan per unit, with a beautiful appearance only slightly larger than a large-screen mobile phone, and a powerful effect to clean up harmful substances deposited on the surface of the skin, letting the ionization purifier reach a terrifying sale of 300,000 units a day.

At present, only a few countries around China country had regular product imports, and a large number of countries in Europe and the United States can't buy them.

Moments of friends on Weibo. Ionization purifiers are everywhere, and my skin is getting smoother and softer. Ionization purifiers are also used everywhere. Even countless beauty salons have opened up the iconization beauty business.

Facing a family, only one ionization purifier was enough, or the problem of borrowing from each other among friends, Ye Qing adopted a cautious plan. IQIYI members could still use it with three people at the same time. Since it was a monopoly product and a crazy product for countless girls, there was no need to set up various binding functions to increase sales like a capital businessman who got into the eyes of money. Connected the big deal was that the user would unlock it next to it and hand it to a friend. He had developed a cell-binding function, right?

It was estimated that 30 million units could be sold in the single domestic market. The foreign market was still basically blank, and how could it achieve a sales volume of 50 or 60 million. Because the product itself involved human skin, some countries classify it as a medical product. And for the sake of protecting the domestic cosmetics industry, the sale of ionization purifiers had yet been unapproved. These countries were mainly European and American countries, but they had also oligarchs that dominated the world cosmetics industry.

Now energy agents in several neighboring countries had taken the initiative to get approval, allowing Ye Qing to open up the supply, but he had not agreed. But according to the size of the country, a daily supply of 5,000 to 10,000 was given. The popularity of ionization purifiers had made the entire express delivery industry in Shanghai City wake up from dreams with laughter.

This night, the express delivery companies were unable to move because three containers were driven into the civil air defense project to pull cargo. Fortunately, the packaging of the ionization purifier was about the same size as the mobile-phone box. A container logistics truck could carry tens of thousands of express items, and twenty or thirty vehicles could carry all the express items in one night. If it was a large cargo, it is estimated that there would be a traffic jam at night.

In the civil air defense project, logistics vehicles were coming in and out. And every time the drivers came, they would be surprised with emotion. Because this air defense project was originally on the first floor, it was moved to the third-floor under-ground by Monster Heavy Industries.

"Where is this?"

If we let them know, there was a secret laboratory with an area twice that of the civil air defense project, which is twice as large as the civil air defense project. If we let them know, we should be unafraid if they threw the steering wheel away. There were one hundred meters deep underground a secret laboratory?

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"The loophole has been caught. The robot must die."

Tianjin was sat on the chair, his left hand flying dexterously on the keyboard like a piano master. From a novice who didn't know anything to a platinum-level opponent, he had only taken two days. During this period, he was beaten by the robot designed by Real Eye and queued up seven times without challenging behavior.

This gaming robot could accurately calculate, the damage caused by each user and the damage caused by all Rune talents when aligning lines. His unique killing ability was invincible without field interference. Electrocrystalline also had this ability, but the computer robot directly used software to simulate mouse and keyboard operations without any delay. And Tianjin needed to manually click the keyboard and move the mouse. In addition, its hands were too small, even when operating the mini keyboard, the speed was a bit slower than the robot on the opposite side. Therefore, without catching the loopholes, with one single pick, Electrocrystalline would lose.

Since it was a robot, it lacked intelligent thinking and has a fixed program to grasp. Through this and its seven ranking observations, Tianjin had grasped the fatal loophole of this robot. The enemy could kill

the opponent before the last blow, but the opposing hero couldn't kill the enemy. When the enemy chooses to escape, there would be a crack as far as a flash allowing to kill the enemy.

The game started; deliberately letting both parties choose their heroes, the Electrocrystalline of the Ming family. When they walked to a corner where the robot would not be able to detect and can flashover, two turrets were randomly lost. Thirty seconds later, the alignment began.

Standing, Tianjin took the minion's damage first, causing his blood volume to drop to a dangerous moment. Leading its warrior to the corner next to it and continuing to stand up, suffered two general attacks, and before it died at the last moment, he prejudged in advance to flash across the wall and escape. The robot flashed over with a surprise move and then joined the turret and was ambushed by Electrocrystalline and was knocked to the ground.

The challenge was successful!

Tianjin smiled smoothly and took a screenshot by the way.

He planned to send the screenshot to the mailbox of Real Eye, but he didn't expect she had a compressed package before him.

This should be a pre-set program, the Tianjin's challenge victory, the code of this game robot would automatically be sent over.

"So, you can start the next step." Tianjin jumped off the chair and walked to the workbench.

There was an Explorer robot on the workbench, but this Explorer robot was a bit miserable. Its protective shell had been completely disassembled by him, and the chassis of the lower body was also missing.

Tianjin would transplant this code to the robot.

### **Chapter 435: The first dream display**

That is, when Tianjin began to dismantle the Explorer robot, Ye Qing also started the research and development of a new product in the Longxitan factory. The diamond-coated flexible glass, after the trial production, both its compression resistance and bending resistance had surpassed ordinary display glass. The diode substrate made of organic materials was also thrown out by the centrifuge for a small batch of diode coating materials that had also been trial-produced. He planned to trial-produce a 32-inch computer monitor and a mobile-phone monitor to revolutionize his own electronic equipment.

In the dust-free operations room, he had cut the desired glass and material substrate size with the laser machine and then used nano-scale organic diode materials to spray on the first layer of the substrate. He had used the red, one of the three primary colors, and then continued to cover a layer of the substrate.

The three primary colors, the yellow, the red, and the blue can be sprayed to form any color.

The power of the dream display was one of the nano-level diode materials.

1 nanometer is a nanomaterial. 100 nanometers are still called nanomaterials.

The principle of the dream display, expressed in a popular way, is that three kinds of coatings that emit light by themselves are combined to form a colorful dynamic picture visible to the naked eye through the changes in the brightness of the pixels and the particle size of the coating determines the fineness of the picture.

The coating currently used by Monster Heavy Industry had a particle diameter of 5 nanometers, and the top coating was formulated in strict accordance with the formula in the black technology drawings. Its material fineness was fifty to one hundred times that of ordinary nano-coating. When this material would be put in a bucket, it was clearly a solid powder, but in people's eyes, it was a liquid like water.

Whoever wanted to reach out curiously to catch it, would promise to stage a modern version of monkey fishing for the moon.

And this kind of organic diode material could only be milled out mechanically. The monsters tailored three mills, and they ground them for two days before obtaining 50 grams of nano-level diode material. Even the spraying equipment had now dismantled the five-axis machining center and changed its ultra-high precision spindle into a material spraying port.

When the five-axis spraying equipment sprayed diode material on the flexible substrate, Ye Qing, wearing a dust-free suit, could not see the material sprayed out.

This was called high-tech. Samsung and Nikon were counted as a ball?

After the three-color diode material was sprayed, a special laser hot-melting device would be fused the three substrates together and then pasted them on the back of black hole-like film material. This was the active matrix backplane of the Dream Display, which was used to control the light emission of each pixel of the diode. If you change the black material to a transparent one, the dream display would be a pure transparent display, which would be usually the same as glass.

This kind of transparent and dreamy display was very good for dazzling technology, and it was also very promising. Only used in traditional displays, the black active matrix backplane was indispensable.

Careful people would find that the more high-end mobile phones with good graphics, the darker the screen after the screen is turned off. Those gray or white screens are basically low-end phones.

Of course, the normal display turns black after shutting down because of other principles. It's not like a dream monitor, with a black active matrix backplane.

But the effect you want to express is the same. Black absorbs other light. The darker the color, the higher the contrast of the screen color. On the contrary, the screen will reflect severely, and you can't even see anything outdoors.

As the Monster Heavy Industry, the black active matrix backplane that could absorb 95% of the messy light from the outside was like a black hole, so that manufacturers, who produced displays could fly down three thousand feet in admiration. The rest was to press the glass and the capacitive touch screen and install the control chip of the active matrix backplane.

Two hours later, a number of technological breakthroughs in the dream display of Monster Heavy Industries were assembled, and the production was completed. Except for the chips inside, the materials for this dream display all came from the cooperative production of three monsters.

"Didi~"

At the moment when the dream display was completed, Ye Qing's Monster Factory mobile phone had immediately popped up a red prompt box.

"Testing..."

"Testing passed, more than 60% of the parts in the dream display are manufactured independently by the monsters."

The dream display, the perfect driver, was being created. After the production was completed, congratulations, through their own hard work, they have created the first dream display with all display technologies.

"Quickly, quickly, change the screen of my mobile phone."

Hearing the Monster Factory's announcement of the success of the product, Ye Qing couldn't wait to take out his mobile phone and threw it to the emissary. It took only ten minutes for the electronic messenger to re-place the Apple 7P with the dream display.

Taking a deep breath, Ye Qing pressed the power button.

"Huh?"

After ten seconds, he found the screen was still black. He kept pressing the switch, but after waiting for 30 seconds, the screen still did not turn on.

"It doesn't make sense, the Monster Factory has clearly announced the success of the dream display."

Ye Qing felt his excitement and was instantly poured into a pot of the minus 250 degrees liquid hydrogen, which was cold to the limit.

As he was about to let the electronic messenger disassemble and find the cause, he suddenly slapped his head. The problem should be the Apple phone.

In order to ensure that parts were not counterfeited by other factories, Apple's mobile phone had deliberately written identification codes in the chips of several main parts. If the identification code did not match, the motherboard would refuse to work. The display was also among them.

Of course, if this design was really useful, there would be a large number of merchants selling mobile phone accessories online, swearing that they were selling original products, and there will be a large number of users.

After changing the screen, Ye Qing obviously felt that the picture quality is reduced and the mosaic is serious. Using his computer to log in to the online shop, Ye Qing found a shop that looked like a small factory was selling Apple screens. He directly asked him how to crack the identification code of the Apple screen assembly.

"Haha~ dear, this is a regular store. The price is cheap. That's because my goods are parts removed from the original machine. How do I understand this technology?" The store seller responded very quickly.

"Five thousand." Ye Qing responded faster.

"Brother, I'm really a conscientious merchant who sells regular goods, why don't you add me to QQ chat?"

Ye Qing had added the friend here, and the store seller over there sent a smiley expression: "Brother, I can't hide your fiery eyes. I do understand this technology, but it's not convenient to chat on Wangwang. Are you really sure you will pay five thousand Yuan?"

Ye Qing explained everything directly with action. Some virtual products make up the difference in his shop. He shot five thousand in one breath. After the payment was completed, follow along to confirm the payment and add praise, and two minutes later, Ye Qing received the compressed file package from him. Twenty minutes later, the Electronic Messenger wrote the identification code in the chip of the dream display.

When Ye Qing had turned on the mobile-phone again, within five seconds, the phone screen lighted up quietly.

### **Chapter 436: Unparalleled Picture**

What kind of monitor can be called a dream monitor?

Even if Ye Qing was mentally prepared, he was still shocked by this dream display. This shock was coming first from the screensaver of the mobile phone.

Ye Qing's screensaver is a dynamic picture of the turquoise clouds and mist that comes with the Apple system. Usually, there was a dynamic picture of clouds and mist rolling. It might be the reason that the hardware had just been changed. This time the system popped up the icon for a few seconds.

It was just during these few seconds that he saw the blue clouds and mists that he paid attention to, and he felt alive. Between the blue clouds and fog, there was a more delicate color, and the layers were very strong, just like if he is looking through the porthole to observe the beautiful clouds and fog, not through the screen.

Then he clicked on the high-definition movie, which could give him the best experience the ability of the monitor's color. There was really no harm if there was no comparison.

In the beginning, the screen, the male protagonist who had lost the ability to walk dreamt of flying while the camera passed over the endless virgin forest and he had immediately realized what it means to be immersive.

Even with a 5-inch screen, countless leaves on the dense trees can be clearly revealed. They were full of green and distinct colors, like if this mobile phone flying above the primeval forest.

After a long cone-like spaceship floating in space appeared, he really had the illusion that this guy would fly out of the screen. He made a fast forward to the planet Pandora, he had felt this was not watching a movie at all, and there was no flatness of the two-dimensional world in the picture. This was looking at the three-dimensional world.

The three primary colors in the dream display were unpainted together. They were distributed on three substrates, separated by a distance of 1 mm. However, when presenting the picture, they produced a universe-like length of visual space.



When the 32-inch computer monitor was manufactured, he used Gigabit fiber optic to watch videos of extremely natural 4K landscapes, and the shock was even more intense. A grass, a leaf, a cloud of dust. The poetry in the picture was infinite, and the magnificent waves in the picture were also.

Precipitous and strange peaks are shrouded in mist and rain, and the waterfall is hanging down. Ye Qing experienced the most delicate picture scroll in human history, the wonderful nature closest to the real world.

Technology changes the world!

Ye Qing spent three hours, and after watching this movie, she was full of emotion, amazed by the picture quality of the dream display which reached 8K. Even when viewed with a magnifying glass, there was no mo-saic.

As for video sources on the market, 4K was already the limit, because it has surpassed the resolution of the human eye. Even if it was close to a 4K TV and could see the mosaic feeling, the TV was not strong. Simply adding image clarity, even at 8K resolution, did not make people feel immersive.

Ye Qing believed the most powerful aspect of the dream display was that it could handle it well against the sky. The two-dimensional picture lacked the three-dimensional sense and the sense of distance.

It was not an exaggeration to say that he greatly underestimated the shocking picture of the dream display. If he was equipped with VR glasses and a fantasy display, it would definitely make him confused between reality and illusion.

With this technology, mobile phones produced by Monster Factory, as long as they did not have the fatal problems of Samsung, could have a place in the market. If he added a few more innovative features and a smooth and stable system, it would definitely set off a wave of panic buying.

Traditional mobile phone viewing VR, poor resolution, and gloomy picture quality, it was difficult for people to experience the shocking viewing effect.

Good VR products on the market, such as Vision Technology, which had been cooperating with Monster Heavy Industries for a long time, were all-in-one VR glasses with built-in screens and are expensive. However, Monster Heavy Industries could save users the price of an all-in-one machine.

Of course, the price of a dream monitor was also expensive. Ye Qing had probably estimated the cost in his mind. After mass production, 5 inches would cost 500 Yuan. The cost of thirty-two inches would be two thousand, one hundred and twenty inches ten thousand.

At this price, the civilian market could fully bear it, and the next step would be to prepare for mass production.

.....

LanTuo Electronics' mobile phone production equipment was carried to Shanghai the next day. Ye Qing had permitted this equipment to be placed in the new factory building, and the monsters would be responsible for debugging.

In the morning, at the company's morning meeting, Ye Qing announced the establishment of the company's mobile-phone department. The department did not have a general manager for the time

being. A deputy manager selected between other departments and two deputy managers who came to apply for the job would jointly maintain the overall planning of the department. After the end of the first quarter, a general manager would be promoted based on ability. The Blue Sky Building could no longer engage employees out of the office space.

So, the new product development department had moved into the underground structure of the Monster Heavy Industry Building in a total of five floors of huge space, and personnel could enter and exit through the civil air defense engineering passage on the square, just like making normal commuting to a company which was unaffected by any construction site.

As soon as the shelf was set up, the company launched a talent recruitment plan for the society in the afternoon, planning to recruit a 100 person technology team.

This recruitment was also the most stringent requirement for employee qualifications in the history of Monster Heavy Industries. No diploma was required along with similar work experience and outstanding skills. No work experience was required with a high diploma and academic articles have been published in well-known scientific journals. The most ideal employees were naturally those with high education and outstanding work experience. The salary was the least worrying issue.

Not long after the recruitment plan was released, Yu Huali, the HR manager, knocked on the door happily.

"Boss, happy event, the talent you are looking for is finally available."

"What kind of talent am I looking for?" Ye Qing, who was looking at the information, was slightly stunned taken aback for a moment, putting down the information, the "dog" Tao Liang, the son of the original owner of LanTuo Electronics. He just received a call from his boss Tao Jian. In the phone call, In addition to his feelings about the acquisition, he also kept selling his son to Ye Qing.

There was a dog on his left and another dog on the phone, so Ye Qing really didn't know what to say.

"Didn't the talent recruitment plan just start? Could it be that the recruitment plan of the headhunting company you are in charge of having dug up the talents?" Ye Qing read the information in Yu Huali's hand: "It was the last boss of LanTuo Electronics, who had cultivated an outstanding Talent."

"No, it's not an electronic talent."

Personnel manager Yu Huali handed over two resumes: "It's a pilot, the airline pilot you're looking for with a good experience."

Ye Qing immediately took the resumes and turned them. 'In ten days, the world's fastest-flying private jet that I customized will fly to China.'

Due to the rarity of pilots, Ye Qing had even engaged the Gulfstream pilots for two days after the plane arrived, and took them to the sky to enjoy the idea.

"I didn't expect them to fall so quickly."

Fang Yunxin and Du Wei.

Fang Yunxin: He used to be a fighter pilot of an aviation division in the Air Force.

Du Wei: He used to be from the air force in the Air Force and a bomber pilot of an aviation division.

According to the data, these two outstanding talents who once defended China's airspace had passed all commercial aviation qualification training because they were transferred to a local airline because of their age.

In recent years, civil aviation had also established its own pilot training system, but the pilots who came out, in terms of physical fitness and driving ability, were no better than the fighter pilots trained by the China Air Force, regardless of cost. Therefore, these transferred pilots were the treasures of the major airlines.

"Where are they?"

### **Chapter 437: Crab Festival**

Usually, it was not a very high salary, and no civil aviation pilot willing to change the job to become a private jet pilot, because civil aviation is a business establishment that assured public medical care, and retirement salary after retirement. In addition, a contract should be signed before the civil aviation training to prevent the training costs from being in vain.

With the big bosses, they had to pay double the training fee in the contract, double the salary, and had various welfare guarantees, so that the pilots were willing to lose their iron jobs and civil aviation was willing to release people.

Monster Heavy Industries had to pay three times the salary, and of course, it should be recruited quickly, but it is difficult to recruit one if it wanted to find a pilot for the plane before the plane arrived in Shanghai.

In this regard, Ye Qing was mentally prepared as early as the day he planned to buy the plane. The fact that these two pilots were recruited in a short time was purely coincidental.

As early as last year, Gu Yong, the CEO of the well-known Wanbao Real Estate listed company in China, clamored to buy a private jet.

The high-profile entrepreneur had entrusted the airline early to help train two pilots. As a result, when the pilots were well trained, his capital chain was broken, and the company's stock crashed, not to mention private jets, even civil aviation planes can't afford to sit up or down. The two pilots with a little back-off, just yesterday, were preparing to go to the civil aviation industry to submit their resumes, and they heard the news, Monster Heavy Industries was recruiting pilots.

"Boss, these two pilots have just got off the plane, and the company has already sent a car to pick them up."

"Alright... Get the contract ready from your part. I will sign them after I complete the interview, to drive Gulfstream G 750. Special training is required for a week. If the contract is signed, they can be sent to Gulfstream for training."

"I will prepare now." Yu Huali nodded and left quickly.

After half an hour, personnel manager Yu Huali returned, behind him, followed two middle-aged men who were in their early forties, dressed in jackets, standing and looking, very energetic. If Ye Qing hadn't

read their resumes, it would have been hard to imagine that these two pilots were close to fifty years old. The golden age of fighter pilots is between thirty-two and forty-five years old. These two have passed the golden age of fighter pilots and have just reached the age of driving commercial airliners. Because commercial airliners did not need to make various large-overload tactics, they had extremely high requirements for stability and flight experience.

Being able to serve as a fighter pilot and passing European commercial aviation training, there was no doubt about the technology. Ye Qing stood up, shook hands with the two pilots and greeted them, and asked them why they chose to become private jet pilots.

Fang Yunxin, who was slightly taller, answered with a smile: "The salary is higher than that of civil aviation, and the flight time is less. I can accord my wife and children more time."

"My reason is similar to that of old Fang. I have been an aviation soldier all my life. If you are old and only fly, then save more dowries for your family." Du Wei couldn't help sniffing his nose: "There is a very nice fragrance in this office." He smiled embarrassedly: "There is one more thing, listen, Mr. Ye, you ordered the world's fastest private jet, which is faster than the bomber I originally flew. I think flying this kind of aircraft will make me feel more comfortable than flying in civil aviation."

"Last question."

"Flight route needs the report in advance if I ask you not to fly according to the route, will you implement it?"

"I haven't done this before." Fang Yun scratched his head: "If the situation requires it, even if it's not illegal, I will implement it. If the situation requires I will also implement it. That is, the tower needs to find a suitable reason to explain this. If we fly abroad, and if we do this, it is likely to attract fighter jet."

"You can sign the contract. What are your requirements? You can communicate with the personnel manager."

Sunlight spilled on Ye Qing's face through the glass window, reflecting his satisfied expression: "Gulfstream aircraft still needs special training for seven days, and the Gulfstream Company has already contacted. After you sign the contract, you will leave tomorrow, and then you will fly the plane back from Gulfstream."

The two pilots to the door shut the door after one "Yeh". They could not help but proud of them. Pilots get later will be able to travel by private jet. China is still the best at that frame.

And other aircraft too, how to modify it to change?

"Toc toc ~ Toc toc ~"

The knocks on the door interrupted Ye Qing's thoughts, and he shouted out to go in, and the person who came in had surprised him. He was not a company employee, but a gray-haired artistically dressed person little old man.

"Director Ding?" Ye Qing almost thought he was wrong. This was a rare guest among the rare guests.

Since the release of the film, director Ding Yin and Xu Ninggong have become frequent visitors to major entertainment headlines, and various interviews and various activities have been full. Xu Ninggong had even reported a violent move to hold 32 concerts in a row.

It is said that this movie would also hit the Oscars. Two days ago, Ye Qing commissioned Ding to guide the acting company to plan a promotional activity for the Explorer robot. He thought he would come in person.

"Mr. Ye!" Ding Yin stepped forward and shook hands with Ye Qing enthusiastically: "Your Company is growing at a rapid pace, and I was just downstairs. I heard people say you will build the building across the road, with a total of ninety-nine floors. I admit I was scared. The media are really lacking in foresight, and they always put the news on the popular idols. You are the true idol, and young people should be proud of you."

"In fact, some media wanted to interview me, but I asked my subordinates to refuse." Ye Qing patted him on the shoulder and said politely: "Don't talk about it, and I will entertain you at noon, you come all the way."

Ding Yin waved his hand, again and again, saying he was going to the Quad City more than two hundred kilometers away, he just is passing by Shanghai, so he came here to talk about the product promotion plan.

Sitting on the sofa, Ding Yin took out his mobile phone and gave it to Ye Qing. I saw a few pictures. These pictures were very interesting. The first one was a basket full of crabs with teeth and claws. The second picture was a huge oval stadium, but the center of the stadium was full of steel.

The third picture was the entrance to the stadium. There were two larger cartoon crab statues on the left and right. The entrance should have just been painted, and the paint was particularly bright. The two crabs were a male and a female, and their eyes were taller than the Teletubbies.

"This..." Ye Qing admitted he was confused. The three pictures had nothing to do with the exception of the crab, and there was no place to connect with the Explorer robot.

Maybe... Maybe it was because Ye Qing's imagination was not enough to keep up with this ghost director's thinking.

"Has President Ye ever heard of the Crab Festival?" Ding Yin, who had deliberately betrayed the truth, touched the short beard on his chin with a mysterious smile and said, "The Crab Festival is held every three years.

"Crab Festival? I heard about it in the news." Ye Qing faintly felt familiar. He had heard it on the news before. It was just too long to remember the details.

"China Crab is famous for Yangcheng Lake, isn't it the Crab Festival of Yangcheng Lake?"

"No, no~" Ding Yin made a cameo appearance in the rock band, his head kept swinging: "It's Hongze Lake."

"Prepare, it's Hongze, the Sikong City on the lake."

"Yangcheng Lake has the most famous crab, and the second is Hongze Lake. At the same time, Hongze Lake crabs have the most sales in China and the world."

"The Four Commons Cities are on the edge of Hongze Lake, famous for its rivers and lakes and crab town. They participated in the crab festival for almost two decades, later starting in early 2009 it was adjusted every three years. Maybe to fight they were the first to advertise, for some reason the festival will only be held every three years. The last crab festival was almost busier than the Jiangnan Games. The Guanghua superstar Xia has been invited three times."

"Do you know which director was invited to plan the last Sikong Crab Festival and Festival activities?"

"Who?" Ye Qing was really convinced about Ding Yin's ability to sell off children.

"Director Chen Kaiqu, who won numerous awards and won three China box office records."

Ding Yin laughed triumphantly: "Nine days later, it will be the Twelfth Crab Festival. Do you know which director is invited to this festival to plan the Sikong Crab Festival and Festival activities?"

"You!" Ye Qing had ruthlessly exposed Ding Yin's triumph.

"Yes." Ding Yin snapped his fingers: "I am the director, and Xu Ninggong is one of the invited superstars. At the same time, the Quartet City is also the first stop of her 32 concert tour."

"I thought about it. It's a brilliant idea to work with your Explorer robot to make a piece of big publicity news."

### **Chapter 438: Robot Army**

The Sikong Crab Festival had been held for almost 20 years. In the past, the festival was unfamous at all, but the locals invited some third-line celebrities to sing, sing, and dance, and they held an aquatic product fair and selected the crab queen by the way.

There were many local festivals of this kind, which were similar and well-known. Every winter ice-breaking fishing, a fishing net was towed up like a train, and the biggest fish king was also selected.

For this latest edition and the next Sikong City Crab Festival which will take place in a few days, the local government was very interested in making big news and publicizing it.

A dozen years ago, hairy crabs were uneaten by many people. But now, the living conditions have improved, and hairy crabs are becoming more and more popular. Although the hairy crabs of the Sikong City are not as famous as Yangcheng Lake, they can't escape the number one sale each year. The crab alone had brought more than 4 billion economic incomes to local residents last year.

The Sikong City was of course more than just crabs. It was close to Hongze Lake, with abundant water networks, numerous lakes, and a national wetland park. Even if you dig a small pond on the side of the road, it would be filled half the next day. Therefore, local aquaculture occupied a large economic proportion.

The last Crab Festival became so powerful by not only crabs and aquatic products were sold to all of Asia, but even the national wetland park was filled with tourists on the golden holidays full time.

The Sikong City, which had tasted the sweetness, had spent a lot of money to expand the national wetland park on a large scale. This time without hesitation, it had invited the most famous ghost director Ding Yin and the messed-up Xu Ninggong in Crab Festival.

The four Commons had no other requirements, only big news, and big scenes to let the whole China know the crab aquatic products of Hongze Lake and the national wetland park. So, what is the most popular thing?

In hot news, the bigger things are easier to get on.

If there were two crab essences in Hongze Lake, they would both have the permission of the stadium entrance. Not to mention Chinese hotspots and African hotspots were all available.

This is, of course, unrealistic. The original director Ding Yin mainly pinned his popularity on two aspects.

One of the enthusiastic events was Xu Ninggong and her 32 concert tour, where the first stop was the Four Commons City. Where in the first concert, not only a mysterious guest was invited to be the lead dancer, but also a few newly composed songs.

Xu Ninggong was a popular singer herself, and her songs dominated the sales charts all year round. In these new songs, there was a special title song.

According to previous comparisons, this song was unfinished in the first half of the year. So as the first new song would be debuted with the concert and the mysterious guest to help out, the popularity itself was the first in the country. The Crab Festival naturally would become popular hearing Xu Ninggong giving a gentle introduction and taking a few particularly beautiful shots of eating crabs.

Another hot topic was the holographic projection technology.

As the main entertainment venue and concert venue for the Crab Festival, a holographic transparent projection screen imported from SAX3D in Germany would be erected in the Sikong Stadium to show the beauty of Sikong City National Wetland Park in all directions.

The landscape promotional film was shot by director Ding Yin. Thanks to the former Monster Heavy Industry, he had tailor-made two 80-meter full swing arm cameras. After the shooting of this landscape propaganda film, the leaders of the Four Commons had almost swollen their hands.

Coupled with the world's most cutting-edge holographic technology, it was no problem to be popular.

In the end, Ye Qing had found director Ding Yin again because he wanted to ask him to help promote his company's products and after a total of two days, Ding Yin had thought of a very good, win-win solution for all three parties.

"Aren't the four Commons going having a big news crab festival?"

"At that time, there would be hundreds of thousands of people on the street, and the stadium at the main venue of the event will have 40,000 guests and spectators, and the main stadium would be repainted early. So if you come to let the robot acting as a ticket inspector, security guard, and venue attendant?"

On that day, after talking to Ye Qing, Monster Heavy Industry gave him two Explorer robots. After exploring and researching, Ding Yin felt that the plan was very feasible.

Yesterday, he discussed with the Sikong City, and it turned out that the management supported the plan even more than Ding Yin. Monster Heavy Industry itself was very famous. For large-scale events with tens of thousands of people, all service personnel was robots. The management was shocked just thinking about it.

If the two parties could cooperate successfully, let alone the top national hot spots together, the world hot spots would be fine.

"Mr. Ye, what do you think of this plan?" Ding Yin's excited hands trembled a little: "Once it was done. Monster Heavy Industry, Ding Yin, Xu Ninggong, the four Commons, the crabs of the Four Commons, it is not a dream to be popular in the world."

The biggest credit here was, of course, the robot of Monster Heavy Industries, because this was a unique and shocking innovation that was loaded into Guinness.

From now until then, Ding Yin will also use documentary filming techniques throughout the entire process to film the Explorer Robot from preparation to the successful completion of the tasks in the venue.

Ye Qing admitted he was very excited. Compared with the promotional video of a small family of robots from Amano Heavy Industries, his army of robots was undoubtedly more shocking. And cooperation with the Crab Festival itself had a natural heat advantage.

Technically feasible.

The explorer had gigantic and wireless network modes of operation. A large-scale event where it would be filled with hundreds of thousands of people and mobile phones which could call and surf the Internet without interference. Even if thousands of robots were connected to the Internet, there will be no problems.

The robot had short battery life, and it could prepare three sets of battery packs for replacement. The robot itself was designed with a quick battery replacement interface, which only takes 30 seconds.

"There are still nine days." Ye Qing stood up from the sofa, his eyes full of determination, and said: "How many Explorer robots are needed in total? Recently, the sales of Explorer Robots weren't good. We have enough inventory."

"One thousand units. Both the industrial version and the domestic version will work."

"The sooner you get ready, the better." Hearing Ye Qing's promise, Ding Yin grabbed Ye Qing's hands excitedly and kept shaking: "The Four Commons City will conduct training for robot operators, and this batch of robots will also need to be groomed."

"The Four Commons City is in charge of the robot's beauty. They will make uniforms for the robots and put on small crab badges. Ticket-checking robots need to be modified slightly. There will be 20 units in total, and they will be installed with infrared scanning. At that time, the guests will enter the venue with



them. The robot will take the admission ticket and ticked it to scan the authenticity of itself. Just thinking about it makes a sense of science and technology."

"You promise Sikong City can come over to sign a cooperation agreement in the afternoon."

"No problem." Ye Qing nodded, and then added: "But for the event venue over there, I have to send a technician to prepare it in advance."

"Stadium stairs, a forty-centimeter wide barrier-free ramp must be added, otherwise these robots will look like climbing stairs. It's too clumsy."

Ding Yin had rushed to the Four Commons after continuing the discussion for a few minutes, and he said goodbye still. Ye Qing didn't hold back too much, and the preparation of thousands of robots was not a trivial matter. In addition, he had only nine days to arrange this plan.

"Hmm... Nine days, it just so happened that my private jet could almost arrive at that time."

At a distance of more than two hundred kilometers, flying to participate in activities could also save a lot of time.

#### **Chapter 439: The Watcher**

Technicians in the product research department had been doing the upgrading of the robots. While retaining the power system of the Explorer robot, they had made various alterations on it.

For example, they installed smart modules and wrote programs to allow robots to move autonomously. Various auxiliary modules were added to allow users to obtain more effective information through this industrial version of the robot.

Those factory users had also reported the problems they had encountered on weekdays or which features were most lacking. The second-generation product had been unfinalized, and Ye Qing was not in a hurry to finalize it.

The transformation of the ticket checking robot was also handed over to the Product Research Department by Ye Qing. There was no technical difficulty in this regard. There were only dozens of infrared scanning modules, and the research department had specially made a scanning watch to be worn on the robot's wrist. It was different and did not affect the sales of the main product.

For a thousand industrial robots, there were still more than a hundred in the factory warehouse. Just go back at night and let the monsters make up for a few hours.

Before returning to the factory, Ye Qing also went to the underground laboratory of the Giant Monster Industrial Building to see the situation of Tianjin. He brought a batch of pure rough diamonds from the Lord's Battleship returning from Nigeria. After all, he was promised to give Tianjin half.

Taking the large elevator straight to the laboratory, Ye Qing had rubbed his eyes in disbelief when he saw what there was in front of him. After two days of absence, the huge laboratory had completely changed its appearance.

Tianjin, which had certain financial rights, had purchased a lot of hardware equipment in these two days. And as long as the equipment could be made by the Monster Factory, Tianjin only needed to contact the Master Craftsman to obtain it.

He had also seen a 90-nanometer step-and-scan lithography machine, and the matching single crystal furnace, plate washer, chip packaging machine, placement machine, and so on. These devices were new and old, with a total value of over 100 million. This was a complete set of chip production equipment. Although there was still a big gap from the most advanced 14-nanometer, it was enough to produce most industrial chips.

A semicircle, similar to the command center in a science fiction movie, was located in the original office location of Tianjin. A total of twelve arc-shaped displays form a semicircle, and there was also a rhythmic keyboard tapping sound. Ye Qing walked around these displays while weighing the diamond bag in his hand. He wanted to give Tianjin a surprise.

Wait... Why did the Electrocrystalline suddenly become taller than itself... The picture seemed to be wrong, and the one sitting in the command center was not a one-meter tall Electrocrystalline. It was a robot with human limbs. At this time, it was plugged in behind its head, sitting in front of the monitor, and tapping the keyboard.

Had it not been for the robot's upper body, the Explorer robot from Monster Heavy Industries, Ye Qing would almost throw the diamond bag as a weapon and then choose to call the police.

Suddenly he had seen a robot with two legs sitting on a chair. Ye Qing had even seen a monster. But had he seen this intubated robot sitting on a chair and playing League of Legends?

At this moment, the screen had just jumped into the Summoner's Canyon, and Ye Qing hadn't clearly seen what hero the robot had chosen. It used an electric hand to type a sentence on the keyboard.

The invisible Electrocrystalline: "You lie down for me."

"I'm already lying down, lying in my husband's tender arms."

"Great God, do you need me to deliberately sell a few waves to increase your interest?"

"Wow, kaka~ I was abused by the great god and cast in a psychological shadow. The heavens had pity on me and the great god stood together."

Ye Qing is standing behind eyes fixed and looking straight, this robot can even chat. After typing, it remained motionless like a statue, waiting for the whole army to attack.

Preoccupied to watch this robot perform, he suddenly noticed the corner of his clothes was gently pulled.

"Who do I rely on?"

Ye Qing turned his head, now it was a one-meter high Electrocrystalline.

"Boss, are the robots I did were good?" Tianjin raised his ears proudly, expressing his expectation.

Ye Qing looked back at the screen, at this point, the game has started. The robot was operating a keyboard and mouse to a speed that could be uncaptured by the naked eye, with a nine tail fox demon in the middle of the line.

Robot-operated Yasuo, who had used a test of his positioning ability, will face this Ahri. His main skills were directional skills. Yasuo dodged them all in thrills and frequently blocked the release of the demon Ahri by a wind wall. After reaching the third level, Yasuo directly resisted the damage of the defensive tower and killed it.

Ye Qing looked at Tianjin again which was next to him, showing him the robot had the ability to operate the game independently. The key was this robot had two legs.

Twenty minutes later, the robot-operated Yasuo directly forced the opponent to surrender with a record of 24:2.

This robot should be able to accurately calculate all talent runes, plus level skills and damage caused by creeps. When Ye Qing had watched him finish killing several times, his own blood volume had fallen to single digits, which was so thrilling that it couldn't be more thrilling.

But it was immortal. When they were on the line, all the pointing skills were hidden, and the killing of people under the tower is like searching for money and Ye Qing wanted him to help him improve his account.

The final fog was pushed away by Electrocrystalline.

In the body of the robot, a drive motherboard is installed by Electrocrystalline, and the transmission system and electric signal control system had also been modified. The driver board contained software won from Real Eye, but this software could only be used to identify the dynamic data of League of Legends.

The principle was simple, but it was harder to do everything with robots than to climb the Himalayas. To recognize the screen through a high-resolution camera, the robot should have the same precise finger mobility as a machine tool to control the keyboard and mouse. And how to convert data into mechanical movement involved very complex mechanical automation knowledge.

In order to complete the precise operation, Tianjin had specially modified the keyboard, affixed identification codes on the keycaps, and had replaced the mouse pad with a grid-like capacitor plate to increase the accuracy of the mouse movement.

"Can it walk?"

Ye Qing asked the most important question. The balance ability of robots has always been a nightmare for mechanical engineers. Ordinary people walking with potholes don't even have to tilt their bodies. But with a robot, the chance of falling into a dog and eating shit is as high as 99.

"For now, it's okay to move on flat ground."

"I'm already discussing a new dynamic balance software design scheme with Teacher Real Eye." Tianjin had held the tablet and clicked several times on a software interface that Ye Qing had no clue.

"By the way, Boss, I gave it a name, it's called the Watcher One."

The industrial version of the robot was called the Explorer, the home version of the guardian. Now Tianjin had produced the Watcher One itself. At least from the name, these three robots were very good.

After Tianjin finished speaking, the Watcher One slowly turned his head and looked at Tianjin.

"Om~um~"

The less obvious mechanical movement sounded, and the Watcher One got up from his chair. Then stepped out the legs of the silver-white metal shell.

"Bang~bang~bang~"

The Watcher One's steps were stiff, but every step he took, Ye Qing felt his heartbeat a few times.

#### **Chapter 440: Reasons for Resistance**

Is it difficult to fit a robot with legs? No, it isn't. There is no difference between leg joints and arms. Monster Heavy Industries has been able to create a perfect mechanical arm, so naturally, it could also create a perfect mechanical leg. But looking at the world, all practical robots were driven by wheels and tracks. The problem lied in energy and balance.

Human beings could perfectly balance their bodies and climb mountains and ridges because they have the ability to learn and grow. From crawling in infancy, the human brain has become more and more coordinated with the limbs, and its grasp of balance is getting better and better.

Unlike machines, it had no learning ability. The gyroscope and the attitude sensor could only guarantee flat ground walking. If it was thrown into the wild, it would involve processing complex terrain data. It might encounter a pool of water, and the robot would have to analyze for a long time, whether this is a lake or a ditch.

But the difficult problems were born to be overcome by the genius and then achieve the reputation of genius. Without a heart that dared to challenge the impossible, how could technology advance?

"Go on, but its shell is too bad." Ye Qing patted the 1.9-meter tall robot: "It needs being sci-fi and mighty."

"Boss, did you forget to give me a certain gift?" Tianjin sniffed his nose: "I can smell the fragrance of diamonds."

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The Sikong City is located on the West Bank of Hongze, with the Huai River winding through it. Since ancient times, it has been the main transportation route in the Central Plains and the place where goods from all sides gather.

In the early morning of the second day, a Buick commercial vehicle with a Shanghai license plate passed through the high toll station of the Sikong City and drove into the urban area around the historic landmark roundabout.

This white business Buick was a new batch of special vehicles for business trips purchased by Monster Heavy Factory. In the car sat a Master Craftsman and two employees from the company, Lu Feng and Xie Wenlin. Both were from the second batch of recruited employees, one is a native of Shanghai City and the other is from the north.

At the Sikong City at this time, in order to welcome the arrival of the three-year Crab Festival. Garden and sanitation workers could be seen everywhere on the roadside, pruning greening, and cleaning public facilities. The street lamps on both sides were also specially equipped with beautiful carp lanterns, giving the whole city a new look.

When the car arrived at the stadium, its door opened, and the two employees in thick suits trembled.

At this moment, Shanghai City couldn't have a such temperature degree. Why is it that after more than two hundred kilometers, the Sikong City directly felt below zero, and the roadside was frozen with an ice ball.

"Is it the first time you come to Sikong City?"

Tong Xuanqiang, deputy director of the Sikong Tourism Bureau, who was in charge of the reception, enthusiastically ran over to hold the hands of two employees: "Our Sikong City is close to Hongze Lake, and there are more than a dozen large and small rivers in Guangcheng. The air humidity is high, and it is really bad in winter. It's cold to the bone. It was colder the other day. It rained three degrees below zero and the wind of force 7 was blowing. The rain was the same as an arrow shot."

"It can rain even below zero?" Xie Wenlin was amazed: "When the temperature drops below zero, doesn't the rain turn into snow? In our hometown, we have never seen this kind of situation, so people have to be frozen."

"Haha~ It's normal for us to rain in sub-zero weather." Deputy Director Tong Xuanqiang smiled: "A cotton coat was prepared in the studio. The two of you will come with me."

"Master Qiao, I will get you a cotton coat?" Xie Wenlin yelled respectfully toward the car.

Compared with the company, the Longxitan plant was the real core of the Monster Heavy Industry. The old staff had long heard of the name of Master Qiao.

"No, I'm in good health, and I'm only cold at minus ten degrees." A casually dressed and somewhat rickety master jumped out of the car.

Realizing this little old man was the master, Deputy Director Tong Xuanqiang rushed over and shook his hand: "Hello, hello."

After some courtesy, the two employees who were sent by the Monster Heavy Company had wrapped their cotton-padded clothes tightly and followed the Master Craftsman and patrolled the stadium together.

Deputy Director Tong Xuanqiang had also followed, using a rather funny language from time to time to give the working group sent by Monster Heavy Industry an introduce local customs.

The Sikong City Stadium had undergone three expansions and had now become a multi-functional venue for large-scale entertainment and cultural activities. Above the audience stage on all sides, there was a sky curtain. In the center, hundreds of workers were laying the stage.

The stage had just been paved with a plinth, and workers would be able to put up five of them in about four days. In the silhouette of this group of workers, a few big-bellied blue hats were mixed in.

They were wearing white overalls with blue helmets, and the SAX 3 D logo was printed on the brim of the uniforms. They were engineers from Germany who were responsible for installing the high-tech holographic transparent projection screen in this crab festival.

It was a pure transparent projection screen 6 meters high and 9 meters wide.

Did you watch the Hatsune Miku concert full of cut scenes?

The magical girl went from the second dimension to reality, relying on this technology. And the organizers of Hatsune concerts all over the world are also purchasing projection screens from their SAX 3 D company.

The cost of light to hold a holographic projection technology is three million. The bulk of this is mainly spent on screen transportation and installation fees.

The transparent projection screen is not a projection screen of a movie theater, but a piece of high-purity electronic glass.

The float glass is 6 meters high and 9 meters wide. There is a special interlayer inside the glass, which can automatically adjust the brightness and capture the image irradiated by the projector.

If you want to achieve three-dimensional reality, you must use 20 special projectors to generate special images processed by a computer, and then overlay these images on the glass to form a three-dimensional effect.

The 3D effect can be achieved with only two projectors in the promotional video of the wetland natural scenery shot by Sikong City. Of course, Sikong City spent much money renting their company's equipment, and he definitely wanted to save more money so he would only use two projectors.

In the promo, there is a virtual fairy. At night, the guests will be led by this fairy to soar freely over the wetland scenic spot. Therefore, the German company shipped the equipment by air eight days in advance and was installed and debugged by professional engineers.

It's just that these German engineers, standing at the location where the holographic projection screen will be installed, have a solemn expression, and are constantly discussing something. Twenty minutes later, these engineers shook their heads and asked the translator to take them to the person in charge.

Ding Yin was the general director of the event, and Tong Xuanqiang the deputy director of the Tourism Bureau was the person in charge of the event. At this moment, he had accompanied Master Qiao around for a while, at his return to the temporary office, he and Master Qiao were discussing the planning plan for the robot army to participate in the event venue service.

Compared with the holographic projection promos that had appeared many times, the army of robots that could be recorded was undoubtedly more important, more shocking, and more tested his ability to coordinate the event. Of course, Deputy Director Tong Xuanqiang attached great importance to it.

"There are not many places to be remodeled. In addition to barrier-free passages, one more warehouse for storing robots and a battery replacement room will do." Master Qiao took out from his bag some pencils to make drawings. No rulers were needed. He could do it in seconds by drawing a sketch of the barrier-free passage that could be used directly as part drawings for processing.

The Deputy Director Tong Xuanqiang and the others had their eyelids jump. They respected the worthy master. The skill of sketching alone could make many guys known how engineers should pierce the ground to hide.

When the Deputy Director Tong Xuanqiang was about to say something nice, the wooden door of the temporary office was pushed open from the outside.

As the cold wind poured in, also bringing several ice-like faces.

"I'm very sorry, Mr. Tong." Engineer Bernard was spreading out his hands: "The holographic projection equipment that you entrusted us to install, we are unable to install it for you due to irresistible reasons."

"What are you talking about?" The Deputy Director Tong Xuanqiang's head was about to stand up.