

## F. University 1501

### Chapter 1501: A Perfect Lithography Machine \_2

The photolithography machine experiment project is located at the center of the scientific research base, where the first photolithography machine developed by Mist City Arts and Science University for manufacturing 5-nanometer chips is also situated.

Shortly after arriving at the center of the scientific research base, Ding Yue, accompanied by his team, was immediately greeted by Tong Yihang, Liu Tiefei, Luo Peng, and others who had already been preparing there.

"Elder Li, these are the core members of our Mist City Arts and Science University photolithography machine experiment project."

Ding Yue said with a smile as he introduced Elder Li to the team, "This is student Tong Yihang, this is student Liu Tiefei, this is teacher Luo Peng, and this is teacher Su Beilin..."

"Truly, the pupil surpasses the master."

Upon meeting these young individuals, Elder Li couldn't help but express his admiration.

Tong Yihang and Liu Tiefei were only in their twenties, while Luo Peng and Su Beilin were just over thirty. Being so young and already possessing such formidable scientific research capabilities was truly extraordinary. This also reflected the impressive teaching prowess of Mist City Arts and Science University.

"Greetings to Elder Li, Dean Zhou, and Elder Feng,"

said Tong Yihang and the others as they came forward to greet the senior members from Xia Science Institution.

"Elder Li, this way, please. After changing into dust-free clothing here, we can enter," Luo Peng quickly explained to Elder Li and the others about the changing area in the scientific research base center.

Elder Li and his party were naturally aware of this procedure. To visit the photolithography machine equipment developed by the research base center, it was essential to wear specialized clothing. Elder Li simply didn't know where to change, but now the young individual before him had given the "answer".

"Mr. Wang, let's go have a look together," Ding Yue said with a smile to Mr. Wang Liwu.

Mr. Wang Liwu had come to Mist City Arts and Science University this time to discuss the collaboration regarding photolithography machine equipment and chip manufacturing, so it was natural for Ding Yue to show him the photolithography machine equipment developed by the university.

"Alright."

Wang Liwu nodded and followed closely behind Principal Ding.

Soon, everyone changed into dust-free suits and entered the scientific research base center.

The research center of Mist City Arts and Science University increasingly resembled the large-scale research bases seen in science fiction movies, which was the original direction for its development.

After walking inside the research base center for a few minutes, everyone followed Luo Peng and Tong Yihang to the area where the photolithography machine experiment project was located.

This was a vast area filled with various top-of-the-line equipment from around the world, including computer systems, precision machining equipment, and other energy devices.

Of course, what Elders from Xia Science Institution, like Elder Li, were most looking forward to seeing was the photolithography machine from Mist City Arts and Science University.

"Elder Li, this way, please,"

Luo Peng led Elder Li and the other scholars forward.

Soon, a large photolithography machine equipment was presented before everyone's eyes.

"Elder Li, this is the photolithography machine equipment our Mist City Arts and Science University has developed and manufactured, capable of being used for 5-nanometer chip technology," Luo Peng introduced proudly.

Seeing Elder Li and others looking up, they observed the colossal device before them.

The volume of a photolithography machine is indeed substantial, and such a machine is one of the core pieces of equipment in chip manufacturing.

Merely looking at the size and shape certainly doesn't reveal everything. Elder Li instantly shifted his gaze to Luo Peng, who then looked to Principal Ding. Following Elder Li's gaze, Luo Peng's gaze also moved to Principal Ding.

Ding Yue immediately nodded, naturally agreeing to show Elder Li and the rest the various data about the photolithography machine equipment.

Consequently,

Luo Peng and Tong Yihang went to prepare.

Some data about this lithography machine started to appear before the eyes of Elder Li and the other academicians.

"Good, very good indeed! To achieve such precision machining data, it's truly a case of the new waves pushing the old ones forward," Elder Li sighed with emotion after looking at the data.

For the technology researchers, this is almost akin to faith.

"Principal Ding, how many of these lithography machines can we produce now?"

Mr. Wang Liwu, standing behind Ding Yue, asked Principal Ding in a low voice, full of curiosity.

For Wang Liwu, his main concern was obviously different from that of Elder Li and the others. What Elder Li and his peers cared most about was how such a lithography machine was

successfully developed and manufactured, how it achieved technological breakthroughs in precision machining—after all, they are lifelong devotees to scientific research.

Whereas Mr. Wang was concerned with how many such lithography machines could be produced.

These are the disparities between two types of people.

"Well, about that, I am not quite clear at the moment, as we have only developed and manufactured the first 5nm process technology lithography machine," Ding Yue shrugged casually, continuing: "As for how many we can produce, we'll know the specific figures after integrating our resources and technologies."

"Oh, indeed, that makes sense."

Upon hearing this, Mr. Wang nodded slightly.

"However, Mr. Wang, you don't need to worry. Naturally, we will do our utmost to manufacture the lithography machines. By then, do you still fear that they won't be enough for Guoxing Technology Group?"

Ding Yue said calmly to Wang Liwu.

"Hahaha, that's true," Mr. Wang could only smile along for the moment. As for what he would have to discuss on behalf of Guoxing Technology Group with Mist City Arts and Science University, it would probably not be appropriate to bring it up right now.

So, after some thought, Wang Liwu decided to wait for a more suitable moment to talk about it.

"Mr. Wang, you know the production capacity of ASML in photonic technology, don't you?" Seeing that Mr. Wang had brought up the production capacity of lithography machines, Ding Yue decided to have a chat with him.

After all, for the machines themselves, Elder Li and the fellows from Xia Science Institution were looking at the complex data and structures—with which Ding Yue wasn't very conversant. So, there was no way to explain it to Elder Li and the others, and this task would be left to Tong Yihang and Luo Peng.

"Well, for ASML's 5nm lithography machines, they can produce about 160 to 180 units over three years; of course, these figures are released by ASML. In reality, according to international norms, ASML's reported data are likely to be lower than the actual figures, so I guess their three-year production capacity could reach around 200 units," Mr. Wang analyzed after some thought.

Considering the production of the top-of-the-line lithography machines by the European company ASML, breaking the mark of one hundred units per year is actually quite challenging.

After all, lithography machines, as large and incredibly complex precision equipment, cannot be mass-produced like assembly lines; a great deal of effort and cost go into the production of each unit.

"Our Mist City Arts and Science University will try to produce a few more lithography machines in the coming year. After all, integrating various resources will be necessary,"

Ding Yue spread his hands and said to Mr. Wang.

"Then we'll look forward to the good news from Mist City Arts and Science University and Feiyue Group," Mr. Wang said with a smile: "No matter how many lithography machines you produce, our Guoxing Technology Group can buy them all."

Well, that's something!

Upon hearing Mr. Wang's words, Ding Yue felt as if it implied that all the lithography machines produced by Mist City Arts and Science University and Feiyue Group would eventually go to them?

Despite the initial agreement between Ding Yue and An Yujia to give Guoxing Technology Group a chance, it was quite obvious that they would sell their machines, but it certainly wasn't going to be the case that all of them were reserved for Guoxing Technology Group.

It seems like they are daydreaming.

"It seems, Mr. Wang, you have quite the appetite," Ding Yue said with a smile to Wang Liwu.

Hearing this, Wang Liwu felt as if Principal Ding's words contained another layer of meaning!

## Chapter 1502: My Own Complete Industry Chain!

The scholars from Xia Science Institution, led by Elder Li, spent an entire afternoon visiting the research base at Mist City Arts and Science University.

In the eyes of Elder Li and the scholars, the 5-nanometer process lithography machine developed and manufactured by Mist City Arts and Science University was a perfect piece of equipment. Moreover, this lithography machine would enable their own chip industry to revive and no longer be choked by foreign technology.

"I hope that Mist City Arts and Science University will continue to forge ahead in the future. The path of scientific research is long, you must persevere."

This was what Elder Li said to Tong Yihang, Liu Tiefei, and Luo Peng, who were involved in the lithography machine project, after the visit.

These words were somewhat similar to what Principal Ding said last night at the celebratory dinner, with the same message for Tong Yihang and his team to keep going because after the 5-nanometer chip technology, there are still 3-nanometer and 1-nanometer chip technologies that need to be tackled.

"Rest assured, Elder Li!"

Tong Yihang and the others had a resolute and ardent look.

After Elder Li and the scholars concluded their visit, Ding Yue immediately had someone escort them to the hotel to rest. As for the hotel rooms, they had been arranged well in advance, and with Huang Youjie as the head of logistics, there were absolutely no issues, and everything was organized clearly in minutes.

After seeing Elder Li and the others off to the hotel for some rest, Ding Yue was still talking with Mr. Wang Liwu of Guoxing Technology Group.

Mr. Wang's intention was that Guoxing Technology Group wanted all the 5-nanometer process lithography machine equipment manufactured by Mist City Arts and Science University and Feiyue Group.

But how could Ding Yue give them all away!

The two sides kept pulling back and forth, chatting until it was almost time for dinner.

Gurgle~

Ding Yue's stomach started grumbling.

"Mr. Wang, are you hungry? How about we go to the canteen to eat? We can continue discussing while eating?"

Ding Yue smiled and asked Mr. Wang Liwu.

"Yes, Mr. Wang, let's go eat first."

Miss An Yujia also suggested eating first and then discussing the collaboration further.

"Alright."

Wang Liwu nodded upon hearing this.

So, Ding Yue and Miss An Yujia accompanied Mr. Wang to the Fifth Canteen of their university.

Ding Yue even had his mother, Zhang Cuiping, prepare some delicious dishes to treat Mr. Wang.

During the meal, Ding Yue resumed the conversation about collaboration with Mr. Wang Liwu.

"Principal Ding, when Feiyue Group last needed a large number of chips for manufacturing Feiyue Future New Energy vehicles, our Guoxing Technology Group went all out to support you,"

said Wang Liwu sentimentally.

Speaking of which, now he started to play the emotional card.

The reason for pulling the emotional card was nothing more than to strive for more benefits for Guoxing Technology Group in this negotiation.

After all, Wang Liwu naturally represented the interests of Guoxing Technology Group.

"Yes."

Ding Yue unreservedly nodded his head, and then added, "So, right after we developed and manufactured the 5-nanometer process lithography machine at Mist City Arts and Science University, the first thought was of your Guoxing Technology Group."

"Thank you, Principal Ding. How about one hundred lithography machines per year from Guoxing Technology Group's side?"

Seizing on Principal Ding's words, Mr. Wang smiled as he made his offer.

"One hundred machines?"

Miss An Yujia, surprised, said: "Mr. Wang, do you think we currently have the capacity to produce that many? You understand how difficult it is to manufacture lithography machines, don't you?"

"Indeed, lithography machines are hard to produce, but that's why I trust Mist City Arts and Science University and Feiyue Group,"

Mr. Wang still said with a smile.

Clearly, Mr. Wang's smile was "not well-intentioned."



"Mr. Wang, we don't have that kind of production capacity right now, and let me be upfront with you, even if we could produce one hundred machines a year, we would not be able to supply them all to you,"

Ding Yue calmly said to Mr. Wang.

This afternoon, he told Mr. Wang that he had a big appetite, yet it seems Mr. Wang hasn't "toned it down" at all, still coveting the full production capacity of lithography machines from Mist City Arts and Science University and Feiyue Group.

"Principal Ding, this..."

Wang Liwu furrowed his brow slightly, perplexed, he asked, "Principal Ding, if you don't sell the lithography machines to us, do you have new partners? I suppose there's no other company in the country capable of supporting such a massive chip industry, right?"

"Indeed, there isn't."

Ding Yue replied, steady as Taishan, nodding his head.

"Given that, why wouldn't Principal Ding supply us with all the lithography machines that will be produced, as it would also help boost our entire chip industry. Moreover, the chips produced by our Guoxing Technology Group will, in turn, drive the development of other electronic industries and intelligent manufacturing in Xia Country."

Wang Liwu suddenly broadened the scope, adding a bit of a "moral hijacking" flavor to his tone.

Good grief.

Now it encompassed the entire electronic and intelligent manufacturing industries of Xia Country.

Indeed, the electronic industries and intelligent manufacturing industries of Xia Country, which require chips, are indeed closely linked to Guoxing Technology Group, but using that to morally hijack me?

## Chapter 1503: Own Entire Industry Chain! \_2

Dream on!

Ding Yue had already planned it out. Selling the lithography machines to Guoxing Technology Group was definitely not a problem and it was necessary because the chip manufacturing industry chain of Guoxing Technology Group is quite mature, and currently, all kinds of industries in Xia Country depend on Guoxing Technology Group.

Therefore, Ding Yue cannot become a "sinner". If Guoxing Technology Group were to collapse, both Mist City Arts and Science University and Feiyue Group would inevitably bear the brunt of the blame.

But even so, Ding Yue can't sell all the lithography equipment to Guoxing Technology Group, what would he use then?

Ding Yue has grand ambitions, he must create his own complete industry chain, which includes the production and manufacturing of lithography machines, etching machines as well as chip production, all linked together.

By then, Feiyue Group can be completely independent of Guoxing Technology Group when it comes to chips.

However, this certainly requires a process. If rushed, it would only lead to numerous contradictions.

So Ding Yue's plan was, in these years, Mist City Arts and Science University and Feiyue Group would sell some of the lithography equipment they manufactured to Guoxing Technology Group, keep some for their own use, and at the same time establish their own chip manufacturing company under Feiyue Group.

Chip manufacturing is, after all, "Correct Way" only when one can control a certain level of production.

If handed over to someone else, even if there are no issues now, what if something happens in the future?

Then it would be a case of crying to no avail, calling to the ground but it doesn't respond.

After all, Feiyue Future New Energy's vehicles under Feiyue Group might need a larger quantity of chips at any time, as well as other products, which also need chips.

"Mr. Wang, as you know, the development of the chip industry isn't achieved overnight. Look, even a 5nm process technology lithography machine took so many years to develop, so you can't get fat with one bite."

Ding Yue shrugged and said to Mr. Wang with a calm smile, "Mr. Wang, your personal visit to Mist City Arts and Science University clearly shows that Guoxing Technology Group is sincere about cooperation. Since that's the case, Miss An, please tell Mr. Wang how many lithography machines we can provide Guoxing Technology Group per year."

After finishing speaking, Ding Yue turned his gaze to Miss An.

Miss An immediately followed Principal Ding's lead and said: "Mr. Wang, based on our Feiyue Group's production capacity for 5nm process technology lithography machines over the next three years, we can supply you with fifty units per year. What do you think?"

"Fifty units?"

Wang Liwu was immediately stunned upon hearing this.

He was dumbfounded.

Just now he had asked for one hundred units, but goodness, it was directly halved by Miss An and Principal Ding.

"What? Mr. Wang, are you not satisfied with fifty units?" Ding Yue asked straightforwardly.

Wang Liwu: "..."

"What? Or do you not want the fifty units?"

At this point, Miss An also echoed Principal Ding's words.

Wang Liwu: "..."

Wang Liwu understood that Principal Ding had made up his mind not to sell all the lithography machine production to Guoxing Technology Group.

With Principal Ding's determination, it seemed no matter what he said, it would be hard to get any more.

"Principal Ding."

Still, Wang Liwu felt somewhat reluctant.

"What's the matter? Is the food not to your taste?" Ding Yue, hearing Mr. Wang call him, immediately raised his head and asked with a smile.

Seeing Principal Ding change the topic, Wang Liwu completely understood.

"It's delicious, the taste of home-cooked meals here is really good." Wang Liwu was helpless and could only play along with Principal Ding. As for the lithography machines, bringing it up again would be tactless.

But if he didn't continue to talk about the lithography machines, then it would be equivalent to accepting what Principal Ding had just said about providing fifty units of lithography equipment.

Difficult!

"Then eat more." Ding Yue said with a smile.

And so, the conversation between Wang Liwu and Ding Yue shifted from discussing lithography machines to talking about delicious home-cooked meals, and then to scenic world travels.

After the meal.

Ding Yue personally escorted Mr. Wang to the hotel for rest.

Afterwards, Ding Yue and Miss An left the hotel together and headed towards the apartment building.

"Principal Ding, do you think Mr. Wang will still discuss the number of lithography machines?"

On the way, Yu Jia asked Principal Ding.

"It's hard to say."

Ding Yue spread his hands and said, "Guoxing Technology Group will definitely not easily give up on nearly doubling their lithography machines, so I think Mr. Wang will definitely discuss this again with the Guoxing Technology Group board over a video call tonight, and if nothing unexpected happens, he will still discuss this matter with us tomorrow."

"Then, Principal Ding, should we stick to fifty units?"

Yu Jia asked again.

"Yes, fifty is already our [Limit], and beyond that, we still need to build our own industry, right?" Ding Yue said with a calm smile.

In the long run, it's not good for Guoxing Technology Group to be the only company in the country capable of manufacturing chips, so Feiyue Group is also preparing to set up a company specifically for chip manufacturing, to establish a complete industry chain in the chip sector for ourselves.

Besides, the lithography machines and etching machines were originally developed by Mist City Arts and Science University. Using our own developed lithography machines to start a company dedicated to chip manufacturing, there's nothing wrong with that, right?

"So the rest will be used by us to establish our own complete chip industry chain for Feiyue Group?"

Yu Jia looked up at the handsome face of Principal Ding under the street lamp and asked.

"Yes, since we've mastered the technology of making lithography machines, why not control the industry chain ourselves? In this way, even if we do not expand to threaten the development of Guoxing Technology Group, we can still ensure that our chips are not controlled by outsiders."

Ding Yue stunningly answered.

"Principal Ding makes a good point, as an old saying goes,"

Yu Jia nodded and said.

"One should never be malicious but always be cautious, right, Miss An?" Ding Yue smiled.

"Yes, Principal Ding."

Yu Jia understood that what Principal Ding meant by this was that Mist City Arts and Science University and Feiyue Group would certainly not harm Guoxing Technology Group.

When Yu Jia discussed this matter with Principal Ding originally, it was planned because Guoxing Technology Group is very important to Xia Country's chip industry. It couldn't just be allowed to collapse due to their actions, especially considering the size of Guoxing Technology Group and its influence. If it really were to be brought down by Mist City Arts and Science University and Feiyue Group, then they would likely be slandered for a lifetime.

Thus, being cautious is even simpler.

I won't bring down Guoxing Technology Group, but I must prevent them from becoming a great threat to us once they grow strong.

Imagine, if Mist City Arts and Science University and Feiyue Group end up selling all the manufactured lithography machines to Guoxing Technology Group, then Guoxing would completely control the domestic manufacturing and output of 5nm chips.

Although Guoxing Technology Group cooperates very closely with Feiyue Group, creating any chips and any amount of chips that Feiyue Group needs right away.

But the situation where Guoxing Technology Group becomes "inflated" might unavoidably occur over time.

What if for some reason, Guoxing Technology Group stops supplying chips to Feiyue Group?

Then the industries under Feiyue Group like intelligent robots, Feiyue Future New Energy cars, etc., would be impacted.

Therefore, Ding Yue will absolutely not allow his lifeline to be controlled by others!

"Alright Miss An, we still have to deal with Mr. Wang in the upcoming days, you go back and rest well." After saying this, Ding Yue walked towards his apartment building.

#### Chapter 1504: Go Full Throttle in Production

The Golden Week holiday has passed in the blink of an eye.

The campus of Mist City Arts and Science University has once again become lively, with at least more than half of the students having gone out to travel or returned home during the vacation.

Now that the holiday has ended, students have gradually returned to the campus and resumed their daily university life.

With nearly 200,000 students at Mist City Arts and Science University, one can imagine how bustling it is.

During this holiday, Mist City Arts and Science University also achieved a lot.

First and foremost was the university's official announcement during the vacation that they had developed and mastered the domestic 5-nanometer chip technology, including advanced equipment technology such as lithography machines and etching machines, which significantly elevated Mist City Arts and Science University's reputation both domestically and internationally.

From then on, the entire world's landscape in the field of chips has undergone a tremendous change.

From now on, Xia Country will no longer be hindered or suppressed by other countries due to deficiencies in chip technology, and no one can bully us in this area anymore.

October 8th.

Administration Building of Mist City Arts and Science University, Principal's Office.

"Principal Ding, Xia Science Institution has relayed a message that the Science and Technology Agency has officially submitted our domestic 5-nanometer chip technology for this year's National Science and Technology Award."

In the office, Secretary Wen Ruohan began to report work information to Principal Ding.

Wen Ruohan learned about the Science and Technology Agency's nomination for the National Science and Technology Award yesterday, and she reported it to Principal Ding first thing after getting to work today.

"Yue, awesome, awesome, we can win another National Science and Technology Award. With this, our Mist City Arts and Science University will definitely receive even greater attention."

In the office, Huang Youjie spoke excitedly and eagerly.

Huang Youjie was in Ding Yue's office mainly because today was the first day after the vacation, and Huang had come to report on the logistics side as well as the progress of the lawsuit against Surging News and Newcomer Report, both unethical media outlets.

Xu Bin was also here besides Huang Youjie.

Xu Bin was not here to report on work, but he was pulled into the office by Huang after bumping into him.

"The National Science and Technology Award was expected."



Xu Bin said calmly, "If even the technology of a 5-nanometer process lithography machine could not win the National Science and Technology Award, then the only other breakthrough would be nuclear fusion from a research institution."

"Hahaha."

Upon hearing this, Huang Youjie couldn't help but burst into laughter.

Nuclear fusion is a bottleneck that is difficult for humanity to break through; after all, if humans were to break through nuclear fusion, then the future of human civilization would take a qualitative leap into the spacefaring era commonly seen in science fiction novels, posing no problem at all.

After all, at this stage, the energy propulsion technology of humanity is hardly enough to allow a spaceship to approach the speed of light, making it extremely difficult to explore the vast universe.

But if humans achieve controlled nuclear fusion, then energy will be abundant, not only solving the energy crisis but also giving humanity more resources to explore the vast cosmos, with corresponding propulsion technologies also advancing by leaps and bounds.

By then, the entire solar system would be within easy reach for humanity.

Even Proxima Centauri, located 4.2 light-years away, would not be impossible to explore and develop.

In Ding Yue's view, waiting for nuclear fusion technology to be developed in the current international environment might as well wait for more hope from his own Mist City Arts and Science University, crucially because the [controlled nuclear fusion] technology is not absent in his university system.

Although, his Mist City Arts and Science University has not yet reached that stage, Ding Yue checked and it seems it's not too far off.

Therefore, sooner or later, Ding Yue is determined to acquire this black technology of controlled nuclear fusion.

By then, achieving humanity's interstellar exploration era within his lifetime would be quite nice, at least that's one of Ding Yue's wishes.

Listening to Huang and Xu Bin talk about nuclear fusion, these thoughts came to Ding Yue's mind.

He thought a bit too much for a moment.

Instead of thinking about this now, he might as well consider how the progress is going with the iron battle suit built on the basis of the cold fusion energy device.

"This time's National Science and Technology Award will definitely not be awarded to an individual, this is an award that a group should receive." Ding Yue said calmly, "Winning another National Science and Technology Award would be just like Huang said, our Mist City Arts and Science University will definitely attract more national attention, becoming a nationally recognized first-class university is not impossible."

"Exactly, right now our Mist City Arts and Science University is a national key university, stepping up another level would make us a nationally recognized first-class university."

Huang Youjie nodded vigorously.

"Being just a first-class university is not enough; we need to aim to build at least a Double First Class University," Ding Yue said with a smile.

"Yue, having first-class disciplines is definitely not a problem for us, just our computer science department alone qualifies as a first-class discipline, let alone other strong departments and schools like mechanical and architectural studies. Since we can obtain a first-class discipline, then becoming a nationally recognized first-class university is next, making it easy for us to achieve Double First Class status," said Huang Youjie.

Chapter 1505: Going Full Throttle in Production \_2

Xu Bin analyzed and said.

"Naturally. Just wait for the good news."

Ding Yue believed that it was only a matter of time before his Mist City Arts and Science University would be accredited as a Double First Class University, and it all depended on when the Department of Education would finalize this matter.

If he wanted to know the news earlier, he could later go to Director Xiao Wenxing to inquire about related news.

Even if, for various reasons, Mist City Arts and Science University did not become a Double First Class University in these two years, once Director Xiao Wenxing got promoted, he believed that Director Xiao Wenxing would certainly make an effort for Mist City Arts and Science University to be promoted to a Double First Class University.

"Wen Ruohan, did Elder Li and the others arrive safely in Yancheng?"

Afterward, Ding Yue raised his head and asked his secretary Wen Ruohan.

During the vacation, Elder Li and others had visited Mist City Arts and Science University to see the 5-nanometer process photolithography machine manufactured by the university. They stayed in Mist City Arts and Science University for a few days and only took a flight back to Xia Science Institution in Yancheng yesterday.

"Yes, Elder Li and the others have all arrived safely in Yancheng," Wen Ruohan answered.

"That's good."

Only then did Ding Yue feel relieved.

He was waiting for Miss An Yujia to come over and report on the final outcome of the negotiations with Guoxing Technology Group.

During the vacation, Ding Yue delegated the specifics of the negotiation to An Yujia to interface with Mr. Wang Liwu. Over the past few days, he had taken a good rest. Now that the vacation was over, it was time to "go to work."

Being a good principal was Ding Yue's biggest job at present.

Knock! Knock! Knock!

Indeed, just as Ding Yue was considering the negotiations between An Yujia and Wang Liwu, there came a knock at the door of the office, accompanied by the voice of Miss An: "Principal Ding."

"Come in."

Hearing it was Miss An Yujia's voice, Ding Yue immediately invited her in.

"Principal Ding, Mr. Wang from Guoxing Technology Group has left."

An Yujia entered and then announced.

An Yujia was one of those career-driven women who handled matters and spoke in a crisp and efficient manner.

"Alright, how did the final talks go? When will the contract be signed?" Ding Yue nodded slightly and then looked at An Yujia to ask.

Ding Yue estimated that the outcome should be similar to what he had discussed with Mr. Wang Liwu. Even if Mr. Wang wanted to fight for more benefits for Guoxing Technology Group, it was probably quite difficult now.

"Principal Ding, it's already been signed. Here's the contract for you to look at."

An Yujia approached, stood in front of Principal Ding's desk, and directly handed the contract to him.

Well, that's efficient!

This actually came as a bit of a surprise to Ding Yue.

Because, in Ding Yue's estimation, Guoxing Technology Group would definitely take a long time to consider this contract. With the addition of the procedural formalities, he thought it would take at least two or three months to finalize.

"That fast?"

Ding Yue expressed his astonishment and then took the contract An Yujia handed over, prepared to have a look.

However, after An Yujia handed over the contract to Principal Ding, she quickly continued to report: "After that, Mr. Wang and the board of directors of Guoxing Technology Group discussed for another two or three days and then reached out to me to continue discussing this matter."

"And what was the final outcome?"

Ding Yue looked up and asked.

"Ultimately, we insisted on selling 50 photolithography machines per year to Guoxing Technology Group, and they have accepted the offer. The contract has been signed. Starting next year, we will provide them with 50 units of 5-nanometer process technology photolithography machines every year."

An Yujia answered.

"Hmm, good. Next year, can we get the production of photolithography machines up and running?" Ding Yue asked again.

This matter was naturally An Yujia's responsibility.

The production of photolithography machines requires a large number of cutting-edge equipment and a large number of technical personnel. Tong Yihang and Luo Peng belong to the R&D team. Using them in the production of photolithography machines would be an underutilization of their talents.

This would definitely not be cost-effective!

Therefore, as before, it is necessary for Tong Yihang and Luo Peng to train a group of production and manufacturing technicians for photolithography machines first. Afterwards, they can continue to participate in the further R&D of photolithography machines.

"Well, funding is definitely not an issue, the key is the technical aspect. In the early stage of producing photolithography machines, Tong Yihang and Luo Peng's involvement is indispensable. But, Principal Ding, do you plan to let them continue to work on the R&D of photolithography machine projects?"

After thinking for a moment, An Yujia asked.

"Exactly, we will still pursue the 3-nanometer process technology photolithography machines later. But before that, we need to ramp up production and get the 5-nanometer process technology photolithography machines up and running,"

Ding Yue pondered and nodded in agreement.

"Then, how about we let students Tong Yihang and teacher Luo Peng provide training at the company for a while? Once we have trained the technicians for producing and manufacturing the photolithography machines, then they can do the research. How does that sound?"

An Yujia suggested.

Because An Yujia knew that this was the best choice, otherwise the production of photolithography machines would be very slow. At that rate, not to mention producing a hundred units a year, even the fifty units contracted with Guoxing Technology Group might not be deliverable.

"Hahaha, that's exactly what I was thinking."

Ding Yue nodded his head and then turned to his secretary Wen Ruohan and said, "Xiao Wen, please let teacher Luo Peng and student Tong Yihang know they need to come over."

"Okay, Principal Ding."

Upon receiving Principal Ding's instruction, Wen Ruohan immediately took out her phone to contact student Tong Yihang and teacher Luo Peng.

"Yue, the production and manufacturing of photolithography machines are very complex and the technical requirements are high. But rest assured, our computer team will definitely be able to provide technical support, whether it's for training or going directly to the front lines,"

At this moment, Xu Bin confidently said from the side.

"Hahaha, we really rely on Director Xu."

After hearing this, Ding Yue laughed and said.

Soon after, Wen Ruohan notified teacher Luo Peng and student Tong Yihang, and several of them arrived.

About seven or eight people, all top elites in precision machinery processing.

"Principal Ding."

Seeing Principal Ding, everyone greeted him.

They knew that if Principal Ding was asking to see them, there must be some task to be assigned.

During the holiday celebration banquet, everyone won generous prizes from the lucky draw. Moreover, the bonus for Principal Ding's 10 billion photolithography machine project team, which was awarded to core members such as Tong Yihang, Liu Tiefei, and Luo Peng, was more than they had ever anticipated.

It was unprecedented for scientific researchers to receive such a large bonus!

"Well, come and have a seat,"

Ding Yue said to them with a smile.

These people are the treasured assets of Mist City Arts and Science University. The future, whether it's about creating the virtual Metaverse or exploring the vast cosmos, which of these could be achieved without the vital component of chips?

"I've called you over today mainly because Miss An has negotiated a cooperation on photolithography machines with Guoxing Technology Group," Ding Yue stated openly to everybody: "You all know that after the technology for photolithography machines is developed, we will start production and move onto the industry chain of chip manufacturing. However, producing photolithography machines is not so simple, and at the beginning, we will still need your help."

Principal Ding's words were very clear to people like Tong Yihang and Luo Peng.

"Principal Ding, the production and manufacturing of photolithography machines, although simpler than research and development, are still highly challenging," teacher Luo Peng nodded and said, "It's going to take some effort."

Chapter 1506: Iron Suit No.1 Debuts

"Overcome difficulties!"

These were the words Ding Yue entrusted to Teacher Luo Peng and student Tong Yihang.

Even if there are some difficulties and challenges, they must be overcome. Strive to complete the training of the first batch of photolithography technicians by the end of this year, and then start the production and manufacturing of photolithography machines, etching machines, and other equipment in the new year.

As for funding as well as other equipment needed for the manufacturing of photolithography and etching machines, Ding Yue will provide them as soon as possible. After all, these basic pieces of equipment can be solved with financial capability.

"Alright, Principal Ding."

Upon hearing this, Teacher Luo Peng immediately nodded. Since Principal Ding has said so, they must surely be confident because Principal Ding will certainly support them with all his might.



"Director Xu, your computer science department must also cooperate well with Teacher Luo Peng and the others. According to the planning of the school and the company, strive to complete the first batch of technicians capable of manufacturing photolithography machine equipment by the end of this year. Can you do it?"

Ding Yue looked at Xu Bin and Luo Peng and asked.

"There won't be any problem on our end."

Xu Bin calmly stated.

After thinking for a moment, Teacher Luo Peng also firmly nodded and said: "Rest assured, Principal Ding. We will give it our all to accomplish this mission by the end of the year."

"Good, I believe you can definitely do it."

Ding Yue's confidence was very strong.

The people under his command were the elite of the elite from Mist City Arts and Science University, and every piece of technology renowned domestically and even globally from the university was something they had a hand in, wasn't it?

"Principal Ding."

Suddenly, Tong Yihang stepped forward and called out to Principal Ding in a low voice.

"What's the matter?"

Ding Yue turned around and looked at Tong Yihang, asking with curiosity.

"Well, it's just that..."

Tong Yihang, seeing that there were quite a few people around, did not say what he wanted to say.

"It's okay, just speak your mind."

Seeing that Tong Yihang seemed a bit hesitant or afraid to speak his mind, Ding Yue reassured him.

"Principal Ding, the item you had us manufacture last time, it's ready." With that, Tong Yihang brought up the matter.

Earlier this year, Principal Ding had already asked Tong Yihang and Liu Tiefei to create the Iron Suit. They naturally proceeded in secret. While they participated in the photolithography machine experiment, they also used their spare time to manufacture this Iron Suit for Principal Ding.

Obviously, Tong Yihang and Liu Tiefei knew it was a steel suit wearable by a person, but they did not know what Principal Ding intended for this creation.

Could it be for military use?

As the most trusted mechanical talents under Principal Ding, Tong Yihang and Liu Tiefei also very well understood that it's best not to ask about things that should not be asked, otherwise, it would only bring trouble upon themselves.

"Really?"

Upon hearing this, Ding Yue's eyes lit up as he smiled and asked, "That fast, huh? I didn't expect you to be so efficient. Even while involved with the photolithography machine project, you managed to construct my Iron Suit. Impressive, impressive!"

Ding Yue didn't mind discussing this with Tong Yihang and Liu Tiefei. After all, wanting an Iron Suit himself and considering his knowledge and skills, he definitely could not create one without the help of Tong Yihang and Liu Tiefei.

And Tong Yihang and Liu Tiefei were not fools, knowing clearly what it was once they received the blueprints and constructed the Iron Suit according to those blueprints.

"The task Principal Ding has assigned must be given priority, of course. But don't worry, Principal Ding. Although we made it quickly, every part, every component, and every precision machining has been completed flawlessly," said Tong Yihang with full confidence.

Ding Yue was very trusting of Tong Yihang and nodded with a smile, "Very good. Since this was a private endeavor for me, I will provide you with the appropriate compensation."

"No need, Principal Ding, no need, hehe," Tong Yihang hurriedly waved his hand and said.

Principal Ding was already very good to him on ordinary days. Just by participating in these projects, Tong Yihang had made a lot of money, perhaps more than he could ever earn in a lifetime working at another tech company.

"No, no, no, listen to me. Things should be kept separate," Ding Yue shook his head and said with a smile: "For crafting this Iron Suit for me, you have expended effort and hardship, as well as your knowledge and skills. Naturally, you should receive compensation."

"Uh, well, okay then," Tong Yihang said, seeing that Principal Ding insisted.

"Yes, in a few days, I will transfer the compensation to your bank accounts. Rest assured, it will be substantial," Ding Yue said with a chuckle.

"Thank you, Principal Ding."

Tong Yihang said excitedly: "We are ready at any time to perform maintenance on the Iron Suit for Principal Ding. But honestly speaking, your Iron Suit is truly cool."

"Hahaha, it's just for a bit of fun," Principal Ding laughed.

Chapter 1507: Iron Suit No.1 Makes Its Debut \_2

Ding Yue said with a smile.

Regarding this set of Iron Suit, Tong Yihang and Liu Tiefei had already signed a secrecy agreement when they were crafting it. They are not allowed to tell anyone else about the Iron Suit.

"Yue, what are you guys talking about here?"

At this moment, Huang Youjie came over with curious inquiries.

"Just some other work-related stuff." Ding Yue glanced at Huang Youjie and replied nonchalantly.

Even for Huang, the affair of his Iron Suit is not something he can be let in on.

The only ones now aware of his endeavor to construct the Iron Suit are Tong Yihang and Liu Tiefei, along with his clever sister Ding Xiaoyou, who guessed it on her own. Apart from them, there's also Xu Bin, since the Iron Suit Ding Yue intends to build will inevitably be equipped with the AI robot Big White. To integrate Big White's artificial intelligence technology into the Iron Suit, Xu Bin's assistance is essential, as Ding Yue himself lacks the formidable computer skills.

"Oh oh."

Upon hearing this, Huang Youjie asked no further and went to mingle with others.

"Bin, come here for a sec."

Ding Yue then called Xu Bin over.

This matter would have to be discussed with Bin sooner or later. Since Tong Yihang and others have already crafted the Iron Suit, it's time to let Bin in on it. After the explanation, he'll have Bin help load the AI Big White into the Iron Suit and install the cold fusion energy device. Then, a complete set of Iron Suit is finished, and he can look for an opportunity to transform into Iron Man and experience the thrill of being Iron Man.

"Hmm?"

Seeing Yue calling for him, Xu Bin approached and asked, "What's up, Yue?"

"Bin, do you remember the toy I mentioned last time that I wanted to make?" Ding Yue said to Xu Bin with a smile.

"Oh really?"

Xu Bin perked up with curiosity: "Did you make it? What kind of toy is it?"

Truthfully, Xu Bin was quite interested in the toy Ding Yue was creating.

"You'll know once you come and see it later," Ding Yue mysteriously said: "But I'll need your help to load the AI robot Big White into this toy of mine."

"Man, you're using Big White's AI technology, and you call this a toy?"

Xu Bin was startled at the revelation.

A toy, at Yue's level, must already be quite high-end.

"Just made it for some fun, so why wouldn't it be a toy?" Ding Yue continued with a laugh.

"Hehehe, what kind of toy are you guys talking about?"

Just then, Ding Xiaoyou, who had been around for a while, came over chuckling with questions.

"When did you get here?"

Seeing his sister Ding Xiaoyou, Ding Yue asked in confusion.

He hadn't seen his sister Ding Xiaoyou in his office just now, so how did she just pop up before him?

This was kind of spookily surprising!

"Just now."

Ding Xiaoyou continued to reply with a giggle.

"Ah, Xiao You, we weren't talking about anything." Xu Bin, seeing this, tried to brush it off.

However, Ding Yue glanced at Xu Bin and then said, "Bin, don't brush her off, this kid knows everything. Besides, the most critical part of my toy was figured out by her."

"What?"

Xu Bin was even more astonished upon hearing this.

Man, oh man!

Since Tong Yihang is here, it means the toy must be related to mechanics, likely precision mechanics, and now he is to help load AI technology into the toy.

And none of these are the most important part?

The most crucial part was actually figured out by Ding Xiaoyou?

Then what kind of technology is it?

This made Xu Bin even more puzzled and curious.

"Hehehe, Brother Xu Bin didn't expect that, huh," Ding Xiaoyou said, beaming.

"You cheeky girl, you're quite something, eh." Xu Bin gave Ding Xiaoyou a look and commented.

"Alright everyone, prepare well for the tasks assigned today after you go back," Ding Yue told everyone in the office and then said to Tong Yihang and Liu Tiefei, "Come on, take us there."

"Brother, is it ready?"

Ding Xiaoyou hurriedly leaned in closer and asked her brother Ding Yue in a low voice, "Is the Iron Suit made?"

"Mhm mhm, Tong Yihang just came and told me it's done, but it hasn't had AI Big White loaded into it yet. You know, without artificial intelligence, such equipment would just be a pile of scrap metal, right?"

Ding Yue said calmly.

"No, no, that's not right. Without my cold fusion energy device, it would have been just a pile of scrap metal, hee hee hee." Ding Xiaoyou said proudly.

"Exactly, without your cold fusion energy device, it would have been nothing but scrap iron."

"Of course, my little sister's cold fusion energy device is the most important," Ding Yue offhandedly agreed.

"Naturally."

Feeling her brother's strong affirmation, Ding Xiaoyou was incredibly proud.

About fifteen minutes later.

Ding Yue, Xu Bin, and Ding Xiaoyou, following Tong Yihang and Liu Tiefei, arrived at the center of the research base.

At the center of the research base, there was a mechanical laboratory dedicated to Tong Yihang and Liu Tiefei, and this was where they built the steel armor suit for Principal Ding.

"Principal Ding, this way."

Tong Yihang led Principal Ding into the mechanical laboratory.

Ding Xiaoyou and Xu Bin also followed in.

Ding Yue looked around and seemed not to find his steel armor suit anywhere.

"Where is it?"

After looking around, Ding Yue turned to Tong Yihang and asked.

"Principal Ding, over here."

Tong Yihang went to a wall and pressed a button on it!

Click, click, click!

Suddenly, a wall, like a mechanical switch, clicked open to reveal a storage space behind it, and inside this storage space, there stood a suit of steel armor in alternating gold and red!

Yes, it was crafted in the style and colors of Iron Man's armor suit.

Ding Yue called this suit of armor Iron Suit No.1.

"Brother, why is there only one suit?"

After seeing the steel armor suit, Ding Xiaoyou couldn't help but ask curiously.

Her brother had clearly promised to make her a suit too.

"They only had so much time and energy; they couldn't have possibly made two suits so quickly. Don't worry, your suit will definitely not be missing," Ding Yue rolled his eyes at his little sister.

"Oh, well, alright then."

Ding Xiaoyou wasn't unreasonable and knew her brother was right; after all, Tong Yihang and Liu Tiefei were not magicians.

"Principal Ding, what do you think? Are you satisfied?" Tong Yihang asked with a smile.



Considering the texture, style, and color of this set of steel armor, Ding Yue was extremely satisfied and couldn't help but admit that Tong Yihang and his team knew him well—the finished product was almost identical to the design blueprints.

"Holy cow, Yue, this outfit is so cool!"

Upon seeing the steel armor suit, Xu Bin's eyes were fixed on it, completely captivated.

Which guy wouldn't be bewildered after seeing this thing?

If this were made public, it would probably cause a worldwide sensation.

"It really is cool."

Ding Yue couldn't help but exclaim in admiration.

"Tong Yihang, so this Iron Suit can be directly integrated into the system now, right?" Ding Yue turned his head and asked Tong Yihang.

"It can," Tong Yihang nodded and said, "But... this thing consumes a lot of energy. It uses a lot of electricity when powered on; once it's connected to the power, we can load it into the system."

"Alright."

Upon hearing this, Ding Yue smiled and said, "The energy issue is not a problem; it has been resolved."

When Ding Xiaoyou heard her brother say that the energy problem had been solved, a proud smile appeared on her face.

"Then Bin, it's up to you now," Ding Yue then looked to Xu Bin.

What needed to be done now was for Xu Bin to load the artificial intelligence Big White into the Iron Suit.

"No problem."

Xu Bin gave an OK gesture; this was all a piece of cake.

## Chapter 1508: Uninhabited Area

If this iron suit does not have a manned artificial intelligence system, then it is just a pile of cold mechanical steel.

At least, that's how Ding Yue sees it.

Although every component of this iron suit employs the most cutting-edge mechanical processing technology, its technical difficulty is incomparable to ordinary mechanical engineering.

"Has the damping system of this iron suit been tested, Tong Yihang?"

Ding Yue stared at the iron suit that he had Tong Yihang and others create for him, asking seriously.

The most crucial part of the iron suit is not its intricate mechanical structure, but its damping system.

The damping system, undoubtedly, is what protects the life of the person inside the suit when falling from a great height.

Therefore.

Even in "Iron Man", the damping system of the iron suit is an essential part.

"Principal Ding, we have conducted a simulation test, and the damping system of this iron suit is very powerful; even from a height of several kilometers, there should not be a big problem,"

Tong Yihang replied.

"The damping system used in the mechanical structure was specially designed by us, but we have only conducted simulation tests, not sure how it differs from actual testing conditions."

Liu Tiefei added.

Upon hearing this, Ding Yue had a rough idea in mind.

Although this iron suit could help him fulfill his wish to experience being Iron Man, Ding Yue would definitely not personally test the damping system.

Only after actual testing would Ding Yue dare, or be able to wear this iron suit to experience what it feels like to be Iron Man.

After all, safety first.

Life is the most important thing, especially since he is now worth over a hundred billion, and there are many places in the world waiting for him to explore and pioneer. He cannot risk his life for the experience of being Iron Man, even if the chance of an accident is extremely low.

"Then let's conduct an actual test today."

Ding Yue said calmly.

"Ah, we're doing the actual test today?" Tong Yihang briefly paused after hearing this.

This seemed somewhat abrupt.

"Is there a problem?"

Ding Yue looked at Tong Yihang and Liu Tiefei, asking.

"There's no problem with the actual test, but the issue is the energy of the iron suit, what kind of energy should be used to allow it to soar thousands of kilometers high in the sky?"

Tong Yihang raised his concern: "Graphene batteries might not be powerful enough, and with high consumption, the endurance will also be insufficient. In this case, even if we do actual testing, issues may arise due to lack of energy, so I suggest not to proceed with the actual testing until we resolve the energy issue."

"Graphene batteries are not sufficient either?"

Director Xu Bin, who was preparing computer equipment nearby, asked with confusion.

After all, the energy contained within a graphene battery is substantial, capable of driving a Feiyue Future New Energy car for thousands of kilometers.

Furthermore, Feiyue Technology could surely produce even more impressive graphene batteries, and yet these are not capable of powering the iron suit?

"Director Xu, the energy requirements for driving this iron suit are quite high because it is made of pure hard composite steel, space-grade, and very heavy,"

Tong Yihang briefly explained to Director Xu Bin.

"Oh, then how can it be driven?" Xu Bin asked with open hands.

At that moment, Ding Yue smiled lightly and said, "Naturally, there is an energy device that can drive it, developed by Xiao You. The specifics involve technical secrets, so I will not divulge them to you all."

"Hahaha, gotcha, Yue."

Director Xu Bin did not ask further.

Tong Yihang and Liu Tiefei also did not ask more, because they knew Principal Ding's sister, Ding Xiaoyou, specialized in energy technology research.

However, what Tong Yihang and Liu Tiefei did not know was that what Ding Xiaoyou had developed this time was a cold fusion energy device, a device capable of creating immense energy, far more than just a better form of graphene battery.

In reality, the cold fusion energy device developed by Ding Xiaoyou was not just slightly more powerful than graphene batteries; they were fundamentally different.

"Yue, then I'll connect Big White to the system now, use this."

Director Xu Bin took out a laptop from his equipment box, and besides that, a small box.

This laptop was not an ordinary laptop, but one that Xu Bin had customized for himself, with specifications that could be said to be the best on Earth, as this laptop could meet most of Xu Bin's computing technology operations.

Chapter 1509: Uninhabited Area \_2

As for that little box, Ding Yue probably already guessed what it was.

"A chip?"

Ding Yue looked at the little box in Xu Bin's hand and asked.

"That's right, this is the third chip produced by our photolithography experiment team. The first chip is currently stored and will not be used, the second chip is already in this computer of mine. This third one, it seems, will be used in your set of iron armor; afterwards, with additional chips, let's upgrade the chip system in Big White."

Xu Bin smiled and nodded.

The Technology Research Base Center of Mist City Arts and Science University can now manufacture its own chips.

But it can only produce a very limited amount, as there is only one newly developed photolithography machine with a 5 nanometer process technology and etching equipment here.

Chips are very important for any mechanical products.

Anything that involves automation or intelligent control cannot operate without a chip.

Unless the mechanical product is neither automated nor intelligent, but in this day and age, non-automated or non-intelligent machinery is just too inefficient.

And like the set of iron armor that Ding Yue wants, it naturally has to be automated and intelligent.

You wouldn't expect to put it on manually, would you?

The difficulty of that is not ordinary at all.

"Okay, you may start."

Ding Yue told Xu Bin.

Then, Ding Yue said to secretary Wen Ruohan, "Xiao Wen, please get ready."

After speaking, Ding Yue turned around and said to his sister Ding Xiaoyou, "Little sister, go get your cold fusion energy device as well, we will depart soon to find a secluded place around Mist City to test this set of iron armor."

"Alright."

Ding Xiaoyou also wanted to see how cool this set of iron armor would look during testing, so upon hearing this, she immediately turned around and headed towards the research base center.

Quite fast, Xu Bin had loaded the artificial intelligence system Big White into the iron suit; perhaps Xu Bin had already mastered such technology, making the process quite speedy.

"It's done."

Xu Bin pressed the enter key on the computer and then confidently said, "Now, the system inside this iron armor is already linked with Big White."

The main system program of the artificial intelligence Big White is in the chip inside Big White's "body", this iron armor using the chip to load Big White can only be considered a "replica".

"That fast?"

Ding Yue was surprised at how quickly Xu Bin had set up the intelligent system.

"Of course, who do you think I am!"

Xu Bin folded his arms and said confidently.

"Alright, Tong Yihang, get ready to put on this iron armor; we are preparing to depart."

Ding Yue then instructed Tong Yihang and Liu Tiefei.

Soon they would depart to the secluded mountains around Mist City, where Ding Yue planned to test the intelligent flight program of this suit of iron armor, as well as systems like shock absorption.

As for whether or not to wear this set of iron armor today, that's another story.

But Ding Yue guessed that today it is very likely he will not wear this suit of iron armor, as today is just for testing purposes only.

"Yue, if this can fly, wouldn't it be like a flying fortress?"

Xu Bin curiously asked on the side.

"Flying fortress sounds so awful, this is called iron armor."

Ding Yue rolled his eyes and muttered.

"Iron armor, that name does sound pretty good." Xu Bin touched his chin and muttered.

Once Xu Bin finished setting up the chip and the intelligent system, Tong Yihang and others started packing up this suit of iron armor.

This suit of iron armor looks like a humanoid, but it can be disassembled when not in use, after Tong Yihang and others disassembled the iron armor, they placed it into a metal box.

This metal box, along with this suit of iron armor, is not ordinary heavy!

However, for the mechanical enthusiasts Tong Yihang and Liu Tiefei, this wasn't difficult at all. After all, robotic arms were already being used in their lab. What was this little weight to a robotic arm?

Not only that, Tong Yihang and Liu Tiefei often enjoyed designing mechanical devices that facilitated the daily transportation of heavy objects. With such tools, transporting the iron suit along with its metal case would be much easier, hardly a big issue at all.

"Principal Ding, it's ready after mounting it in the case."

Tong Yihang reported to Principal Ding.

Meanwhile, the secretary Wen Ruohan had already prepared the car, naturally, it was Principal Ding's Feiyue Future New Energy vehicle. Her sister, Ding Xiaoyou, had also brought over the cold fusion energy device she developed.

The cold fusion energy device had already been scaled down by Ding Xiaoyou to a very small size, similar to the Ark Reactor in "Iron Man" that Ding Yue had originally envisioned.

"Are all set?"

Ding Yue checked, seeing that the iron suit was already packed.

The cold fusion energy device was also brought along.



The artificial intelligence robot Big White was brought over by the secretary Wen Ruohan, and the car was driven over, everything was ready to set out.

"Then, let's head out."

Ding Yue drove his own Feiyue Future New Energy vehicle, carrying secretary Wen Ruohan, his sister Ding Xiaoyou, the AI robot Big White, and the large metal case with the iron suit.

As for Xu Bin, he drove his Feiyue Future New Energy vehicle, took on Tong Yihang, Liu Tiefei, and others, and followed Ding Yue's vehicle. Together, they drove out of Mist City Arts and Science University towards the outskirts of the city.

On the map, Ding Yue found a secluded place.

Because conducting these flight tests and the like is naturally better in places with fewer people.

Thirty kilometers away from University Town, inside a big mountain, was a good choice. The area was densely forested and even inaccessible by car.

Eventually, Ding Yue and Xu Bin parked their cars outside the mountain, took everyone, and Big White personally carried the large metal case with the iron suit and started walking into the mountains.

Although the weight of the iron suit and the large metal case was significant, for the AI robot Big White, it was nothing.

It's known that Big White could easily lift loads as heavy as a thousand kilograms, let alone the iron suit and metal case.

About half an hour later, Ding Yue and the group arrived in the mountain.

"Should be no one around here, right?"

Ding Yue glanced around and said.

This was a valley within the mountains, with high mountains on both sides. Testing flight and such here would definitely be unproblematic.

"Is this location okay?"

Ding Xiaoyou murmured and asked.

"It's fine, there's no one else here." Ding Yue nodded, then said to Big White, "Alright Big White, just put it down here."

Upon hearing the master's command, Big White placed the large metal case it was carrying on the ground.

Then, Ding Yue turned his gaze to his sister Ding Xiaoyou.

The cold fusion energy device was in her hands, housed in a small metal box.

Click click click~

Ding Yue stepped forward, following Tong Yihang's instructions, and pressed a button on the metal case.

The next second, the metal case made clicking sounds and then automatically opened.

Inside the metal case, the whole set of iron suits looked so qualitative even though they weren't assembled.

It was a pity that the iron suit couldn't fly over and assemble itself on Ding Yue's body like in the movies. For wearing it, either Tong Yihang and others would handle it, or it would be done by robotic arms at the Technology Research Base Center.

After opening the metal case, Ding Yue saw where he needed to install the cold fusion energy device. It was in a recessed area.

"Xiao You."

After seeing the recessed area, Ding Yue directly called out to his sister.

"Coming."

Ding Xiaoyou, holding the cold fusion energy device box, walked over, then opened the box and squatted down, "Let me see, I want to personally install my energy device on this set of iron suit, hee hee hee."

"Okay, okay, do it yourself." Ding Yue moved aside.

Chapter 1510: First Flight Test of the Iron Suit

Ding!

Accompanied by this crisp sound, a fist-sized energy device was mounted onto the iron battle suit.

"Suddenly thought, isn't it supposed to wear the iron battle suit first, and then install the energy device?"

Upon seeing that his sister had already installed the energy device on the iron battle suit, Ding Yue couldn't help but raise such a curious question.

"Principal Ding, the sequence doesn't affect much; it's also feasible to install the energy device before donning the iron battle suit," explained Tong Yihang, who stood by, with a smile.

"Oh oh, that's good, that's good."

After hearing this, Ding Yue nodded slightly and then looked towards Tong Yihang, Liu Tiefei, and the others, saying, "Then let's begin."

Since this iron battle suit was not of the fully automated type, Tong Yihang and the other mechanical experts needed to personally instruct Ding Yue on how to wear it.

Ding Yue still preferred the fully automated type of suiting up portrayed in the movie "Iron Man," but to achieve that level of technology, further technological advancement was necessary.

Currently, it's manual suiting-up, but to be more precise, it should be considered semi-automated.

"Principal Ding, please stand here."

Seeing that Principal Ding was ready, Tong Yihang then instructed him to prepare to don the iron battle suit.

"Yue, are you saying we wear it ourselves for the flight test?"

Upon seeing this, Xu Bin asked in astonishment.

"No, not at all."

Ding Yue shook his head and said jokingly, "I'd like to keep my little life for a few more decades, you know. Right now, we're just doing a suiting-up test."

"Yes, Director Xu, we're only doing a suiting-up test for now. When it comes to the flight test, we'll definitely start with the unmanned mode," Tong Yihang quickly explained to Director Xu Bin.

"I thought so! Since when did you become so bold, Yue."

Xu Bin stroked his chin, muttering to himself.

"Well, you're implying that I'm timid now?"

Ding Yue gave Xu Bin a roll of his eyes and responded.

"Hahaha, Yue, you're overthinking," Xu Bin chuckled: "Let me see, just how dashing you'll look after suiting up in this iron battle suit!"

"Come on."

Ding Yue nodded and then took a step forward, walking up to a sizable metal case.

Following the guidance from Tong Yihang, Ding Yue stepped into a footprint-like spot inside the metal case.

Clearly, standing there would enable a smooth process of suiting up in the iron battle suit.

Although the process seemed somewhat clumsy, there was no helping it since this was only the first generation iron battle suit. Ding Yue also desired a nanotech-level suit like the ones Iron Man had later on in the movies, but alas, the current state of "black technology" simply wasn't there yet.

Click!

With Principal Ding positioned inside the metal case, Tong Yihang pressed a button on the case, and following that, the components of the iron battle suit inside the case began their partially automated assembly.

Clack clack clack!

As Ding Yue heard these mechanical, metallic sounds, his excitement was palpable.

This was what men loved!

Clack clack clack! Clang clang clang!

First, the iron battle suit components at his feet began to close up, followed by Tong Yihang's manual intervention; the chest piece of the suit also slowly rose from the metal case, and then gently moved in front of Principal Ding.

Tong Yihang approached Principal Ding, gave the iron battle suit a push, achieving a snug fit.

"Principal Ding, if you give us some more time, we could make it fully automated. But for that, we'll need Director Xu's help," explained Tong Yihang while assisting Principal Ding with the manual, semi-automated suiting-up, sharing the idea of future automated suiting and smart assisting.

"Mhm, mhm."

Hearing this, Ding Yue nodded his head and said with a smile, "Indeed, automated suiting would be better. However, it's already quite an achievement for you to reach this stage in your spare time from the lithography machine project."

At this moment, the expectations couldn't be too high. After all, Tong Yihang and Liu Tiefei had been hard at work on the lithography machine project up to this point. It was already impressive that they could spare the energy to develop an iron battle suit for him.

Once they had more time and energy, they could consider using an automated iron battle suit.

In fact.

Ding Yue considered that to achieve automatic suiting of each iron battle suit component, one option would be to use robotic arms to assist in donning the suit.

But Ding Yue had an even better idea, echoing the scenes in the movie "The Avengers," where Iron Man jumps from the Stark Industries Building and the components of the iron battle suit fly to him for automatic assembly – this was a concept that had a decent chance of being realized.

Ding Yue thought about equipping each component of the iron battle suit with a chip and, with the help of his smart AI Big White's program, he could achieve automated suiting.

"What can I help with?"

Stepping forward, Xu Bin asked with curiosity.