## F. University 711

Chapter 711: My Sister is a Top Student

This includes analyzing the region's topography, climate, soil, and other environmental factors, and then recommending what economic crops the local villagers are best suited to grow.

Then, they provide villagers with comprehensive knowledge and technical guidance on the cultivation, planting, and maintenance of these economic crops. At the same time, there would also be corresponding national beneficial policies accompanying this.

Ultimately, if everything goes well, villagers will reap a great harvest, making their wallets fatter.

By that time, the rural support work carried out by the College of Agriculture of Mist City Arts and Science University would be considered perfectly completed.

In just a blink of an eye, the campus shuttle bus of Mist City Arts and Science University disappeared from everyone's sight.

"Principal Ding, I am here, and I would like to wish you all the best in your rural support work of the College of Agriculture of Mist City Arts and Science University," Xiao Wenxing dropped his gaze on Principal Ding and said with a smile.

"Thank you, Director Xiao, for your strong support for our rural support work," expressed Ding Yue in thanks to Director Xiao's kind blessing.

"By the way, your university mentioned a while ago about applying for that plot of land to the north. Our Education Bureau has submitted it to the City Planning Department of Mist City. According to the information I've received, it's currently under discussion. I expect that there should be a result within this semester. I don't think there would be any major issues with the application."

Xiao Wenxing updated Ding Yue on the application for the plot of land exceeding ten thousand acres.

"That's great."

Upon hearing this, Ding Yue was overjoyed. With these words from Director Xiao, he felt that the application for the land to the north was pretty much a done deal.

Tens of thousands of acres, he doesn't have to pay much, because it is an educational allocation land. It suffices to pay a little to the official side, while commercial lands are very expensive, with every city authority making money by selling them one way or another.

"Principal Ding, I am going to..."

Xiao Wenxing was interrupted by the ringing of Ding Yue's phone before he could finish.

Ding Yue picked up his phone, glanced at the caller ID, and saw that it was his sister Ding Xiaoyou.

She was calling him at this hour, could it be?

"Director Xiao, excuse me, I have to take this call." If it had been a call from anyone else, Ding Yue would have ignored it since he was in the middle of a conversation with Director Xiao.

But since it was his sister Ding Xiaoyou, Ding Yue decided to answer it to find out what was going on.

"Hello, Xiao You, what's up?" Ding Yue asked immediately after picking up the call.

"Hahaha, guess what!" On the other end of the line, Ding Xiaoyou was as playful as ever.

"Guess? What's there to guess? Speak up; I'm here with Director Xiao. I don't have time to play a guessing game with you," Ding Yue said seriously.

"Hmm, okay, I'll tell you this, I've finished!" Ding Xiaoyou couldn't hide her excitement and joy as she spoke.

"What?"

Ding Yue was taken aback, but quickly realized what Ding Xiaoyou meant by "I've finished."

"Did you make the thing?" Ding Yue asked immediately, excitement evident in his voice.

"Yes, yes, hehehe, do you want to come and see the technological artwork that your sister has created?" Ding Xiaoyou laughed.

"Wait, I'm coming over immediately!"

Ding Yue felt utter relief after receiving his sister's affirmative response.

The graphene battery was finally developed, thanks to his sister's efforts!

"What's up, Principal Ding?" Seeing Ding Yue end the call, Xiao Wenxing couldn't help but ask, curiosity piqued.

Ding Yue took a deep breath, looked at Director Xiao Wenxing, his smile beaming brighter than ever, "Director Xiao, were you saying you're about to leave?"

"Yes. Now that the students and faculty of the College of Agriculture have been seen off, I'm ready to head back," Xiao Wenxing nodded.

Being the director of the Education Bureau, he had a lot of work to do.

"Director Xiao, is your work afterward important?" Ding Yue asked with a smile, "If it's not too urgent, how about you join me at my sister's lab? She's made a remarkable new discovery."

Since Director Xiao from the Education Bureau was here, why not take him to see the latest achievement of Mist City Arts and Science University? It could help strengthen the faith Director Xiao has in Mist City Arts and Science University.

"Oh? Your sister, the top university student of Mist City, Ding Xiaoyou, right? What great discovery did she make?"

Of course, Xiao Wenxing remembered Ding Yue's sister, Ding Xiaoyou. After all, she was the former top science scholar of Mist City and a highly promising and talented student.

Hearing Director Xiao mention his genius sister, Ding Yue felt proud.

That's my genius sister. From start to finish, she never let me down.

"Graphene Battery!"

Ding Yue declared confidently.

Chapter 712: The First Graphene Battery is Born

"Graphene battery?"

Upon hearing this, Xiao Wenxing took a moment to respond.

Only after a moment did he widen his eyes in surprise and ask Ding Yue, "Principal Ding, is it the battery made with that incredible graphene material?"

As the director of the education bureau, Xiao Wenxing had some knowledge about graphene.

It was a future material, possessing many excellent characteristics, suitable for many fields, with batteries being one of them.

"Yes, yes, yes."

Ding Yue nodded rapidly and, laughing, asked, "Would Director Xiao be interested in coming to see for himself?"

To have Director Xiao see his sister Ding Xiaoyou's research achievements might boost the director's confidence in Mist City Arts and Science University.

If Director Xiao starts to view Mist City Arts and Science University favorably, then the policies from the education bureau could soon follow suit.

Besides, Ding Yue had set a goal over these two years, that is, to push his Mist City Arts and Science University to become a top-class university in Mist City.

At least they should compete with Mist City University, Mist City University of Technology, Southwest University, and others.

"Alright, let's go see. This is high-tech stuff! It's just like your genius sister. What is her major again?"

Director Xiao Wenxing nodded and then, pulling Ding Yue along, headed towards the campus of Mist City Arts and Science University.

"DNing Yueirector Xiao, my sister is studying energy chemistry, mainly wanting to make an impact in the energy sector."

Ding Yue responded, "And that's exactly why she decided to focus on graphene battery technology. I, as her brother, have to support her, investing quite a lot of money and energy. Now, with my sister's hard work, we are finally seeing the results of the research."

"Impressive, impressive! Creating such amazing things at an undergraduate level... doesn't that suggest she will make even bigger strides when she's doing her postgraduate and doctoral studies?"

Xiao Wenxing was quite excited as he spoke.

For Mist City, having an outstanding university student like this come out of one of their private universities is something to be proud of.

And this top student, Ding Xiaoyou, had made the news before. After all, she caused quite a stir when she turned down Qinghua and Yancheng University to choose the Mist City Arts and Science University.

Now at Mist City Arts and Science University, far from being "wasted," she has, after matriculating, developed a "graphene battery." This proves her decision was not like what many netizens had assumed.

As long as Mist City Arts and Science University can provide Ding Xiaoyou with the environment she needs, whether it's Qinghua University, Yancheng University, or Mist City Arts and Science University, it doesn't matter that much to Ding Xiaoyou.

Ding Yue, with Director Xiao Wenxing, arrived at the university's energy research center.

"Xiao Wen, prepare yourself." Ding Yue gave Wen Ruohan a meaningful look.

Wen Ruohan immediately understood, having been with Principal Ding for so long, she knew what she had to do.

So, Wen Ruohan jogged over, opened the door into the energy research center, and inside the locker room, began to prepare dust-free and sterile suits for Principal Ding and Director Xiao. They would definitely have to put on these suits before entering the research laboratory.

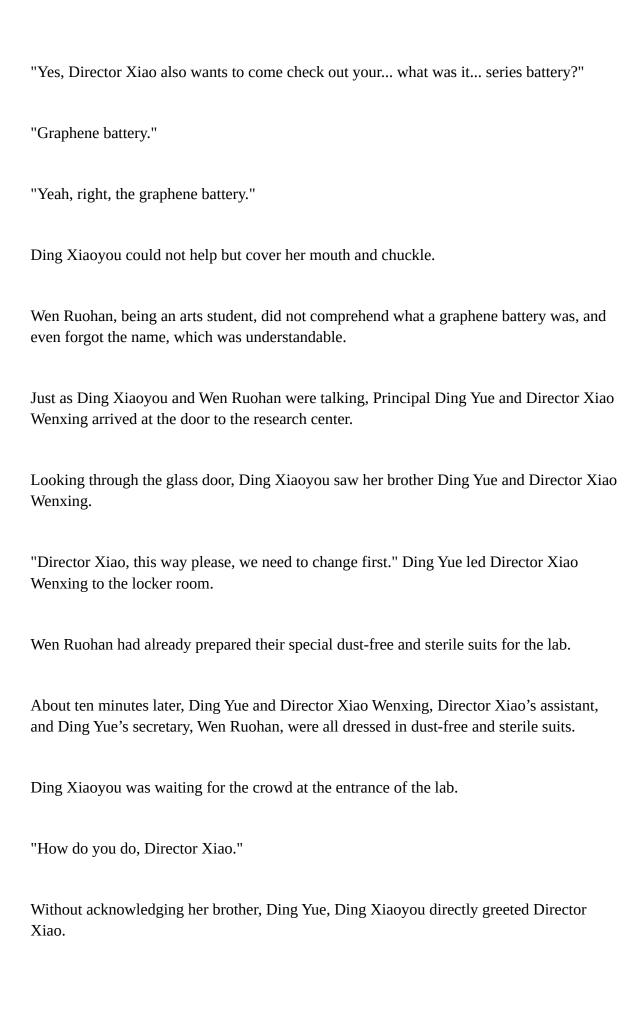
"Ruohan?"

Ding Xiaoyou, who was inside the lab, seeing Wen Ruohan's figure outside, walked over and asked, "Where's my brother?"

"Principal Ding and Director Xiao will be here soon, they're almost here." Wen Ruohan, seeing Ding Xiaoyou asking, answered with a smile.

"Director Xiao?"

Hearing Wen Ruohan's words, Ding Xiaoyou furrowed his brows, murmuring, "Is it that Xiao Wenxing from the education bureau?"



"Hello, hello, you're Ding Xiaoyou, right? Our Mist City valedictorian. I heard from your brother that you have developed a graphene battery?"

Seeing Ding Xiaoyou so lively and enthusiastic, Xiao Wenxing immediately asked with a smile.

"You cheeky girl, you should greet your brother when I arrive." Ding Yue went up to his sister, ruffled her hair, and remarked, "Okay, go on and show us your latest research achievements. Is the graphene battery a finished product?"

"Of course it's a finished product."

Chapter 713: The First Graphene Battery is Born

Ding Xiaoyou spoke proudly, rolling her eyes at her older brother, Ding Yue.

"Principal Ding, this energy chemistry research lab, is the one you purchased from Nanyang Technological University, right?"

After taking a comprehensive look at the lab, Xiao Wenxing turned around to ask Ding Yue.

Being the Director of the Education Department, Xiao Wenxing was naturally aware that Mist City Arts and Science University had purchased the world's most advanced energy chemistry research laboratory from Nanyang Technological University.

"Yes, that's the one. It cost over a hundred million." Ding Yue nodded and answered.

"This way."

Ding Xiaoyou led Director Xiao Wenxing and her brother Ding Yue to her primary experimental console.

The energy chemistry lab had several experimental platforms. Ding Xiaoyou had developed her graphene battery at this console, hence she called it the primary experimental console.

Upon arriving in front of the console, Ding Yue, looking at the immaculate workspace, curiously asked, "Xiao You, where is it?"

"Of course, I have put it away. This is the first graphene battery I developed, so it needs careful storage."

Ding Xiaoyou glared at her older brother Ding Yue, and then stepped forward to press a button on the experimental console.

Whirr~

Accompanied by a slight sound of machinery, a small box-like object emerged from a five-centimeter-wide crack in the upper-right corner of the console.

"Quite unique."

Ding Yue stepped forward, guessing that the object in the small box was Ding Xiaoyou's graphene battery.

Despite his curiosity, Director Xiao Wenxing couldn't resist taking a closer look.

Wen Ruohan and Xiao Wenxing's assistant were also filled with curiosity, but Principal Ding and Director Xiaoxing had already occupied the best viewing spots.

Therefore, they could only observe the small box from the side.

"This is my graphene battery, or more accurately, it's the world's first real graphene battery."

Ding Xiaoyou looked at the small box proudly and announced to her brother Ding Yue and Director Xiao Wenxing.

"The battery is inside this box?"

Ding Yue muttered curiously before reaching out to touch the box and take a peek at the graphene battery inside.

Smack!

Just as Ding Yue was reaching out, his sister Xiao You smacked his hand away, "Don't touch it! The battery isn't inside the box. This whole thing is the graphene battery. Well, now that you mentioned it, the graphene material is indeed inside."

"What, I can't touch it now?" Ding Yue rolled his eyes. This graphene battery his sister made was quite different from what he had imagined.

Perhaps because Ding Yue's imagination was too fantastical, seeing this small box-like thing, which was actually the graphene battery his sister developed, created a slight sense of disappointment for being quite different from what he had imagined.

"You were about to touch it without knowing the correct way to use my graphene battery. Of course, you can't touch it."

Ding Xiaoyou started lecturing her older brother Ding Yue.

"Student Ding Xiaoyou, can you tell us what advantages this graphene battery has over other batteries?"

Director Xiao Wenxing, intelligently, started questioning about the matter at hand.

Seeing Director Xiao's curiosity, Ding Xiaoyou explained, "Director Xiao, due to the microscopic structure of graphene, which is a mesh structure made up of carbon atoms. It has a limit of thinness, only a layer of atoms thick, so the movement of cations is minimally restricted. Plus, its mesh structure allows the electrode material made from graphene to have plenty of holes, thus making cation activity more abundant."

Well said.

Whether Director Xiao understood Ding Xiaoyou's explanation was unknown, but Wen Ruohan, as well as Director Xiao's assistant, certainly didn't.

Ding Yue did understand, though.

After all, Ding Yue studied physics and had knowledge about graphene structure and electrons.

"Xiao You, keep it simple for Director Xiao." Ding Yue knocked on his sister's head, then turned to Director Xiao and explained, "Director Xiao, if we look at the charging and discharging process of a battery from a microscopic point of view, it's just a process of "embedding" and "removing" cations in the electrode.

So, if there are more holes in the electrode material, this process will be faster. From a macro perspective, it shows up as a faster charging and discharging speed of the battery.

Electrode material made from graphene has numerous holes, hence the speed and efficiency of battery charging and discharging are greatly improved."

Ding Yue's explanation was logical. After listening carefully, Director Xiao understood what he meant.

But Wen Ruohan still didn't quite get it.

What are cations, embedding, disengaging, holes, electrode materials, etc? Wen Ruohan's head was buzzing from confusion.

"How much faster can it be?"

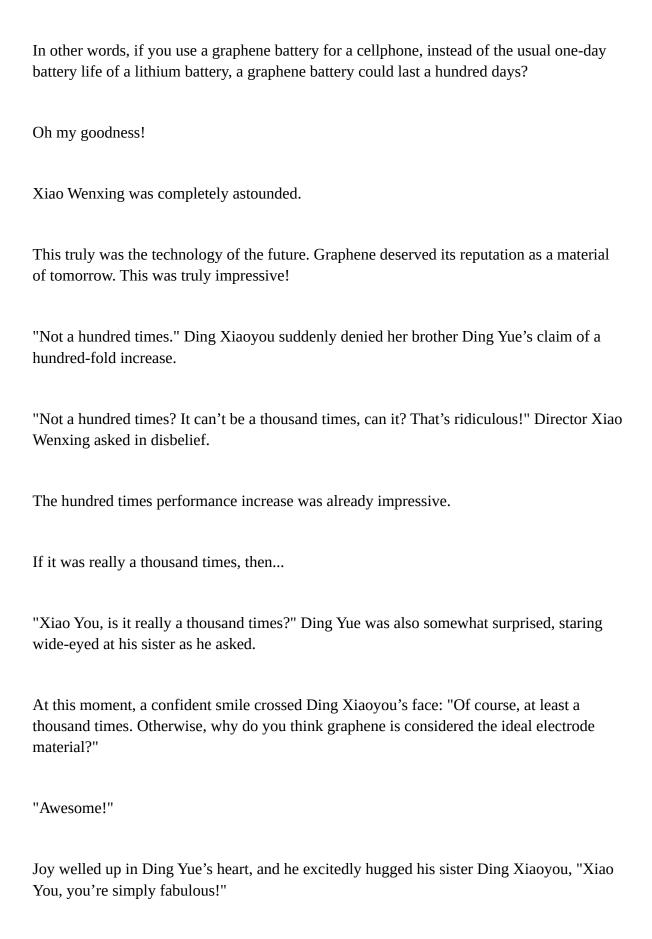
Director Xiao Wenxing asked again.

This was also a question Ding Yue was very interested in and a core issue.

Where are the advantages of graphene battery technology compared with other battery technologies? It should be reflected in how much faster the charging speed is, what the energy efficiency is like, and what is the duration of the battery?

"Indeed, Xiao You, with our graphene battery, in terms of charging and battery life, compared to lithium batteries, what kind of advantage would we have?" Ding Yue eagerly asked. "This much." Ding Xiaoyou confidently smirked, holding up her index finger indicating the number "1". "Double?" Director Xiao Wenxing, seeing Ding Xiaoyou's gesture, immediately asked. "Oh my, Director Xiao, it's not that small, not that small, not just double." Ding Yue quickly shook his head. Because given Ding Yue's understanding of graphene batteries and considering his sister Ding Xiaoyou was using a battery made from pure graphene, it could surely outperform ordinary lithium batteries by more than two-fold. To say otherwise would be an underestimation of graphene. "So it's ten times?" Director Xiao Wenxing asked again. Ding Xiaoyou still wore a poker face, remaining silent. At this point, Ding Yue knew it had to be more than ten times. Ten times was nothing special. Immediately, he confidently said, "Trust me, Director Xiao, it's a hundred times stronger!" "One hundred times!" Xiao Wenxing found it hard to believe.

Chapter 714: The First Graphene Battery is Born



Ding Yue was well aware that his sister was able to master the technology of graphene batteries so quickly not just because of her genius, but also because of the graphene battery technology he had helped her gain access to. This was a critical step.

In this way, he was also part of it all.

"Oh my God, at least a thousand... a thousand times." Xiao Wenxing couldn't believe it was true.

Wen Ruohan didn't understand graphene batteries, but hearing that they could be a thousand times better than regular lithium batteries left her stunned. Such an incredible battery?

"This graphene battery is absolutely a revolutionary technological achievement in the field of energy batteries!" exclaimed Xiao Wenxing's assistant.

Many tech companies are researching graphene batteries.

But so far, no single tech company can claim to have succeeded in producing a graphene battery.

Most tech companies face a key challenge: the purity of graphene is insufficient, severely affecting the efficiency of ion movement through the graphene material.

However, on this very day, the first graphene battery in the true sense was born in the energy chemistry research laboratory of Mist City Arts and Science University!

Chapter 715: I Can't Wait Anymore

"Xiao You, so you're saying that if this graphene battery is used for a phone, wouldn't the phone not need to be charged for a year or more?"

When Ding Yue heard his sister say that the charging speed and endurance of this graphene battery are over 1000 times that of a regular lithium battery, he thought about the implications of using it in mobile batteries. Wouldn't this eliminate the worry about phone battery life?

"You are a postgraduate student, how can you think such a thing?"

To his surprise, Ding Yue was hit with his sister's sarcastic retort.

"Huh?"

Ding Yue, still caught in the thrill and surprise, hasn't quite processed her words yet.

Director Xiao Wenxing, standing off to one side, had a perplexed look on his face. Weren't they saying it was at least a thousand times better? If it were used in mobile batteries, wouldn't it indeed not need charging for a year or more?

"This graphene battery I created is clearly not suitable for mobile devices like phones—it's an overkill. If phones were to use graphene batteries, the capacity would also be different from this one."

Ding Xiaoyou explained briefly.

In other words, although this graphene battery can outperform a comparable lithium battery, with a charging speed and endurance exceeding a thousandfold, it's not intended for mobile devices like phones.

"Oh, I see what you mean now." Ding Yue finally gets it.

He had misunderstood her earlier and made a wrong assumption.

It was like comparing a supercapacitor with a 2850 mAh lithium battery, which is clearly incorrect.

The graphene battery that his sister, Ding Xiaoyou, had developed was not designed for phones.

"So, Xiao You, what's the main application for this graphene battery?" Regaining his composure, Ding Yue asked curiously.

Ding Xiaoyou crossed her arms proudly, saying, "It can be utilized in the aerospace field, in the new energy sector. Of course, this first battery, which I call Graphene Battery 1.0, I use in my laboratory."

"Is our laboratory lacking in power?" Ding Yue shrugged, "We can afford to pay for power, can't we?" "It's for emergencies." Ding Xiaoyou gave her elder brother a glare and then explained, "This Graphene Battery 1.0 can provide power for all the equipment in my lab for over three days." "That's incredible!" Ding Yue exclaimed in shock upon hearing this. The various devices in this energy-chemicals laboratory consumed a lot of power when in use. Yet, Ding Xiaoyou's Graphene Battery 1.0 could, when fully charged, provide over three days of power in emergencies when there is no power in the lab or even the whole university, acting as a mega backup battery. After all, a graphene battery is still just a battery — an intermediary for storing electrical energy until it is needed. Of course, since entering the 21st century, batteries are being used in more and more fields. A more efficient battery has become a major demand in many industries. Like the field of mobile devices, and the new energy sector.

However, the development of new energy vehicles has been hampered by the poor performance of their batteries over the past few years.

There's no need to mention mobile devices. As for the new energy sector, even the

government is promoting the use of electric cars to replace petrol ones.

"I think that the first commercial application of these graphene batteries will probably be in mobile devices?"

At this moment, Director Xiao Wenxing interjected.

"Yes, yes, exactly." Ding Yue nodded in agreement.

What Director Xiao Wenxing said was indeed true. Although the graphene battery that Ding Xiaoyou developed today is not suitable for mobile devices like phones and tablets, developing a graphene battery for mobile devices is likely the least challenging application.

"Xiao You, what do you think?" After Ding Yue finished speaking, he turned to his sister, Ding Xiaoyou.

After all, she was the one who developed the graphene battery, so it was up to her to decide which commercial field it would be best suited for initially.

"In terms of manufacturing and process, it is indeed easiest to apply graphene batteries to mobile devices."

Ding Xiaoyou answered her elder brother's question.

"So, in future we won't have to worry about our phone batteries dying?" Wen Ruohan brightened up when she heard this.

Her new phone that she bought last year had a lousy battery life, and it took forever to charge.

Even with a fast charger, the charging speed was not as quick as she had imagined.

"When a graphene battery is used in a mobile phone, charging is practically instantaneous," Ding Xiaoyou explained to those nearby. "It'll perfectly solve the current power problem of phones and other mobile devices."

"My goodness, these graphene batteries are incredible," Wen Ruohan couldn't help but exclaim.

At this moment, Director Xiao Wenxing turned to Ding Yue, gripped his hand, and said with a grin, "Principal Ding, congratulations, congratulations on Mist City Arts and Science University's completion of such a groundbreaking research accomplishment!"

"Thank you, thank you, Director Xiao!" Ding Yue was overjoyed.

His academically gifted sister did him proud at this moment, filling him with a huge sense of glory.

Chapter 716: I can't wait any longer

After shaking hands with Director Xiao, Ding Yue turned his gaze to his sister Ding Xiaoyou and asked curiously, "Xiaoyou, regarding the graphene battery technology we currently have, how good would it be if used on phone batteries?"

The best place to commercialise Ding Xiaoyou's graphene battery technology would undoubtedly be smartphones, which in this era virtually everyone uses.

While smart phones are convenient, they pose one big problem for users.

That is the battery life.

A phone is used for two to three years or even longer, and basically needs to be charged every day, which is very inconvenient for users who are out and about.

But what if one day a phone appears that has a super strong battery life, which can last for several or even more than ten days under normal use, and requires less than a minute to charge? How popular would that be?

Even Ding Yue, who is not very professional in this field, can see the huge commercial market.

The first graphene battery that his sister Ding Xiaoyou developed is not just a graphene battery, it's a graphene cash cow!

"Brother, with our current technology, it should be no problem to develop a graphene phone battery with a capacity of 100,000 mAh," replied Ding Xiaoyou confidently to her brother Ding Yue.

"100,000 mAh!"

Ding Yue found this number very satisfying. It's not exaggerated, and it far surpasses the usual 2,000 to 3,000 mAh phone batteries.

Moreover, it can continue to be "upgraded" in the future. Once we have 100,000 mAh, there will be 200,000 mAh in the future.

"100,000 mAh, if a normal phone has 3,000 mAh and lasts for a day, then 100,000 mAh would last... around a month?"

Wen Ruohan calculated on her fingers and was taken aback by the result.

A phone battery that can last for about a month would undoubtedly be a godsend for users!

Wen Ruohan was even already eagerly looking forward to using a smartphone with a 100,000 mAh graphene battery.

"If we have such a large capacity phone battery, then when I go on business trips, I won't have to worry about phone battery issues at all, right?" Director Xiao Wenxing exclaimed in surprise.

As the head of the Education Bureau, Xiao Wenxing often travels to various provinces and cities for meetings and exchanges.

However, while on the road, the battery life issues constantly plague him. Even after switching to a phone with a 4500 mAh battery, he feels the need to charge it very quickly. Although it's alright when he's in a hotel, when he's outside, he frequently misses several important calls due to the phone's battery dying.

"Yes, Director Xiao, the graphene battery completely solves the phone battery problem," Ding Yue said to Director Xiao with a smile.

"So Principal Ding, when do you plan to announce the birth of this graphene battery?" Director Xiao Wenxing was getting a bit impatient.

Such an important battery technology product from a university under his jurisdiction will also bring him benefits as the head of the Education Bureau.

"For the official announcement, we need to plan properly," said Ding Yue, thinking that as Mist City Arts and Science University was the first to develop this graphene battery, they needed to prepare well for the announcement.

As he thought about it, a joyful smile inevitably spread across Ding Yue's face.

"Brother, look how happy you are. Is my battery going to make you a lot of money?", Ding Xiaoyou poked her brother Ding Yue and said.

"Cough, cough."

Ding Yue cleared his throat and said, "Earning money or not is not important. What's important is the significant achievement we've made in the field of batteries, contributing to its development."

While he was saying this, Ding Yue was already "counting money" in his heart.

Once his sister Ding Xiaoyou's graphene battery starts to be used commercially, even Ding Yue cannot imagine how much money it could earn.

"Principal Ding's way of thinking is quite good," Director Xiao Wenxing said to Ding Yue with a smile.

Well, that's something.

Ding Yue was simply teasing his sister, but he ended up being praised by Director Xiao.

As for his lofty thinking, Ding Yue would say that he's neither high nor low.

After all, when building and developing his own Mist City Arts and Science University, Ding Yue wants to make money and obtain the ultimate reward from the system, but he also wants to make a significant contribution to Xia Country's higher education.

After showing Director Xiao Wenxing the first graphene battery developed by his sister, Ding Xiaoyou, Ding Yue took Director Xiao Wenxing on a tour of the entire laboratory.

Xiao Wenxing highly praised the laboratory owned by Mist City Arts and Science University.

"Private university principals like Principal Ding who are willing to invest so much in educational experimental facilities and equipment are truly rare. To tell you the truth, apart from Principal Ding, we can't find a second one in Mist City."

Xiao Wenxing praised abundantly.

Mist City area has many private universities, but many private universities' teaching and experimental facilities and equipment for each major can't even compare to Mist City Arts and Science University.

"When it comes to higher education, one naturally needs to be willing to invest," Ding Yue laughed, speaking as casually as a breeze."

In reality, Ding Yue had no choice but to invest, after all, if his Mist City Arts and Science University wanted to upgrade and develop, he had to set up everything that needed to be set up.

"Excellent, Principal Ding's attitude is particularly good," Xiao Wenxing was very satisfied with Principal Ding's attitude and philosophy towards running a school.

After touring the energy chemistry research lab and the graphene battery, Director Xiao Wenxing didn't stay for too long, as his schedule was quite busy.

Before leaving, Director Xiao Wenxing instructed Ding Yue that since Mist City Arts and Science University has developed advanced technology products like graphene batteries, they must make good use of them.

This was certainly a given.

Ding Yue was even about to burst with impatience.

After seeing off Director Xiao Wenxing, Ding Yue immediately returned to his principal's office and began to deploy the strategic tasks of the graphene battery.

First off,

Ding Yue summoned the CEO of Feiyue Group, An Yujia.

If the graphene battery is to be commercialized, it definitely should be in the name of Mist City Arts and Science University and Feiyue Group.

This technology is specifically under Feiyue Technology, a subsidiary of Feiyue Group.

Besides commercialization, the most important thing now is when Mist City Arts and Science University should officially announce the birth of the "graphene battery" and how this research result will be announced.

Initially, Ding Yue planned to have the publicity department of his university handle this matter.

After all, any big news that Mist City Arts and Science University needed to announce was usually released in the name of the university's official department.

But for the graphene battery, Ding Yue isn't planning to take such a simple approach.

Konk, Konk, Konk!

Just as Ding Yue was contemplating these matters, there was a knock on the office door. An Yujia had come.

"Principal Ding, you were looking for me?"

"Sit, sit, sit."

Ding Yue briefly cleared his mind, preparing to first discuss the matter of the graphene battery with An Yujia.

After sitting down on the sofa, An Yujia quietly waited for Principal Ding to discuss the matters at hand.

"Miss An, our Mist City Arts and Science University has birthed another new achievement," said Ding Yue, a smile involuntarily spreading across his face, "Take a guess."

"If I had to guess... it wouldn't happen to be major progress in the photolithography experiment project, would it?" An Yujia really had no idea.

Mentioning the photolithography experiment project was said simply offhand, since this project is currently the longest running and most funded at Mist City Arts and Science University.

Up to now, the progress of the photolithography experiment project had only just begun.

"How could that be, the photolithography experiment project's timetable is very long," Ding Yue shook his head, and then laughed and said, "Alright, I won't keep you guessing, you know my sister has been leading the team working on the graphene battery, right? Well, the graphene battery has now been successfully researched and developed."

"Oh my God!"

An Yujia was surprised upon hearing this.

Because she had a slight understanding of the graphene battery technology that Ding Xiaoyou was researching before. This thing, its applications are multitude.

Chapter 717: Seamless Continuation of Little Sister

"Principal Ding, if my understanding is correct, this graphene battery falls under high-tech products, with a wide range of applications and a massive future market."

As an excellent professional manager, An Yujia excitedly said to Principal Ding.

"That's for sure, as for how to expand the future commercial market of graphene batteries, Miss An, that depends on your capability."

Ding Yue gave a calm smile, expressing his great expectation to An Yujia.

After all, for matters pertaining to business, Ding Yue usually didn't get involved, leaving all specific affairs to An Yujia.

After all, special skills require specialists.

Ding Yue's specialty lay in constructing and developing his own Mist City Arts and Science University, of course, he could also study Physics when he had time.

"Thank you, Principal Ding, for your trust in me."

An Yujia didn't begin her statement, like some managers, by sketching out indefinite futures.

She first thanked Principal Ding for his trust in her, as he has handed over such an advanced technology product like the graphene battery for her to commercialize.

Then An Yujia seriously said, "I will soon come up with a commercial application plan for the graphene battery. Once it is ready, I will show it to you first, Principal Ding."

"Hmm, tell me your thoughts." Ding Yue nodded.

Although Ding Yue left the commercialization of the graphene battery technology to An Yujia, he also wanted to hear about her rough plans.

It was impossible for An Yujia to come up with a detailed plan at this time, as she had just found out that Mist City Arts and Science University had successfully developed this graphene battery.

"Actually, as you mentioned earlier, Principal Ding, the three main applications of the graphene battery are mobile devices, new energy, and aerospace, so I plan to start from these three angles to explore the commercialization of our graphene batteries by Mist City Arts and Science University, but this might take a relatively long time."

An Yujia directly told Principal Ding her ideas.

"Hmm, the commercialization of anything cannot be achieved overnight." Ding Yue naturally approved An Yujia's idea.

Her thought process was correct.

From mobile devices, further onto new energy, all the way to aerospace, from small to large, they could create a three-dimensional commercial application of graphene batteries.

"Then Principal Ding, should I go back and draw up a preliminary plan to show you? But I need some information about the graphene battery technology possessed by Mist City Arts and Science University. Whom should I ask...?"

An Yujia was ready to get back to work.

But she didn't know who to ask for this information about graphene batteries.

Could it be Principal Ding? Could it be the Dean's office? Or should she go directly to Principal Ding's younger sister, Ding Xiaoyou's team?

"Alright, you go ahead, and I will have the relevant material sent to you after I get it sorted."

"Okay."

After An Yujia got up and left, Ding Yue continued pondering over the official announcement of the graphene battery technology.

If announced directly, it seemed too boring.

Ding Yue planned to let media major students create an announcement video or article script, and then Mist City Arts and Science University will announce the birth of the "Graphene Battery" in a brand-new way.

So, Ding Yue asked his secretary, Wen Ruohan, to contact some students majoring in media from Mist City Arts and Science University.

Next, Ding Yue was about to ask Wen Ruohan again to go to his sister Ding Xiaoyou's place to inform her to sort out materials about graphene batteries, which An Yujia would need later.

However, before Ding Yue could speak, the office door was pushed open with a slam.

"Bro."

The one who came in with the sound of the door being pushed open was his younger sister, Ding Xiaoyou. She appeared before Ding Yue's eyes the next second.

"Hmm? Why did you come over here?"

Seeing Ding Xiaoyou, Ding Yue couldn't help but raise his eyebrows, as he had just seen her not long ago at the Energy Chemistry Research Laboratory.

However, it was just as well that Ding Xiaoyou showed up, relieving him of the trouble of asking Wen Ruohan to go find her.

"There was something I forgot to tell you when we were in the lab just now, hehehe." Ding Xiaoyou said with a laugh.

When she laughed, she revealed her white teeth, her twin pigtail swaying slightly, while she was cute, this girl often ends up arguing with Ding Yue whenever she opens her mouth.

"Oh? Is there anything important about the graphene battery that you didn't tell me?"

Ding Yue asked curiously.

"No, I've told you everything about the graphene battery, whether it's the application in mobile devices, new energy, or aerospace, there are no problems on the technology side. Why, Ding Yue, you don't trust me?"

Ding Xiaoyou said in a disgruntled tone.

"I do, I do, so what is it that you want to tell me?" Ding Yue shrugged and muttered.

Seeing Ding Xiaoyou's lips purse, it took two or three seconds before she finally said, "Big bro, the graphene battery I developed for our Mist City Arts and Science University can definitely make you a lot of money, so where's my share?"

Uh!

So that's what this was about!

"Good kid, at such a young age, you're already blinded by money." Ding Yue laughed and said to his younger sister, Ding Xiaoyou, "Isn't it too early now? We've just developed it, and our university hasn't even made the announcement, not to mention making money after it's commercialized. That's a long process."

Even if they had solved the graphene battery problem, it's not that easy to turn it into profit.

Chapter 718: Seamless Continuation of Little Sister

Ding Yue would have to let An Yujia manage his Feiyue Technology for a while before they could start doing business.

The prerequisite for all this would still be for Mist City Arts and Science University to first announce the research results of graphene batteries, letting the world know that Mist City Arts and Science University has mastered graphene battery technology.

Ding Yue was just thinking about how to arrange this when his sister Ding Xiaoyou arrived.

"Hahaha, it's okay, you can advance me the money," Ding Xiaoyou said with joy.

"Hold on, hold on, Xiaoyou, something's off about you. What do you need the money for?" Ding Yue suddenly reacted.

His sister Xiaoyou did frequently ask him for money, but the way she asked for money before was different from today.

In the past, it was pocket money, Ding Yue would casually hand her tens of thousands, as if scattering water, without blinking an eye.

After all, his sister Xiaoyou had everything she needed, food and drink, a place to stay, and she could buy a car anytime she wanted.

With all this, what did she need the money for?

Ding Yue could obviously sense that his sister Xiaoyou seemed to want a large sum this time.

"I won't tell you," Xiaoyou stuck out her tongue.

"Then there will be no money."

"Ding Yue!"

"What did you call me?" "Dear brother, my dear brother, I want to carry out new research, to carry out new research, which requires money, right? You're so busy every day, you just give me the money, and I can handle it myself." Xiaoyou's voice suddenly went soft. Goodness. Listening to his sister's couple of "dear brother", Ding Yue instantly got goosebumps all over. "New research? Have you got any leads?" Ding Yue was suddenly somewhat excited upon hearing this. Is his sister Xiaoyou planning a seamless transition? Whilst other girls seamlessly switch boyfriends, his sister, au contraire, was seamlessly transitioning into technology research. She had just told him that she had cracked graphene battery technology and now she needed money for new research already. Still, she is, after all, my sister. With the boost from her academic prowess at school and her innate scholar physique, she's practically the female version of Einstein. "Mm-hm." Xiaoyou was nodding like a woodpecker, her face lit up with a confident smile. "Alright, money is not a problem." Ding Yue immediately agreed without hesitation.

As long as she needs money for research, he would certainly give it. It's a definite 100% support.

Moreover, Ding Yue is not a fool, the research results his sister comes up with in the end are all for his Mist City Arts and Science University, aren't they?

Just like this graphene battery research, it could also bring revenue to Mist City Arts and Science University in the future.

"Yes!"

Seeing her brother readily agreeing to give her the money, Xiaoyou immediately became even happier. However, after a moment, she cautiously looked at her brother Ding Yue, "Aren't you going to ask what I plan to research?"

"I trust you."

Ding Yue just smiled without asking.

In fact,

Ding Yue had a gut feeling that, without being endowed with the relevant technical knowledge by him, it would be practically unrealistic for her to conduct any form of energy research that surpasses graphene batteries based only on her personal abilities.

"I'll tell you when I have made some progress. I'll go now," seeing her brother didn't ask, she decided to not tell either.

It might add a sense of mystery, which could give her brother a surprise later.

After saying this, Xiaoyou turned and left the office.

Watching his sister leave the office, Ding Yue felt like there was something he had forgotten to say.

"Quick, Xiao Wen, call her back!" Eventually, Ding Yue quickly remembered what it was. "Eh." Wen Ruohan quickly responded and rushed out of the office, catching up with Ding Xiaoyou at the stairwell: "Er, Principal Ding still had something to say to you." "Eh?" Hearing this, Ding Xiaoyou turned around and grumpily muttered: "Why didn't he mention it earlier." Wen Ruohan led Ding Xiaoyou back to the office. "Ding Yue, can't you finish everything in one go?" Back in the office, Ding Xiaoyou mockingly used his full name again. When asking for money, she had affectionately called him 'brother'. "Well, after what you said earlier, I almost forgot it." Ding Yue glared at his sister Ding Xiaoyou, before returning to the main topic: "Here's the thing, we're planning to commercialize the graphene batteries, and An Yujia will be in charge of this. Therefore, they need some relevant information about graphene batteries, the more detailed the better." "Got it, I will organize everything once I get back," Ding Xiaoyou agreed without

hesitation.

After all, her brother had given her the money, she couldn't just do nothing. Besides, this wasn't a difficult task at all.

Just as well, this would allow Ding Xiaoyou to organize the various graphene battery research materials. It would be handy for some subsequent improvements and upgrades.

"Good girl." Ding Yue walked up to her, smiling. He leaned over and ruffled the top of his much shorter sister's head. "Damn it, Ding Yue, stop touching my head!" Ding Xiaoyou screamed instantly. This caught Wen Ruohan's attention, and he started laughing at the interesting interaction between these sibling dynamics. "Secretary Wen, what are you laughing at? I asked you to call someone from the media department over, where are they?" Hearing Principal Ding's voice, Wen Ruohan quickly put on a serious face: "I will ask again right away." Haicheng. A certain new energy research institute. The institute was conducting several new energy research projects in the country, such as classical clean energy projects like solar and wind energy. "Old Tan, recently, there seem to be more papers on graphene on the domestic paper network. Also, according to a friend in the patent office, graphene-related patent applications have also been increasing." In an office, a middle-aged man holding a thermos cup struck up a conversation with

"Although the graphene material can be used as a new source of energy in the battery field,

another middle-aged man sitting at the desk next to him.

and has high efficiency, so what?"

Old Tan shrugged his shoulders and chuckled: "To this day, graphene is still unable to be mass-produced in high quality."

Old Tan's words clearly highlighted the current situation of graphene materials in the world.

Due to the inability to mass-produce high-quality graphene, no matter how remarkable it is, even if it is hailed as the "material of the future," it is unlikely to appear on the market.

Products made of graphene materials do exist, but they are not visible to the ordinary people. The scarcity of graphene, leading to the persistently high cost, is precisely why despite its wide range of applications, it hasn't been globally used after all these years.

"I heard that Huazhong University of Science and Technology is also researching graphene materials and graphene battery technology."

"Isn't that interesting? They are collaborating with us."

"Did you know?"

"I heard it from a friend."

"It's already commendable to harness solar energy diligently, not to mention the critical research in the field of nuclear energy."

Several researchers at the institute started chatting about various energy topics, from graphene to all kinds of energy.

As members of an energy research institute, they were all well aware that energy is of paramount importance for both Xia Country and the entire world.

With energy, we have the basis for all industrial and even modern agricultural production!

Although Xia Country is rich in energy resources, research into new types of energy is also of utmost importance.

After all, researching new energy is an investment in the future.

Traditional thermal power, hydropower, and nuclear power will eventually be overwhelmed or phased out.

In reality, human utilization of solar energy is still minimal. If we could use solar energy more efficiently, we could largely reduce the reliance on thermal and hydropower to obtain energy.

The graphene they were discussing earlier is, in fact, an ideal material for converting solar energy into electrical energy.

However, what they don't know is that while they believe graphene can't yet be mass-produced, thousands of miles away at Mist City Arts and Science University, they are already planning for a future much further ahead.

Chapter 719: Xia Country Academy of Sciences: Not Surprising Mid-March.

The weather in Mist City was finally starting to warm up a bit.

The daily teaching operations at the Mist City Arts and Science University were running smoothly. This is something that Ding Yue didn't need to worry about. After all, the university's teaching system had become well developed, governed by Director Qi Chunsheng, and it had lessened the burden on Ding Yue.

However, the decrease of worries in teaching matters did not mean that Ding Yue's concerns were alleviated in other respects.

Currently, the most important thing for Mist City Arts and Science University is the advent of "graphene battery technology".

Ding Xiaoyu's first graphene battery, along with the graphene mechanical exfoliation preparation machine she previously developed with the cutting-edge team of the mechanical department, marked a significant breakthrough.

This was like opening a great door. Furthermore, it was the door to a new world in the realm of energy batteries. The significance was extraordinary. Ding Yue was well aware of this. That's why Ding Yue didn't hastily make an official announcement on the day his sister created the graphene battery. Inside the Principal's Office in the Administration Building. Ding Yue had a lot of phone calls these past few days. Director Xiao Wenxing from the Ministry of Education had dialed him several times already. Even today. Director Xiao called Ding Yue again. "Hello, Director Xiao." "Principal Ding, the graphene battery breakthrough that I mentioned a few days ago has been reported to the Ministry of Education in Yancheng. The ministry has contacted the Xia Science Institution. The matter is taken very seriously." Ding Yue could clearly hear Director Xiao's excited tone over the phone. Since Xiao Wenxing was not yet well-informed about graphene battery technology, the groundbreaking research result was far more shocking than he could imagine, even though he had been astonished when he saw the graphene battery that Ding Xiaoyou had developed. "Oh, that matter."

"Principal Ding, aren't you excited? Even the Xia Science Institution is paying attention to it."

Xiao Wenxing felt that Ding Yue's response was a little too calm.

Though Ding Yue had indeed become much more steady and composed since he became the Principal of the University, it seemed strange that he remained so calm on such an important matter.

"Actually, this was within my expectations," Ding Yue replied calmly.

The graphene battery technology could have widespread impact, as it held a promising future and an expansive market. This battery technology, made from a material hailed as the "material of the future," was sure to catch the attention of the Xia Science Institution.

However, the reason the Xia Science Institution had not directly contacted the Mist City Arts and Science University was likely due to some considerations.

Ding Yue had thought of that as well.

The Xia Science Institution must still be going through a detailed evaluation. Graphene battery technology was under worldwide research and development, not excluding the various research institutes under the Xia Science Institution.

However, it was the Mist City Arts and Science University that had first developed a graphene battery. The issue lay in the fact that technology companies across the world and the Xia Science Institution are well aware of one thing.

The substantial impact of the graphene battery technology is premised on one crucial factor.

A very key factor.

And that key factor is the mass production of graphene!

The discovery of graphene by two scientists paved the way for the future and earned them a Nobel Prize. It was a trailblazing feat.

However, if the application of graphene material were to progress, a major barrier to overcome would be how to peel off high-quality graphene in large quantities.

Both the Ministry of Education and the Xia Science Institution had not reacted strongly thus far because of this hurdle.

What they did not know was that the method of physically peeling off graphene has been optimized and developed into a high-efficiency graphene mechanical exfoliation preparation machine by the Mist City Arts and Science University!

Mass production is merely a few words away for Ding Yue's Mist City Arts and Science University and the Feiyue Group.

What Ding Yue is considering now is how to utilize the graphene battery technology and graphene mechanical exfoliation preparation machine, both developed by his university, to secure the National Science and Technology Award.

Winning this award would bring about the successful upgrading of his university.

"Oh? Has the Xia Science Institution reached out to your Mist City Arts and Science University?"

Based on Principal Ding's calm demeanor, Xiao Wenxing curiously asked.

"That hasn't happened yet," Ding Yue replied, denying the assumption.

Director Xiao was excited and eager because he believed that the graphene battery could revolutionize the battery industry.

There's no question about that.

But compared to the officials from the Education Department and the Xia Science Institution, Director Xiao was not as responsive because he had not realized the issue of mass-producing graphene that the others had.

"By the way, Principal Ding, when will your Mist City Arts and Science University announce the breakthrough of the graphene battery research?"

Director Xiao Wenxing asked about this matter.

He had been anticipating this great news for several days, yet Mist City Arts and Science University seemed reluctant to release any news.

"Soon. We must be careful to prepare everything properly," Ding Yue replied with a smile.

This matter, unlike the past, can't simply be announced directly.

Chapter 720: Xia Country Academy of Sciences: Nothing Surprising

Ding Yue had the media students from his Mist City Arts and Science University create an announcement video, primarily focused on popularizing graphene batteries.

After all, not everyone in the country or even the world knows what graphene is, let alone how powerful graphene batteries are.

Therefore, pairing such a popular science-oriented video with the official announcement can let more people understand just how groundbreaking the technology and products developed by Mist City Arts and Science University are.

"Good, good, I've been anxiously awaiting this."

Said Director Xiao Wenxing.

"Alright, Director Xiao, we will inform you immediately once we finalize the official announcement."

"Okay."

After hanging up, Ding Yue looked over at his secretary, Wen Ruohan, standing next to him.

She had been standing there for a while, presumably waiting to report something while he was on the phone.

"Principal Ding, Xia Science Institution called the office earlier, Deputy Director Zhou from there wants to speak with you."

Wen Ruohan quickly reported this to Principal Ding.

That's the Xia Science Institution!

Known officially as the Xia Country Academy of Sciences, it is the highest institution in Xia Country's field of scientific research. Even as a liberal arts student, Wen Ruohan knows the status of the Xia Science Institution.

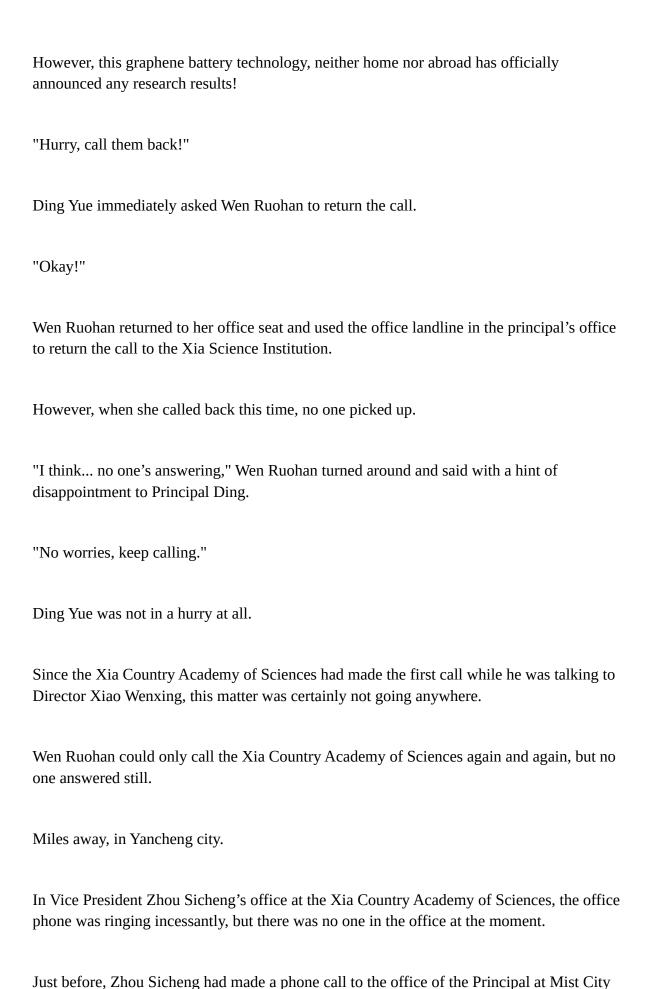
"Oh?"

Upon hearing this, Ding Yue was somewhat pleasantly surprised.

However, this was not Ding Yue's first contact with the Xia Science Institution. The last time he was working with a few professors from Jiangnan University of Science and Technology to research gallium nitride semiconductor materials, he had dealings with people from the Xia Country Academy of Sciences' Materials Research Institute.

But this time, it seems that it's someone from the Xia Country Academy of Sciences itself. After all, the graphene battery technology this time is indeed much more explosive than the gallium nitride semiconductor material technology.

The third-generation gallium nitride semiconductor material technology is available abroad. In this country, it was just not fully developed yet until Mist City Arts and Science University and Jiangnan University of Science and Technology partnered to develop it and caused quite a stir domestically.



Arts and Science University. The secretary who answered the phone said that Principal Ding

was on the phone with their local education bureau. Therefore, Zhou Sicheng decided to call back later.

However, just then, an academician from the academy came to see Zhou Sicheng about an urgent matter which caused Zhou Sicheng to temporarily leave the office.

"Academician Sun, this project underwent strict approval. If it doesn't work out, your only option would be to go to Dean Chen."

Vice President Zhou Sicheng was discussing a national key scientific research project with a highly respected academician in the academy.

"Ah yes, Academician Sun, research and usage of graphene materials, you did some work on this a few years ago, right?"

Zhou Sicheng suddenly remembered this and asked Academician Sun.

A few years ago, Academician Sun led a team with two other academicians to conduct graphene material research, which included graphene batteries.

However, due to the limited application of graphene materials caused by the de-lamination production of graphene materials, the project didn't make much progress.

"Yes, why is Deputy Director Zhou asking about this?" The elderly Dean Sun asked curiously.

"This is the thing, our institution received some information from the Ministry of Education, saying that a university recently developed a graphene battery."

Deputy Director Zhou Sicheng explained.

"Graphene battery, this is not uncommon." Academician Sun shook his head, saying.

The team of Academician Sun had also developed graphene batteries back then, but so what?

If you only develop one or two graphene batteries, you cannot do much. If the problem of de-laminating and extracting high-purity graphene is not solved, this technology would have a significant weakness.

That is, there's no practical implementation.

"Oh? Not uncommon?" Zhou Sicheng frowned, muttering: "The performance of graphene batteries is much stronger compared to the current lithium batteries and fuel cells, right? Has the Aerospace Bureau used fuel cells and not graphene batteries?"

"Yes. At the time we developed three graphene batteries for the Aerospace Bureau to use. Two of them are still in use, but these two graphene batteries are just a drop in the bucket for our country's aerospace equipment."

Academician Sun said with a helpless shake of his head.

The graphene batteries needed by the National Space Administration are of a very high technical level. Only the top-tier team of Xia Country Academy of Sciences was able to develop them at the time. However, their team could only extract materials for three high-purity graphene batteries.

"Why didn't you continue afterwards?" Zhou Sicheng further asked.

When Zhou Sicheng initially received the news from the Ministry of Education, he was quite excited. However, it seems he was just overthinking things?

After all, his Xia Science Institution was engaged in the research of graphene battery technology.

"Because the technology of delaminating and extracting graphene didn't make a significant advancement. Without high-purity graphene materials, what can we use to make graphene batteries?"

Academician Sun said, sighing.

"So that's how it is." As Zhou Sicheng was no expert in the field of graphene materials and related technologies, he finally understood the situation after listening to Academician Sun.

So, the Ministry of Education's report that a university in Mist City had developed a graphene battery is not so surprising?

"Deputy Director Zhou, you just now said that a university has developed a graphene battery? Which university? Xiamen University? Or Fudan University?"

Academician Sun was quite interested in this matter.

Although the production of graphene material was limited due to its delamination and extraction technique, developing a better graphene battery technology indeed can lay a good foundation for the future.

Because one day, there will be an efficient method to solve the delamination and production technique of graphene material!

At least, that was what Academician Sun believed. It's a pity that in recent years, Academician Sun had not been working on research in the field of graphene materials, but rather focused on projects related to nuclear energy.

"It's not Xiamen University, it's not Fudan University either," Vice President Zhou Sicheng said, shaking his head and smiling: "You may not believe it when I tell you, but it's a private university from Mist City."

"A private university?"

Academician Sun was indeed surprised: "Considering the comprehensive strength, to my knowledge, the only private university capable of conducting graphene battery technology research is Westlight University, right?"

Academician Sun didn't look down upon domestic private universities. It's just realistically speaking, domestic private universities in the field of scientific research simply can't compare to the top public universities.

But to Academician Sun, the best private domestic university is Westlight University since its strength is somewhat comparable to some of the top universities.

"No, it's a young private university named Mist City Arts and Science University. Have you heard of it, Academician Sun? It's the same private university that completed the mature application of Gallium Nitride semiconductor material technology with Jiangnan University of Science and Technology last time," Deputy Director Zhou Sicheng said casually.

The two were about to reach the Deputy Director's office. Academician Sun, who had sharp hearing, seemed to hear the ringing of a telephone. "Deputy Director Zhou, is that your office phone ringing?"