



## Home town boy wins Nobel Physics Prize

*van der Waals hailed for discoveries*

SWEDEN- At an elaborate ceremony today, the well known Dutch scientist Johannes van der Waals was presented the Nobel Prize for Physics. Van der Waals, 73, was born in Leyden, The Netherlands. He later taught physics at the University of Amsterdam.

When asked how he felt about receiving this high honor of the Nobel Prize he said, "I am extremely honored and delighted, and I feel like I'm floating on air."

The Royal Swedish Academy of Sciences choose Van Der Waals, because of his life long and ground breaking research, into the, "corresponding states for various gases and liquids."

This research allowed scientists to figure out under what conditions gases would turn into liquids and liquids into gases.

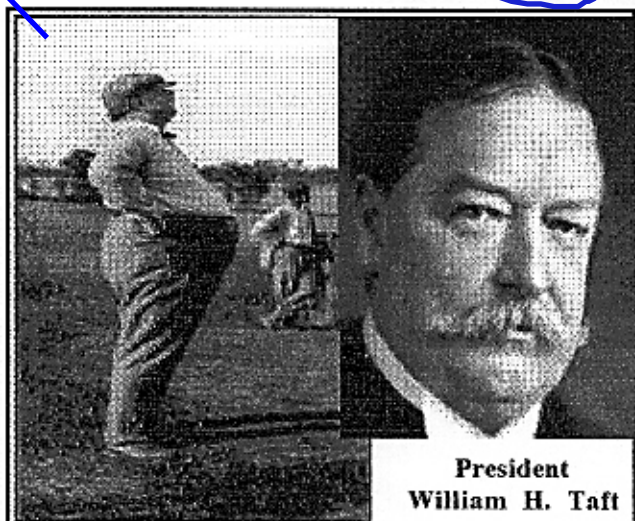
Van Der Waals was able to make a chart showing at what pressure and temperature, gases and liquids change from one state to another.

Based on his research scientists were able to figure out how to turn Hydrogen and Helium into liquids.

Using the so called Van der Waals equations "scientists can use just one variable, critical temperature, to figure out the point the gases and liquids, change continuously into each other.

The average person wouldn't understand what exactly Waals did in his experiments, and they probably wouldn't care. But some scientists are predicting that Van Der Waals work, will someday lead to revolutionary devices involving refrigeration.

*For more stories on van der Waals, see P. 3.*



President  
William H. Taft

## American president gets stuck in White House tub

*Taft is not hurt*

WASHINGTON- The 350 lb president of the United States, William Howard Taft, decided to take a soak in the White House tub, yesterday evening. To the President's dismay, he had become stuck in the tub, and he was unable to dislodge himself.

"It was a case of national security", says the White House press secretary. "If someone had attempted to bomb Washington, and the president was stuck in the the tub, then we would have serious problems."

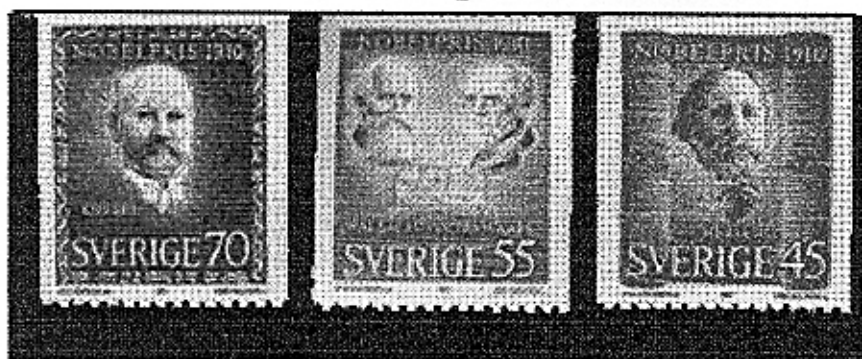
Several engineers and scientists were consulted, on how to safely and successfully get the president out of the bath tub. Many theories and plans were

set forth on how the president would be removed, from chainsaws, to buttering oils, to cranes, and even certain compressed gases that would help free the president from the tub.

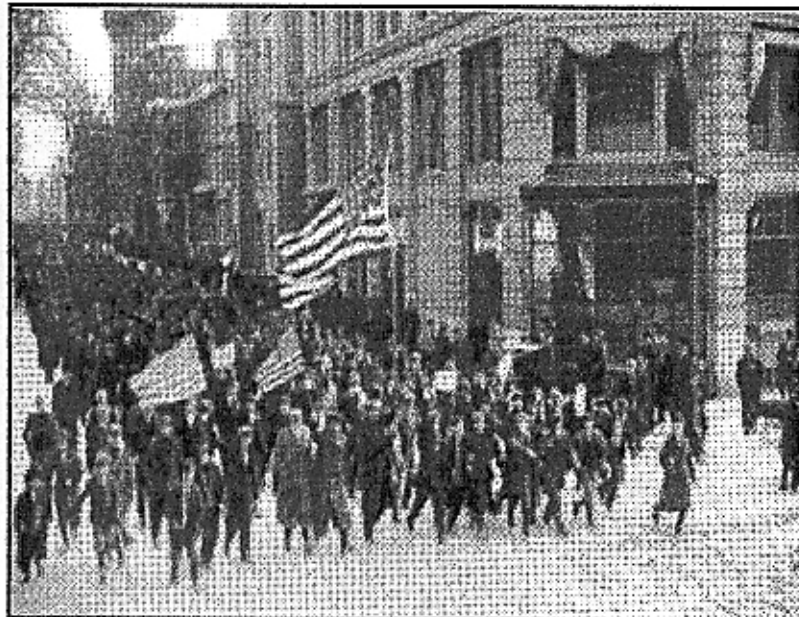
Eventually none of these techniques were needed. Just by missing one meal, the president lost enough weight, to be able to slip out of the tub.

Rumor has it that, the president has been taking more frequent baths, as a way of relaxing himself. President Taft has been reportedly more stressed after his relationship with ex President Theodore Roosevelt, became extremely strained. T.R. has hinted he may run for President again.

## Nobel Committee issues stamps to honor van der Waals, other prize winners







## America shaken by Lawrence strike; workers want justice, higher wages

**LAWRENCE, MA:** One of the most serious strikes in America has started in the textile mills in this city.

The workers went on strike, after opening their pay envelopes, and finding less than they expected. On the average the textile workers in Lawrence work 12-14 hours a day. Even before the pay cuts, they were considered to be paid very poorly.

The strike broke out in violence today when police shot down two strikers. One of them was holding a sign that said, "We want bread, but we want roses too." The phrase "Bread and Roses", has become the motto of the strikers.

The union which is

organizing the strike, is called the I.W.W., or the "Wobblies". At first they had a lot of difficulties getting the workers together, because they spoke in many different languages.

To overcome this problem, the Wobblies experimented with a new tactic. They taught the workers to sing together. This created the unity the strikers needed, for a successful strike.

The Wobblies said that they would soon try a new dramatic tactic. They will send the children of the strikers out of the city, to show how unsafe the city has become. That may get the strikers the sympathy they need.

## Britain mourns loss of King; son will take place on throne

**LONDON-**The entire country of Great Britain is deep in mourning over the death of its beloved leader, King Edward VII.

The king had served for nine years. He was

known as a very genial man, who "loved sports and good living." He will be replaced on the throne, by his second son, George V. Many believe, his reign will face more difficult times.

# The World News In Brief

## GENE LOCATION FOUND CZAR VISITS EMPEROR

**USA-** Thomas H. Morgan a well known American biologist, has made a major scientific discovery. Based on his research over many years, Morgan has shown that genes can be found on the parts of the cell, known as chromosomes. He has also proved that genes on one chromosome are linked and inherited.

**RUSSIA-** The Russian Czar, Nicholas II, has just concluded a visit with the German emperor Wilhelm II. They met in the German city of Potsdam. The main topic of conversation was agreeing on each country's sphere of influence in the Middle East. The British government protested the meeting. Experts say that world tensions are rising.

## REBELLION IN PORTUGAL

**PORTUGAL-** Rebels in Lisbon, the capital of Portugal, have overthrown the new king, Manoel II. The king was accused of being too extravagant. He has fled to Great Britain. The rebels proclaimed a republic of Portugal. The new leader is, Dr. Theodor Braga. The new government is opposed by the Catholic Church, which supported the king.

## JAPAN ANNEXES KOREA

**JAPAN-** The Japanese emperor has announced that Japan has officially annexed Korea, and has renamed that country Chosen. Great Britain and the U.S. have protested this action.

## COUNT TOLSTOY DIES

**RUSSIA** The world famous author, Count Leo Tolstoy was found dead of pneumonia at a remote rail road station. Family members say that the elderly author was fleeing his wealthy estate in search of a simpler life. Count Tolstoy was famous for writing the classic novel *War and Peace*. He was also an anarchist who believed in a classless society.

## U.S MEDICAL REPORT

**USA-** A recent report claimed that 154 medical school out of 155, provide poor medical training.



The Late King Edward VII of Great Britain



## Neighbors react to van der Waals award

"He seemed like a very nice boy, but always isolated himself from the other children. You would never see him playing ball with the other kids."

-Mary van Heisen

\* \* \*

"I remember how disappointed he was when they didn't allow him to take the exams. It only made him more determined. That was the thing about young Johannes, if every he couldn't have something, he just became more determined to get it."

-Erik van den Fron

\* \* \*

"A big influence on Johannes was his beloved wife Anna. She really encouraged him to keep striving for success. I thought he was going to lose it, when she died. But fortunately for him, he was able to bury himself in his work."

-Louisa an Cortlandt

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"Before he became a professor, my dad offered him a job, in our tulip business. He turned us down though, he said he wanted to go back to school. Then about two weeks ago he called and said he was going to get the nobel prize. We all rushed out to get his book, but none of us could understand a word of it."

-Jacob van Houten

### Excerpts from the Nobel Prize Presentation Speech, 1910

"Your Majesty, Your Royal Highnesses, Ladies and Gentlemen.

"The Royal Swedish Academy of Sciences, has resolved to award this years Nobel Prize for Physics, to the world-famous Dutch Physicists Johannes Diderik van der Waals, for his studies of the physical states of liquids and gases.

"...Van der Wall's studies have been of the greatest importance, not only for pure research. Modern refrigeration engineering... bases its vital methods mainly on van der Waals theoretical studies -...

"Hamurabi's and Moses' laws are old and of great importance. The laws of Nature are older still, and even more important. They apply not just to certain regions of this earth, but to the whole world. However, they are difficult to interpret. You, Professor, have succeeded in deciphering a few paragraphs of these laws. You will now receive the Nobel prize, the highest reward which our Academy can give you."

- Prof. O. Montelius

## The van der Waals story

### The Background Behind the Man

LEYDEN- Johannes Diderik van der Waals was born in this town, on November 23, 1827. His parents were two Dutch citizens, named Jacobus van der Waals and Elisabeth van den Burg.

After Waals finished his public school education, he became a school teacher. At that time in the Netherlands, in order to go to college and get a higher degree, one would have to pass a series of exams. Because, he did not know classical languages, he was not even allowed to take the exams.

In his spare time, van der Waals took courses at Leyden University. However, because he wasn't an enrolled student, it took him a lot longer to get teaching certificates.

It wasn't until 1864, that he got his first high school teaching job.

A few years later, a new law took away the language requirements for science students, trying to get into collage. Van der Waals, was finally able to take his collage examinations. He was admitted to the University, and in 1873, he got his doctors degree. His thesis was called, "On the continuity of the Gas and Liquid State.

In 1876 Van der Waals, was appointed the first Professor of physics, at Amsterdam University.

Though he received many honors, he did have a personal tragedy. His wife died very young, and he never married again. He raised four children by himself.

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This refrigerator is  
based on the  
van der Waals equation



# The Daily Tulip

- Peter Von Merftens, editor -

"Serving Holland for 350 years"

## Nobel Prize means community pride

*The Daily Tulip* joins all of the people of Holland in tremendous pride, that a man of our country has been awarded the very prestigious Nobel prize. It goes to show, what a fine education the children of Holland are receiving, and it shows a lot about who we are as a people.

It also shows what people of great determination and perseverance can accomplish. Because of old-fashioned rules, Mr. Van der Waals was not allowed to go to college right after high school. *The Daily Tulip* supports the new laws, that finally allowed Van der Waals to go to college. We will all benefit from Mr. Waals education, for generations to come. His story shows that every Dutch boy and girl should have the opportunity to have a higher education.

## Indonesians should go free

True, we, the Dutch people, take for granted the things that we use on a daily basis. Spices we use for making dinner, the cloths we wear, and even the hot chocolate that we drink, these are all things we use, but never think of where they come from.

Far away, on the many Islands of Indonesia, little Indonesian children are slaving away on Dutch plantations. They toil all day in the hot sun to make the products that we take for granted.

We have just entered a new century. The 1900s can be a time when we can come together as a people and right these wrongs. Right now the right thing to do is to pull out of Indonesia, and give the people their freedom back.

As Dutch people we rely on Indonesia for economic prosperity. How far are we willing to go to build our economy. Are we willing to oppress people, in order to grow financially. It is time to let the Indonesians go.

## Marijuana must remain illegal

Millions of tons of cheap marijuana are coming from Indonesia. Naturally, there are many citizens that want to legalize the drug. But Holland can not afford a strung out, unmotivated population. We need clear headed, hard working citizens to maintain our dikes and dams, or Holland will sink beneath the sea. We urge the Government to keep Marijuana illegal.

# DAILY HEALTH SCIENCE CARTOON



## LETTERS TO THE EDITOR

### 'Joe van Shmo' gets no love

To the editor:

I am sick and tired of picking up the *The Daily Tulip*, and reading nothing but of the so called brilliant scientists, that win all off these fancy awards. Enough already. I work a twelve hour days shoveling horse shit, you don't see me getting an award. The average citizens of Holland should get more recognition

than some geek playing with lab equipment. I'll tell you another thing, we the blue collar workers, feel down right unappreciated. We do the the dirty work around here, and go un noticed and unhonored.

How about some love for the shit shoveler?

Sincerely,  
Jon Van Dam



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*by Jamie Schechter*

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