

# Einstein's New Theory Would Be Greatest Scientific Achievement In History If it Could Be Proved

NEW YORK, Dec. 27 (AP)—Dr. Albert Einstein, whose theory of relativity helped open up the whole vast field of atomic research, has put forward an even more sensational theory.

He calls it a "generalized theory of gravitation."

It is a mathematical description of the mystery of gravity—the common force that keeps our feet on the floor and rules the movements of the stars.

If it can be proved, it will become a "universal law" and, in the view of other scientists, will stand as the highest scientific achievement of all time.

It would explain every physical motion in the universe, from the inside of an atom to the enormous galaxies of outer space.

It would crown with success the life work of Einstein, who has spent the last half of his 70 years looking for the answer to this ultimate problem, known to science as the "unified field theory."

It was revealed to the world here yesterday on 20 mimeographed

pages—a mixture of typewritten words and squiggly mathematical symbols that even scientists hesitated to interpret. It was the English translation of Einstein's original German.

Einstein describes it as an extension of his relativity theory, and was quick to point out that he has "not yet found a practical way to confront the results of the theory with experimental evidence"—or in short, to prove it.

When he published the "general theory of relativity" in 1915, Einstein suggested several actual tests that could be made to prove his ideas—and which actually did prove them in 1921. But this new theory is apparently so abstract that Einstein could not think of a physical test for it.

Einstein himself was not present at the public announcement, which was made at the opening of the annual meeting of the American Association for the Advancement of Science.

The Princeton university press

presented the paper. It is publishing it February as an added chapter in Einstein's own book, "The Meaning of Relativity." Einstein is now professor of mathematics at the institute for a advanced study at Princeton, a non-university group for fundamental research.

At the start of his paper, Einstein explains his aim:

"I shall try to present an attempt at the solution of this problem (the unified field theory, which appears to me highly convincing, although due to mathematical difficulties I have not yet found a way to confront the results of the theory with experimental evidence."

Several times before, Einstein has thought he had the answer, then discarded his ideas as faulty. But now his friends think he has actually discovered it, the magazine Scientific American said in a parallel article.

"He is said to have told close associates that he regards it as his greatest achievement," the magazine said. "He is reported to have given enthusiastic blackboard explanations of his equations."

But proof, if the theory can be proved, may take years, and any practical use may take years longer.

In earlier theories, Einstein linked space-and-time, matter-and-energy, and gravitation-and-inertia, as all parts of a single concept.

But one great force was left out—electromagnetism. This is what creates "electricity" and it is, like gravitation, an invisible force field that can act at a distance.

The new theory now includes electromagnetism, and it and gravitation are now viewed as two forms of one overall force.

In his general theory of 1915, Einstein showed by mathematics that gravitation and inertia were equivalent. This theory was proved when astronomers were able to detect the sun's gravity bending light from a distant star.

In the earlier special theory of relativity in 1905, Einstein had shown that space and time, instead of being separate, were both parts of a "space-time continuum."

As one result of the 1905 theory, Einstein wrote an equation saying that matter could be converted into energy—a fantastic amount of energy.

It seemed only a scientific curiosity until some matter—uranium 235—was turned into energy 45 years later over Hiroshima.

No one knows what it will take to prove Einstein's new theory. Or how long... or where.

## Most Autos Are Pre-War, Says Wilson

WASHINGTON, Dec. 27 (AP)—The head of General Motors figures that around 55 to 60 per cent of autos now running are pre-war.

Charles E. Wilson, making that estimate, added: "The used cars are still overpriced as compared to pre-war—if you put the dollar back in its purchasing power with relation to a new car."

Wilson was interviewed by editors of U. S. News and World Report, weekly news magazine published here. It copyrighted the article.

**Hotter Fuel**

Among other things he said he expects the next new development in the automobile will be "the use of high-octane fuel with more efficient engines." Another way to save fuel would be to lessen a car's weight, he said, "if you can take weight out, make the car just as good a performer and just as convenient for riding."

Wilson said he doesn't expect any radical or revolutionary changes in cars in the next few years. He said also he doesn't expect there will ever be a less-than-\$1000 car again.

## Cecil Gibbins' Funeral Set For Wednesday

LAKEVIEW — Cecil Gibbins, prominent Westside rancher, died Wednesday, December 21, at Klamath Falls and the funeral was held in Lakeview today, Monday, from the Elks lodgerooms at 2 p. m. Rev. Omer Idso officiated and interment was at Rest Haven cemetery in Eugene.

A veteran of World War I, Mr. Gibbins has been a Lake county rancher for the past 30 years. He was born July 16, 1880 at Center, Ark., and was 59 years of age.

Mr. Gibbins is survived by his widow, Marguerite Gibbins of Lakeview; one brother, Oscar Gibbins of Ashflat, Ark.; two half-brothers, Gus Caubie of Albany, Ore., and Jeff Caubie of Albany, Ore.; and by two half-sisters, Mrs. Callie Edwards of Scottsdale, Ariz., and Mrs. Minnie Buchanan of Center, Ark.

Speaking generally, Wilson said that 1950 should be another good year for business, if nothing happens to scare American buyers.

## Strangers Survive Chicago

CHICAGO, (AP)—Strangers are showing Chicagoans how to get across a street in one piece. Of the 204 pedestrians killed in traffic here in the first nine months of 1949, only nine were from out of town. Which caused Capt. Michael Ahern of the traffic force to conclude:

"Visitors, being unaccustomed to our traffic habits, apparently observe greater caution when crossing our streets."

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## Doctor Says Glaucoma, Common Eye Condition, Very Dangerous

By EDWIN F. JORDAN, M. D.

Glaucoma is one of the most common and serious causes of blindness. It is a particularly tragic condition because eye specialists say that its worst effects can be eliminated or at least greatly reduced by early diagnosis and by starting proper treatment promptly. In other words this is a condition which if neglected or if treatment is not carefully followed causes a progressive loss of vision, not to mention the pain and other uncomfortable symptoms.

There are several varieties of glaucoma recognized by medical men. One of them is acute glaucoma which generally begins with severe pain in one eye rather than in both. Both eyes water and the affected eyeball looks inflamed or infected. Swelling of the eyelids is common.

**Four Major Types**

In most cases the cause cannot be discovered though it is often associated with hardening of the ar-

teries. Four principal kinds are usually described. These are the acute inflammatory, the chronic iridoneuritic simple types.

Glaucoma comes principally to people between 35 and 70 and is a little more common in women than in men. The acute inflammation usually subsides and gradually becomes chronic. The so-called "absolute" glaucoma is merely the final stage of a glaucoma which has not been successfully treated.

In this disease it is extremely important to make a diagnosis and begin treatment early. When this is done the eye can be saved in almost all cases. Certain drugs are extremely helpful in the early stages, though they may have to be continued more or less indefinitely.

Total blindness can occur. For all these reasons, there are few conditions known in which it is more important to make an early diagnosis, start proper treatment promptly, and continue it without let up.

**The Doctor Answers**

QUESTION: I have read about people having a malignant growth from small moles. Could you tell me if this is true?

ANSWER: It is true of some kinds of moles and not of others. It is often recommended that those which can become malignant and are located on places likely to be irritated by rubbing be removed. This, however, should be done only under the very best of advice.

## Moonshiner's Death Charged As Murder

GRANTS PASS, Dec. 27 (AP)—A murder charge has been filed against Frank Crawford Paul, 44, in the gun death of a rural moonshiner who at first was believed a suicide.

Deputy Sheriff Louis Ringuette said Paul was arraigned yesterday and held in jail without bail in the shooting of Bird McGuire Wilson, 46, a neighbor in the Missouri flats district south of here.

Ringuette said Paul admitted he had a rifle with him while drinking with companions at Wilson's cabin Friday. The deputy said, however, that Paul insisted he did not shoot Wilson but that he had gone to the cabin Saturday, placed Wilson's rifle on the body when he found him dead and left without notifying police.

The sheriff reopened the case upon discovering that the gun on the body had the trigger safety on a locked position. Gilbert Baker, 24, was charged with illegal operation of a moonshine still he admitted operating in partnership with Wilson.

## GRAVE BOOBY-TRAP

SINGAPORE, Dec. 27 (AP)—A booby-trap mine exploded today in the midst of mourners gathered about a grave at Ipoh, capital of Perak state, and killed three of them. Twenty others were wounded. Police said Communist terrorists had planted the booby trap, only two feet away from the grave. It apparently was an anti-tank mine.

See the Latest Power Farming Methods, John Deere-Caterpillar Day, Jan. 4 Crater Lake Machinery Co.

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**By Jerry Thomas**  
Insurance Counselor

This column can be used logically in only one way this week so we extend

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