

### SAFETY PROBLEMS ENGAGE ENGINEERS

Association for Testing Materials to Hold Important Convention.

### STANDARDS TO BE SOUGHT

Many Unknown Factors in Use of Concrete Remain to Be Determined—World's Construction Experts Will Attend.

WASHINGTON, Sept. 5.—(Special.)—Scientists and engineers of world-wide repute who are indirectly responsible for the safety of the millions of people of the earth are to convene in this country September 2 to discuss and present solutions for the serious problems that have arisen in engineering in the last few years by reason of the tremendous advancement in the methods by which industry and commerce are carried on.

The technical experts, including representatives of the various foreign governments, are members of the International Association for Testing Materials and are coming to attend the congress of the association, which will open in New York September 2. The sessions of this association promise to be of far-reaching importance to every civilized country in the world. At no time has so eminent a body of engineers gathered in the United States and at no time have such momentous problems been presented.

**Competition Makes New Problems.** With the remarkable industrial development throughout the world, but more especially in the United States, and the great competition for the world's markets have come more modern methods of meeting the new conditions and these have imposed the problems upon the engineers. The trains that haul the products are bigger and heavier than ever, necessitating heavier and more powerful locomotives to haul them. The heavier trains demand stronger bridges and stronger rails. The failure of a rail, and the consequent heavy loss of life in the United States within the last year, has added impetus to the association's endeavor to find a safe rail, and the question will be discussed in several important papers.

The waste of property by fire in the United States each year, amounting to more than \$200,000,000, and the waste of several thousand human lives through these fires will provide a channel for discussion of the construction of buildings from materials that have fire-resisting qualities. Scientific tests of the ability of various materials to withstand fire have been made during the year in different government and private laboratories, and the findings will be given at the meetings of the association. There are indications that the scientists will give to the world the true type of fireproof, fire-resisting structures.

**Concrete Not Fully Understood.** The use of concrete has been more rapid than the science, and many unknown problems of the strength of this material still have to be solved. Several of these will be taken up by the members in papers of great practical importance to the entire world. The association is generally interested in world's standards in the testing of materials, and the leading scientific men of Great Britain, Germany, France, Belgium, Russia and Japan will compare notes with the engineers of the United States on many moot questions. These engineers are the men who determine what is known in engineering as "the facts of life," which means that the steel columns in a skyscraper have sufficient strength to withstand the stress of the winds of the lower floors, and that the great bridge spanning the Mississippi has the strength to carry over it in safety the ponderous freight train or the swiftly moving express train with its human cargo.

The sessions of the association in New York will continue through Saturday, September 7, and on Sunday the members start in a specially equipped hotel train for Washington, where they will visit the Government testing laboratories. The same train will take the members to Pittsburgh, where they will witness demonstrations at the experimental station of the Bureau of Mines, and will visit the great mines, the steel and cement mills and the electro-technical factories. The members will then go to Buffalo and Niagara Falls and on their way back to New York over the Lehigh Valley Railroad, after inspecting the cement plants along the line and the ordnance and structural works of the Bethlehem Steel Company.

### 40 COAL MINERS ARE DEAD

Explosion Prevents Further Attempts at Rescue in France.

LENS, France, Sept. 4.—At least 40 coal miners are dead as the result of the explosion of firedamp yesterday afternoon in the Clarence pit near Bruay. Three of the rescuing party were among the killed and others were injured trying to aid their entombed comrades.

Further explosions occurred today and the entire pit is on fire. Mining engineers have decided that it must be sealed. Twenty-one bodies had been brought to the surface before the continued explosions caused the rescuing parties to abandon the attempt to reach the remote section of the pit in which many of the victims were working.

### WOMAN SEEKS PILOTSHIP

Mrs. Gertrude Wynman, Seattle, Wants to Command Boats.

SEATTLE, Sept. 4.—Mrs. Gertrude Wynman, wife of Captain C. F. Wynman, of Tacoma, owns a steamboat line operating between Tacoma and Fashion Island, took an examination before the Puget Sound Marine Inspectors today for a master mariner's license. Mrs. Wynman already holds a license as a second-class pilot and wishes the new certificate that she may command her husband's boats at times. She is said to be a thoroughly competent steamboat woman.

### CHOLERA OUTBREAK GRAVE

United States Orders Quarantine Against Sardinian Ports.

WASHINGTON, Sept. 4.—A fresh outbreak of cholera in the town of Cagliari, in Southern Sardinia, was reported today to the public health service. Officials regard the outbreak as dangerous and have ordered quarantine at all United States ports against ships from the infected district.

### PRESIDENT TAFT AS HE IS TODAY.



Above—Taft at Columbus August 21. Below—Taft Extending Gird-Hand.

### TAFT ABLE TO WORK

Sprained Ankle and Attack of Gout Not Serious.

### PLANS ARE NOT CHANGED

President to Join Mrs. Taft on Mayflower Today, Although He Remains in His Apartments and Rests All Day.

WASHINGTON, Sept. 4.—Although suffering from a sprained ankle and a slight attack of gout, President Taft decided tonight not to change his plans to go to New York tomorrow to join Mrs. Taft on the Mayflower.

The President remained in his apartments most of the day, leaving them only to welcome to Washington the delegates to the International Congress of Applied Chemistry. It was announced tonight that the President would leave for New York tomorrow morning. Owing to his injury, it is probable the plan to board the Mayflower in the North River will be changed, the President going to meet the yacht at the Brooklyn Navy Yard instead.

Major Rhoades, the President's aide, said tonight that Mr. Taft's injury was not serious and that a week's rest at Beverly would put him on his feet again.

His comparative long siege of work this summer, with little opportunity for his usual daily exercise, is partly to blame for his condition, according to friends.

President Taft greeted from a wheel chair the delegates to the Eighth International Congress of Applied Chemistry in the East room of the White House.

At the opening session of the Congress, Dr. Rudolph Wegscheider of Austria said American chemists had accomplished in the last few years as much as European chemists had in 2000 years.

### CLAPP MAY HELP PEOPLE

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mind. He may find the Colonel unwilling to leave the stump to return to Washington for a few days on the witness stand.

Just before Congress adjourned, Colonel Roosevelt demanded an immediate hearing before the committee, explaining that he wanted to appear at that time because he could do so without interfering with his campaign programme. Most of the members of the committee had gone to their homes, however, only Senator Clapp and Senator Jones, of Washington, being at the capital, so the hearing could not be held. The Colonel pointedly intimated that he did not wish to be called as a witness in the midst of his stumping tour, and yet September 30 will find him in the midst of his swing around the circle, and probably a long way from Washington. The question naturally arises: Will Senator Clapp be willing to accommodate him, and postpone his hearing until after the campaign closes?

**Politicians Would Like Delay.** The fact is that politicians of all parties would be glad to have the investigation delayed until after the election, for it is a moral certainty that the committee is going to bring to light facts and evidence which will corroborate the general belief and understanding that the big corporations in past years have contributed large amounts to the campaign funds of both Democrats and Republicans, and it will be shown, beyond all question of doubt, that such men as Bryan, Belmont and others assailed by Bryan have been as liberal within their party as were Harriman, Archbold and others in the Republican party, and there is no reason to doubt that the investigation will disclose the further fact that some of the big corporations, "playing safe," contributed to both funds.

These disclosures will not set well with the American people, and if the investigation gets well under way before November 5, some candidate or candidates will be hurt. From the standpoint of the present day, it would appear that Woodrow Wilson has less at stake in the coming investigation than either of his rivals. He has never before been a candidate for the Presidency. No campaign fund was ever before raised in his behalf. He has had no alliances with the corporate-Archbold he has formed them during the present year, and that is not alleged even by his enemies. If Mr. Wilson is to be believed, he has been careful to avoid the acceptance of contributions from the corporations thus far this year.

### OHIO PARTY ORGANIZED

GARFORD TO BE T. R. NOMINEE FOR GOVERNOR.

James R. Garfield, in Keynote Address, Says Constitutional Election Presages Victory.

COLUMBUS, O., Sept. 4.—The Roosevelt Progressive party in Ohio completed its organization and began its first state convention today. Tomorrow morning the state convention will adopt a platform and nominate a full state ticket.

Walter F. Brown was elected chairman of the new state committee. He was chairman of the Republican state committee before the Roosevelt members withdrew. It is generally conceded tonight that Arthur L. Garford, of Elyria, will be the nominee for Governor.

James R. Garfield, Secretary of the Interior during part of Roosevelt's administration, delivered the keynote speech as temporary chairman at the convention today. The Democratic party, he declared, is under the control of the same men dominating the Republican party, adding that "the high character of his candidate for President does not outweigh the bad character of the party leaders, who do and will guide its action."

Mr. Garfield called attention to the story of the initiative and referendum, state-wide primary and judicial reform in the constitutional election yesterday, declaring that it indicated future victory for the Roosevelt Progressive party.

**RESULT GRATIFIES WILSON**—Candidate Says Democrats Lost No Votes to New Party.

SEAGIRT, N. J., Sept. 4.—The fact that the Democrats more than held their own in Vermont, a Republican state, and also made substantial gains, means business throughout the country, he declared, and he said that he regarded it as significant that the Democrats had carried the cities throughout Vermont.

"One thing is sure," added the Governor, "the Democrats did not lose any votes to the new party and the Republicans lost. The results are certainly encouraging."

### TAFT MEN TURN TO WILSON, SAYS T. R.

Colonel Declares Republican Party Has Been Swept Aside in Race.

### IOWA CROWDS CHEER HIM

Roosevelt Says Fight Lies Only Between New Party and 'Old Machine Democrats'—Bosses' Hands Seen at Baltimore.

DES MOINES, Ia., Sept. 4.—Upon Woodrow Wilson the hopes of the "standpatters" gradually are being centered, Colonel Roosevelt told the state Roosevelt Progressive convention of Iowa here today. Colonel Roosevelt also called for speedy downward revision of the tariff and denounced the Payne-Aldrich tariff law as containing "shams and humbugs."

The ex-President's speech was made at eve close of a hard day's campaigning through Iowa, which began with a speech at 7 o'clock and only ended when he left tonight for St. Paul. Five speeches were scheduled for his journey through the state from Keokuk to Des Moines, but the Colonel was called upon for twice that number, finding crowds awaiting him wherever his train stopped.

**Crowds Cheer Colonel.** When Colonel Roosevelt reached Des Moines several thousand persons were massed at the railway station. He made his way to his automobile through a struggling, cheering crowd and started out at the head of a parade through the city to the convention hall. All along the way the streets were crowded and the Colonel was cheered constantly. Just before leaving for his train tonight he made an address to a throng which filled the street in front of his hotel. In his speech to the convention Colonel Roosevelt said:

"This is only nominally a three-cornered fight. In reality the fight is between the party of the people on one side and on the other the bosses and the beneficiaries of privilege, who will throw their weight to whichever of the old parties they think can beat us."

**Democrats Alone Feared.** "You will find long before election day—already there are symptoms of it—that the old Republican party has been swept aside. The fight lies between us and the old machine Democracy."

"The official Republican party of today bears to the party of Lincoln the same semblance that a ship which has been captured by pirates does to the ship before it was captured. Barnes, Penrose, Guggenheim and the rest of them have known, who was meant by Republican principles if you had mentioned them. These men represent the crooked alliance between crooked politics and crooked business which has been the curse of American life."

"I see that Mr. What's-his-name, that Congressman from St. Louis, Louis Bartholdi—he was one of the high-waysmen—has asked Mr. Cummins to debate the Texas, California and Washington counties at a campaign in that county. I wouldn't debate with a pick-pocket the ownership of a watch he had stolen. Any man, any candidate for Governor or other office, who has knowledge of the facts and supports Mr. Taft gives us the right to say that he is not competent to pass upon honesty in public life."

**Appeal Made to Democrats.** "Now, a few words to the men who formerly were Democrats. I want to call your attention to this difference between the Chicago and Baltimore victories. The victory at Baltimore for Mr. Wilson was achieved because the bosses finally concluded that his victory meant their victory. At Chicago the bosses knew that our victory meant their defeat."

Colonel Roosevelt said he found among reactionary Republicans a growing purpose to support Mr. Wilson, on the theory that President Taft has been beaten already, and that the only hope of preserving the old parties was to support the Democratic ticket and defeat the Roosevelt Progressive party.

Turning to the tariff, Colonel Roosevelt said: "I have remained attached to the doctrine of the Progressive Party for three years ago. I don't believe in free trade. On the other hand, I don't believe in the 'standpat' Republican tariff. I believe there are great many 'shams and humbugs' in the Payne-Aldrich tariff bill. Among the shams and humbugs was the Tariff Board. It was better than no board, but it had such small powers that it worked with extreme slowness and nothing was accomplished. Our proposal is a real tariff commission. We favor a commission which will work speedily so that in a few months, if the Progressive administration comes in, it can take up and report on schedule after schedule."

### WILSON WELCOMES PEOPLE

(Continued From First Page.)

only practical blunder I have made in my interest in a liberal policy with regard to immigration, is that I got into the wrong society to encourage it. So that it was an indiscretion of judgment, and not an indiscretion of purpose, for my interest in immigration is to see that the immigrant is properly informed, is properly safeguarded.

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