'From Press to Home Within the Hour"

The Star's carrier system covers every city block and the regular edi-tion is delivered to Washington homes as fast as the papers are printed.

Yesterday's Circulation, 93,729

LEOPOLD AND LOEB Arctic Explorer GET LIFE; LENIENCY DUE TO AGE; START FOR PRISON TODAY

Caverly States No Minor Ever Was Executed in Illinois After Guilty Plea-Ignores Insanity Theory.

99 YEARS ALSO GIVEN FOR KIDNAPING CHARGE

Franks' Slayers Unmoved as Verdict Is Pronounced-Order Hearty Meal "That May Be Last"-Great Precautions Taken to Avert Disorder.

By the Associated Press.

CRIMINAL COURT BUILDING, CHICAGO, Ill., September 10.-Sen tences of life imprisonment for the murder of 14-year-old Robert Franks and 99 years' imprisonment for kidnaping the boy were meted out to-day to Nathan F. Leopold, jr., and Richard Loeb by Judge John R. Caverly. The youth of the defendants, 18 and 19 years, was all that By the Associated Press. saved them from the noose. The SHANGHAI, September 10.—Cessa- Comie Mack det separate sentences were passed to tion of the deluge which halted fighting to the firing line. meet legal technicalities.

ing" to impose the death penalty on persons who are not of full age.

Go to Prison Today.

At the office of the county sheriff in the Criminal Courts Building it was first announced that Leopold and Loeb would not be started for Joliet-today, but probably would be held in the local jail until Friday. There was, however, a persistent rumor that the start would be made within a few hours, and in the midst of conflicting reports Sheriff Hoffman definitely announced that Leopold and Loeb would be taken to Joliet penitentiary within an hour.

take more time to execute the papers he said that the start would not be made before 4 p.m.

The sheriff said that within a few

hours after the sentencing he had re-ceived several anonymous telephone warnings that preparations were being made to waylay the prisoners and their escort en route to the penitentiary.

Order Good Meals.

Drder Good Meals.

Leopold and Loeb ordered steaks two inches thick, with every side dish they could think of, for their dinner, the sheriff said.

"It may be the last good meal we will get in our lives," they said.

Judge Caverly remained in his chambers after delivering his sentence for about three-quarters of an hour. When he left it was by a private corridor and elevator. He was again surrounded by guards and went away from the building so swiftly that onlookers in the street were not aware of his identity.

aware of his identity.

Not a muscle moved in Leopold's face as Judge Caverly indicated life imprisonment was to be his fate. Loeb rapidly blinked his eyelids, gulp-ed almost unnoticeably and slightly almost unnoticeably and slightly ntracted his lips. Not a portion of eir bodies moved. Court was in ssion but ten minutes. "The testimony has been detailed

and elaborate, and has been given such wide publicity that it would be useless to repeat any now," said Judge "Put the court feels it his abnormal, otherwise they would not have committed the crime."

"Judgment cannot be affected by the tests brought into the record," said Judge Caverly.

"The crime was abhorrent, although there was no abuse of the bedy there was no abuse of the body.

Holds Pair Abnormal.

east resistance to impose the ex-reme penalty of the law," said the ray-haired judge in his decision. In choosing imprisonment law, and the circle in the presidential death, the court is moved chiefly by the age of the defendants, boys of 18 "It is not for the court to say that

"It is not for the court to say that he will not in any case enforce capital punishment, but he believes it is within his province to decline to impose the sentence of death on persons who are not of full age.

"This determination appears to be in accordance with the progress of criminal law all over the world and to the dictates of enlightenment of humanity. More than that, it seems to be in accordance with the prece-

to be in accordance with the precedents in this State. The records of Illinois know only two cases of minors who were put to death by legal process, to which number the court does not feel-inclined to make an addition."

Judge Caverly added that while the public imagination as forcibly as would hanging," yet "to the offenders, particularly of the type they are, the prolonged suffering of years of

(Centinued on Page 4, Column 1.)

Says Gulf Stream Is Getting Cooler

By Cable to The Star and Chicago Daily News.

CHRISTIANIA, September 10.—
The Spitzbergen expedition, led by the famous Arctic scientist, Hoel, has returned after a tour of exceptionally interesting results.

Hoel attributes this year's mild Arctic Summer to scanty rain. He made another interesting discovery, that the temperature of the gulf stream is diminishing. It is impossible to decide yet, he said, whether the phenomena is limited to this Summer or if a real cooling process has begun.

While mapping, the expedition found that the glaciers of Spitzbergen were returning from the coast to the inner country. One glacier in Vankeylan Bay has retreated 3½ kilometers since 1898. and King's glacier, 51½ kilometers since 1907. Some minor glaciers have totally disappeared in the last 12 years.

(Copyright, 1921, by the Chicago Daily News Co.)

SHANGHAI DRIVING TOWARD REAR OF **INVADERS' FORCES**

Village Taken 90 Miles West of City—Peking Expects Move to Collapse.

along the front south and west of Shanghai was the signal for resump-

Judge Caverly said no minor ever had been sentenced to death in Illinois on a plea of guilty, adding that such action was contrary to all the tendency of criminal law.

"The court finds no mitigation in the crime itself in the defendants' personalities or their antecedents," Judge Caverly said. He then accepted "full responsibility for declining" to impose the death penalty on Chekiang troops reported the capture

man definitely announced that Leopold and Loeb would be taken to Joliet penitentiary within an hour.

Despite Sheriff Hoffman's announcement, uncertainty continued as to when the boys would start for Joliet, and it appeared that several hours might elapse before the necessary legal papers would be executed.

Crowd Watches Jail.

An immense crowd gathered about the entrance of the Cook County Jail when the decision became known. A score of motor cycle policemen, lined up on both sides of the street, held the people in check. The crowd was silent and merely stood about, watching the jail doors.

Finally the crowd was convinced that Leow Town Tenanted in possession to Marcham to Wallangsu for the Conk Tenanted in possession to Joliet as the Joliet Standard and the Joliet Standard and the Marcham to Marcham to Marcham the July ments said.

Gen. Wu Pei-Fu has opened a new offensive against Gen. Lu Yung-Hslang, the governor of Chekiang, who is busily engaged holding back the army of Kiangsu, which has been attacking its troops west of Shanghal. According to advices reaching Peking, Gen. Sun Chuan-Fang, who offensive against Gen. Lu Yung-Hslang, the governor of Chekiang, who is busily engaged holding back the army of Kiangsu, which has been attacking its troops west of Shanghal. According to advices reaching Peking, Gen. Sun Chuan-Fang, who offensive against Gen. Lu Yung-Hslang, the governor of Chekiang, who is busily engaged holding back the army of Kiangsu, which has been attacking its troops west of Shanghal. According to advices reaching Peking, Gen. Sun Chuan-Fang, who is seen holding Foochow, in Fukien Province, for Wu, has arrived at Chuchow, in the south of Chekiang, with a stroops west of Shanghal. According to advices reaching Peking, Gen. Sun Chuchow, in Fukien Province, for Wu, has arrived at Chuchow, in the south of Chekiang, with a stroop of the Chekiang, who did offensive against Gen. Lu Yung-Hslang, the governor of Chekiang, who did offensive against Gen. Lu Yung-Hslang, the governor of Chekiang, who d

watching the jail doors.
Finally the crowd was convinced that it would see nothing and it dissolved. Meanwhile Sheriff Hoffman's office was busy preparing commitment papers for the warden of the Joliet penitentiary.
State's Attorney Crowe said that the hove probably would not start the hove probably would not start the hove probably would not start the love probable pro according to reports received here. The Chinese war office credits the reports and predicts that the disaffection of the troops will bring about a complete alteration in Lu Yung-

(Continued on Page 2, Column 7.)

COSDEN HOME ROBBED OF \$250,000 IN JEWELS

Lady Mountbatten, Member of Prince of Wales Party, Among Victims of Thieves.

NEW YORK, September 10.—Jewelry valued at \$250,000 was stolen from the home of J. S. Cosden, wealthy oil man and race horse owner, at Sands Point, Long Island, on Monday night, it was announced today by Gerard Luisi, head of the investigating company which is in charge of the search for the robbers. Some of the gems belonged to Lord and Lady Mountbatten, who accompanied the Prince of Wales to this country, and who were guests at the Cosden home.

NO CRITICISM OF DAVIS.

Senator Glass Indignant Over Pub-

lication of Private Letter. Senator Carter Glass expressed indignation today over a press dispatch from Richmond, published in The Star

by-haired judge in his decision choosing imprisonment instead of the the court is moved chiefly by age of the defendants, boys of 18 19 years.

Senator Glass' indignation was aroused in the first place because a private letter had been given out for the court to say that will not in any case enforce cappunishment, but he believes it is in his province to decline to imprive the sentence of death on perwho are not of full age. This determination appears to be coordance with the progress of nal law all over the world and edictates of entirely and the sentence of the court of the court is moved the contents had been so twisted as to place him in a false position. His letter was in reply to one from a constituent expressing regret that Senator Glass had not been made the Democratic nominee, and the following in Senator was a critic of John W.

Davis because of the latter's "swing on the under the persistent of the presidential campaign.

PHILADELPHIA — Peckinpaugh three wout Gray. Hale bounded the ball in front of the plate and did not run. Ruel grabbed the sphere and touched out the batter. Lamar singled over second. Miller scratched a single off Zachary's glove, Lamar stituent expressing regret that Senator of Glass had not been made the Democratic nominee, and the following in the sentence of death on persistent expressing regret that Senator of Glass had not been made the Democratic nominee, and the following in the sentence of death on persistent expressing regret that Senator of the latter's "swing on the provide the provide the sphere are defined to left, scoring Lamar and Miller. Simmons popped to Judge. Two runs. FOURTH INNING.

WASHINGTON—Ruel walked. Bluege was called out on strike was called on Judge.

Democratic nominee, and the following is the exact language the Virginia Senator used:

"It was certainly providential that I was not nominated as the candidate of the party for the presidency, inasmuch as I have been ill since returning from the convention. ing from the convention.
"The nomination of Mr. John W.

Davis was so good an achievemen Davis was so good an achievement that I scarcely hoped it could be brought about. In my judgement he was easily the best furnished man of them all for the place, and I am gratified to know that he is acquitting himself finely on the stump, although I believe in most I am not much of a believer in presidential candidates touring the country for votes."

MACKS TAKE FIRST TILT FROM NATS, 2-1; TRAIL IN SECOND, 5-1

Mogridge and Heimach Toe Slab in Second Game of Twin Bill.

HAUSER'S DOUBLE SENDS OVER A'S RUNS IN OPENER

Gray and Zachary Stage Pitchers' Battle, With the Former Having Better of Argument.

HOW THEY STAND.

Washington 79 57 .581 .584 .577 18 New York.. 78 58 .574 .577 .572 18

BY JOHN B. KELLER. SHIBE PARK, Philadelphia, September 10.-Both clubs sent left-handers

to the mound to start the second game of the day. George Mogridge was Manager Harris' pitching choice, while Connie Mack detailed Fred Heimach FIRST INNING.

SECOND INNING.

Chekiang troops reported the capture of the village of Susan in their drive to take Ihing.

The drive on Ihing is part of the campaign to take Changchow, the point from which the defending forces hope to attack the Kiangsu troops from the rear line on the Shanghai-Nanking Railway.

Wu Opens Offensive.

A force of Chekiang troops penetrated beyond Anting today, although that town remained in possession of Kiangsu forces, Lungwha announcements said.

Gen. Wu Pei-Fu has opened a new offensive against Gen. Lu Yung-Hsiang, the governor of Chekiang, who

popped to Hauser. Five runs.

PHILADELPHIA—Simmons doubled against the left field bleachers. Dykes flied to Rice, Simmons taking third after the catch. Galloway singled to right center, scoring Simmons. Perkins doubled down the left field line, sending Galloway to third. Meeker fanned. Hale fouled to Shirley. One

Gray and Zachary

tionals this afternoon in the first game of today's double-header by a

a complete alteration in Lu Yung-hsiang's plans.

Gen. Chang Tso-Lin, Manchurian war lord, who has been mobilizing his forces since Sunday, intends to open an attack on Shanghaikwan topen and the war pei-Fu on the base paths. Joe Zachary, veteran fork-hander

on the base paths. .
Cold weather held the attendance to about 3.000 for the dual attraction Joe Judge, who had been out of the game since last Thursday nursing sore ankle, returned to the lineup in his regular job at first base.

FIRST INNING.

WASHINGTON—Galloway threw out McNeely. Harris went out, Hale to Hauser. Rice singled to center. Goslin lifted a fly to Miller. No runs.
PHILADELPHIA—Hale hit Zachary's first pitch to left for a base. On the next pitch Lamar flied to Rice. Miller fanned. Hauser flied to Goslin. No runs.

· SECOND INNING.

SECOND INNING.

Washington—Miller made a fine running one-hand catch of Judge's liner to right. Lamar took Ruel's fly. Hale threw out Bluege. No runs. Philadelphia—Simmons clouted a single off Judge's glove. Dykes sacrificed, Bluege to Judge. Galloway also sacrificed, Zachary to Judge. Perkins flied to McNeely. No runs.

THIRD INNING.

WASHINGTON-A third strike was WASHINGTON—A third strike was called on Peckinpaugh. Zachary walked. Perkins went out to the box for McNeely's pop. Harris sent a long single past Hale, Zachary stopping at second. Rice walked on four pitched balls, filling the bases. Goslin walked, forcing Zachary home. A third trike was called on Judge. One run

WASHINGTON—Ruel walked. Bluege was called out on strikes. Peck popped to Dykes near the box. Dykes threw out Zachary. No runs.

PHILADELPHIA—Dykes flied to Mc-Neely. Galloway singled to right. Per-kins fouled to Judge. Gray singled to center, sending Galloway to third. Hale walked, filling the bases. Peckinpaugh threw out Lamar. No runs.



BOX SCORE OF FIRST GAME

WASHINGTON, D. C., WEDNESDAY, SEPTEMBER 10, 1924 - THIRTY-SIX PAGES.

W	ASHI	NGTO	N			
	AB.	R.	H.	0.	A.	
McNeely, cf	3	0	0	2	0	0
Leibold, cf	2	0	0	1	0	0
Harris, 2b	5	0	2	1	1	0
Rice, rf	4	0	1	1	0	0
Goslin, If	3	0	0	2	0	0
Judge, 1b	3	0	1	10	0	0
Shirley. 1b	0	0	0	0	0	0
Ruel, c	3	0	1	4	. 0	0
Bluege, 3b	4	0	0	1	3	0
Peck, ss	4	0	0	2	3	0
Zachary, p	2	1	0	0	2	0
Taylor	0	0	0	0	0	0
Tate	1	0	1	0	0	0
Totals	34	1	6	24	9	-0
Taylor ran for Judge in	the el	ghth in	ning.			

Taylor ran for Judge in	the el	ghth ins	ing.			
Tate batted for Zachary I	n the n	inth inn	ng.			
PI	HILAD	ELPH	IA			
	AB.	R.	H.	0.	A.	2
Hale, 3b	3	0	1	0	3	(
Lamer, If	4	1	1	2	0	(
Miller, rf	4	1	2	3	0	(
Hauser. 1b	4	0	2	7	0	(
Simmons, cf	4	0	1	1	0	(
Dykes, 2b	3	0	0	4	2	1
Galloway, ss	3	0	2	2	2	(
Perkins, c	3	0	0	8	2	(
Gray, p	3	0	1	0	0	. (
Totals	31	2/	10	27	9	1
sco	DRE B	Y INNIN	IGS			

Washington 0 0 1 0 0 0 0 Philadelphia 0 0 2

Sacrifice hits-Dykes, Galloway. Double plays-Harris to Peck Left on bases—Washington, S; Uhila-delphia, 9.
Banes on balls—Zachary, 1; Gray, 4.
Sirvek out—By Zachary, 2; by Gray, 6.
Umpires—Messrs. Connolly and Hilde-

WALES' U. S. VISIT

MAY BE EXTENDED

Will Stay Over for Polo

Matches, Secretary Says.

Eye Is Better.

Bids Howard Good-Bye.

Sir Esme Howard, the British am-passador, and Lady Howard called

bassador, and Lady Howard called at the James A. Burden home today to bid the prince good-bye. They will return tomorrow to Manchester, Mass., their Summer home.

By the Associated Press.

out. With a three-and-two count agains him, Hauser singled to left-center. Sim-mons forced Hauser, Zachary to Peck. Goslin ran far to his right to get Dykes' liner near the foul line. No runs.

SIXTH INNING.

WASHINGTON—Judge singled to center. Ruel popped to Dykes. Bluege flied to Simmons. Peck fanned. No

PHILADELPHIA-Galloway single

o center. Perkins, attempting to sacri-ice, popped to Judge. Gray rolled into a louble play, Harris to Peck to Judge. No runs.

SEVENTH INNING.

WASHINGTON—Dykes threw out Zachary. Leibold batted for McNeely and let a third strike go by. Harris singled to right-center. Rice bounced to Hauser. No runs.

PHILADELPHIA—Leibold now play-

singled to right-center. Rice bounced to Hauser. No runs.

PHILADELPHIA—Leibold now playing center for Washington. Hale-bunted and was thrown out by Bluege. Lamar took a third strike. Miller singled to left. Leibold came fast for Hauser's fiy. No runs.

EIGHTH INNING.

WASHINGTON—Goslin fouled to Perkins. Judge walked, Taylor went in to run for Judge. Ruel drove the ball down left-field line. It hit the bag and bounded over Hale's head for a single, sending Taylor to third. Bluege grounded to Hale, and Taylor, who attempted to score was run down, Hale to Perkins to Galloway to Hauser. Ruel took third and Bluege second on the play. Peck filed to Lamar. No runs.

PHILADELPHIA—Shirley now play-

and Bluege second on the play. Peck lied to Lamar. No runs.

PHILADELPHIA—Shirley now playing first for Washington. Harris made a leaping one-hand catch of Simmons liner. Dykes fouled to Ruel. Galloway fouled to Bluege. No runs.

tirely recovered. Dr. Richard Derby called again just before the prince left for the polo grounds. The swelling had almost entirely disappeared and the inflammation had gone. The prince will no longer wear his eyeshade or his yellow glasses. fouled to Bluege. No runs.

NINTH INNING.
WASHINGTON—Tate batted for
Zachary and singled to left. Leibold
bunted and forced Tate, Perkins to Galloway. Dykes made a splendid running catch of Harris' foul far behind first. Rice flied to Miller. No runs.

Rice flied to Miller. No runs.

EIGHT IN PLANE CRASH.

SMOLENSK. Russia, September 10.—The eight passengers in an airplane on the route between Moscow and Koenigsberg, East Prussia, had a narrow escape from death today when the plane, a big Fokker, crashed near here.

All the occupants, including M. Lozovsky, general secretary of the International Trade Unions allied with the Moscow organizations, were painfully injured. The machine was demolished.

Ruhr Customs Collections Cease.

DUESSELDORF, September 10.—
The collection of customs on the Eastern frontier of the occupied zone in the Ruhr, ceased at midnight last in the Ruhr, ceased at midnight last in the Moscow of collections of collections that the many parts of the world. The prince, fapt. Lascelles pointed out, could not comply with such requests unless here

walked, filling the bases, Peckinpaugh threw out Lamar. No runs.

DUESSELDORF, September 10.

DUESSELDORF, September 10.

The collection of customs on the Eastern frontier of the occupied zone in the Ruhr, ceased at midnight last of strike. Rice was safe on Dyke's fumble. Goslin forced Rice, Dykes unassisted. No runs.

PHILADELPHIA—Bluege stopped Miller's hot grounder and threw him

Miller's hot grounder and threw him

Miller's hot grounder and threw him

DUESSELDORF, September 10.—

The collection of customs on the Eastern frontier of the occupied zone in the Ruhr, ceased at midnight last on the Ruhr, ceased at midnight last on the Spent much of his time signing his name, and so a form letter explaining this is sent to each correspondent under the Dawes' plan reached at the Lendon conference last month.

Radio Programs—Page 23.

OVER WALSH SEEN

Strong Grip of Coolidge on Own State Held Reflected in Primary.

BY G. GOULD LINCOLN. The selection of Speaker Frederick H. Gillett by the Republicans of Massachusetts as their candidate for the senatorial seat now occupied by Senator David I. Walsh, Democrat, was regarded here today as another evidence of the strong grip which President Coolidge has on the people of his own State, and in a more limited way, of the grip which he has on the people generally.

Because of the announcements of

people generally.

Because of the announcements of Gillett support, first by Frank Stearns, close personal friend of the President, and second, by William M. Butler, chairman of the Republican national committee, the impression was created in Massachusetts that Mr. Coolidge wanted Gillett nominated.

chusetts, and both Mr. Coolidge and Mr. Gillett had been campaigning for many months for the senatorial nonination.

The Speaker will have his work cut out for him in the coming contest with Senator Walsh. But Republicans here from the Bay State are saying today that Mr. Gillett will be elected notwithstanding the popularity of Senator Walsh. They base their prediction on the fact that the Republican nominee for Senator this year will have the pressige of the Coolidge national ticket to aid him—that thousands of Republicans and others who will support Coolidge for President will you the straight Republican ticket to straight Republican to the tenth district to the straight Republicant to the straight Republican to the straight Republican to the straight Republican to the stra support Coolidge for President will vote the straight Republican ticket Furthermore, they say, now that Gilwilling to elect to the Senate'a man who is undeniably of senatorial tim-

GILLETT VICTORY

the the straight Republican ticket the straight Republican the s ber and size. They expect the solid support of Massachusetts Republicans for the Speaker.

Chairman William M. Butler today issued the following statement in regard to the Massachusetts pri-

mary:

"All available figures from Massachusetts, with more than half of all the precincts reported, show that F. H. Gillet, Speaker of the House of Representatives, has won the senatorial nomination by a large margin. It is gratifying that a stanch supporter of President Coolidge, who has rendered fine public service to the United States and Massachusets, should be nominated for the United States and Massachusets. Should be nominated for the United States and Massachusets.

Tam confident that he will re
(Continued on Page 2, Column 5.)

Among the Republicans hommatics and then were driven to Gen. Patrick's office. Into the Training and War plans section, where the world flight was planned and directed, the pilots walked and were immediately stampeded by brother officers and civilian employees who had worked and wortend for many months as they flew around the globe.

Maps of the United States were collected and then they were rushed to be the pressure of the United States were to be states Senate.

Tam confident that he will re
(Continued on Page 2, Column 5.)

Speaker's Victory in Bay State Sweeping.

BLEASE LEADS BYRNES;

RANSDELL RENOMINATED Other Primaries Held in Vermont

Colorado, Washington, Ariz na and Delaware. By the Associated Press.

DETROIT, September 10.—Senator
James Couzens took the lead for the

first time in the race for the Repub-lican nomination for United States Senator when 291 Wayne precincts placed him in front of Judge Arthur J. Tuttle. The vote, with 1,888 of the State's 2,765 precincts reported, was

Couzens, 222,374. Tuttle, 202,812.

Tussing, 22,618. Tuttle came into Wayne County with a lead of approximately 30,000 votes. Returns from Detroit were for Couzens, 2 to 1.

Couxens Is Confident.

Democratic candidate for both long and short senatorial terms.

Gov. Alex J. Groesbeck was nom-inated by the Republicans for a third term by an overwhelming plurality. With reports from 1.527 precincts the vote stood: Groesbeck, 152,223; Her-bert Baker, 51,731; James Hamilton, 62,124; Frederick Perry, 45,711; W. W. Potter, 10,929; Thomas Read, 8,347; Charles R. Sligh, 51,656.

ley of Boston had no opponent for the Democratic nomination for gov-Among the Republicans nominated Capt. and Mrs. Burdette S. Wright

Chemist Makes Sugar From Water, Carbon Dioxide and Ultra Violet Rays

By the Associated Press.
ITHACA, N. Y., September 10.— For the first time in history man has succeeded in making a sugar in a way similar to that in the green leaves of plants have been yielding it for countless ages, a meeting of the division of sugar chemistry of the American Chemical Society at Cornell Uni-

versity was told today.

This development, called by chemists one of the great triumphs chemists one of the great triumpus of modern times, was achieved by Dr. E. C. C. Baly, senior professor of chemistry in the University of Liverpool, England. Hel told the society he had made formaldehyde from carbon dioxide and water with the aid of ultra violet light, and sugar developed from the formaldehyde.

Principal J. C. Irvin of the Ancient Scottish University of St.

by Prof. Baly was glucose sugar.
In studying absorption spectra,
Prof. Baly and his associates developed the theory that the success of the chemical reactions occurring in the leaves of plants is
due to the fact that immense
quantities of energy are absorbed
from the sun's rays.

It has long been believed that
the first reaction which occurs in
a green leaf is the uniting of carbon dioxide and water to form a green leaf is the uniting of carbon dioxide and water to form formaldehyde. So Prof. Baly exposed carbon dioxide and water to ultra violet rays from a quartz-mercury vapor light. In this way he was able to form slight traces of formaldehyde, but he found that the formaldehyde immediately formed sugar and that the sugar at the same time was retransformed into formaldehyde.

The reactions involved in this synthesis of sugar, it was pointed out, require energy hundreds of

out, require energy hundreds of times greater than that for any reaction which has so far been commercialized.

COUZENS HAS 19,562 FLYERS TO REMAIN LEAD IN MICHIGAN; IN CAPITAL UNTIL GILLETT TRIUMPHS SATURDAY TO FLY Detroit Votes Save Senator. IN DEFENSE PARADE

TWO CENTS.

Thousands Who Failed to See Arrival Given Chance to See World Girdlers in Action Friday.

ROUTE FOR EXHIBITION FLIGHT IS ANNOUNCED

All Other Planes to Be Kept on Ground Until Smith and Companions Return From Cross-City Hop, Beginning at 1:30 P.M. Pilots See President.

BY FREDERICK R. NEELY. Washington, disappointed yester-day because the American Army

world airmen were unable to fly over the city on their arrival here from New York will have an opportunity Couzens Is Confident.

Senator Couzens, predicting his election to the full term in the United States Senate by at least 20,000 votes over Federal Judge Arthur J. Tuttle, his nearest opponent, in a formal statement to the Associated Press today expressed his gratification that "the unorganized Couzens movement has beaten the organized anti-Couzens movement."

The short term for the United States Senate, to fill the vacancy created by resignation of former Senator Newberry, and to which senator Couzens was appointed by Gov. Groesbeck until the time of the November election this year, also may have been won by Couzens. Returns from 1,521 precincts in the State at noon gave him a lead of 5,791 over Judge Tuttle for the Republican nomination for this office, which will expire next March. The vote stood: Couzens, 165,308; Hal H. Smith, 24,662; Arthur J. Tuttle, 159,517.

Groesbeck Wins Eastly.

Mortimer E. Cooley, dean of the gengineering department of the University of Michigan, was the only Democratic candidate for both long and short senatorial terms.

Gov. Alex J. Groesbeck was nominated by the Republicans for a third in identifying the flyers in the air. to see them in the air and on the mistake on the part of the public in identifying the flyers in the air.

Pilots Meet President.

Butler, chairman of the Republican national committee, the impression was created in Massachusetts that Mr. Coolidge wanted Gillett nominated.

This, although the President himself made no statement in regard to the three-cornered face for the senatorial nomination, with Louis A. Coolidge and Representative Dallinger competing against Speaker Gillett and each other.

Leads by 50,000.

A few weeks ago, even 10 days ago, according to reports from Massachusetts, the result of the senatorial race was much in doubt. But the returns now show Mr. Gillett leading his closest opponent by more than 50,000.

While the Speaker has been a National figure for a number of years by virtue of his choice to preside over the House, he has not been widely known personally in Massachusetts, and both Mr. Coolidge and Mr. Gillett had been campaigning for many months for the senatorial nomination for the senatorial nomination for the senatorial golden and Mr. Gillett had been campaigning for many months for the senatorial nomination for the senatorial nomination for the senatorial nomination for United States of the fight through many countries, inquired about how they landed and their contact with air currents and weather. The meeting lasted only a short time and then the aviatory were taken back to Gen. Patrick's difference of the context for the Republican normalistion for United States short with a short time and then the aviatory were taken back to Gen. Patrick's difference of the context will be presented with material concerning the proposed airway across and it will be for him alone with the special transport of the senatorial normal transport of the senatorial normal very development.

Pilots Meet President.

Accomanied by Secretary of War Weeks, Gen. Patrick and Brig. Gen. Patrick and Brig. Cen. Pat

Dine In Hotel Room.

The flyers dined in their rooms with

across the continent be submitted to the General. Scarcely had this work been underway when the word was passed that they were to meet Secretary of War Weeks and accompanied by Gen. Patrick and Mitchell drove up to the War Department.

While waiting for Secretary Weeks to receive them Gen. Patrick asked questions of Lieut. Nelson about his flight over Baltimore yesterday and what he would have done if the motor had gone bad over the city instead of a good field. Lieut Nelson said he would have tried to make the river and drop there but if not he would have to take the first street available. The consequences of such landing were not discussed.

Lieut Leslie P. Arnold, assistant pilot of the flagplane Chicago and Lieut Leslie P. Arnold, assistant pilot of the flagplane Chicago and Lieut Leslie P. Arnold, assistant pilot of the flagplane Chicago and Lieut Leslie P. Arnold, assistant pilot of the flagplane Chicago and Field this morning to check over the planes and see that they were in flying condition for Friday. They encountered large crowds around the planes many of whom came by automobile from nearby states.

They seemed especially interested in the equipment on the ships for the comfort of the pilots and mechanics on the long, weary grind across new, unexplored countries.

Neither of the two ships now at the field shows any ill effects of the long trip, attributed in great part by Army officers to the specially constructed

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Andrews, it was announced, by independent investigation, had proved that the product evolved