## Urges Helium to Float Airships

 most abunant IN U. S. A. It is Now Recoveres
Gas-More Experimental Work in
the Produotion of Helium
Urged by Van R. Manning. Washtngto
work in the
a substitute dirigbles is urg
ning, former ai
States bureau o
rector of reseat
Petroleum Insitit Petroleum Institute. The terrible loss
of life in the of life in the ZR-2 2 disaster at Hul
Ingland, Mr. Mes entuates the need for an
development of hellum here.
"The military The military and cormercial us
hellum for difiribises, sald M
Manning, 'Is generally recognized Manning, "Is generally recognized,
though to date no practical utlliza of this gas has been made ex
he government. In the spring of the government. In the spring of 1917 ,
as the irrector of the bureau of minee
I approved a preliminary nuvestigatio ton of hellum as a war measure as a result a co-operative effort wa
instigated by the Interior, Army an Mary departments lookling toward th
sovivig of a problem which was olving of a problem which was in
portant to our own and our aulies' in
(erests. Prompt and quicts res. Results Satisfactory.
"It can be sald to the credit o that satisfactory results were ob-
tained, atthough not in tume to put
into actual service dirlyibles flled
and ith helium. Amprice dirligibles fille
funds were al
oted by the Army and Navy depart-
$\qquad$

| Is Last Surviving Grandehild of Signer |
| :---: |
| Newport, R. I.-Henrletta the surviving grandchifld of a signer of the Declaration of Independence. She is the granddaughter of William Ellery. <br> Miss Ellery was born April 8 , 1838, and has lived her entire life in Newport. Nelther she nor her sister Mary, long since great many years they made thelr home in the Ellery homestead, on Thames street, the home of their grandfather, but this house is no longer standing. <br> The Newport chapter of the Daughters of the American Revolution is named after thls slgner of the Declaration of Independence. |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Prize Winners in Indian Baby Show

esses. One process was proved to
be successful, another not wholly sue-
cessful and the third plant has been weeks sgo. The fact is that the gov
rnment is now operating a larg pacity of 30,000 cuble feet of hellu "Maj. P. E. Van Nostrand of the
United States army, who was to have been one of the oflicers on the 111
fated $\mathrm{ZR}-2$, was one or the collabora tors in the development of this worlk
and fully ampreciates the tmportance
of hellum for fortitibes and balloons, went that nad the shlp been filled Expense Justified. "As one who had to berr the respon-
sibitity for the eepperimental work
untll a year aqo, I connot intll a year ago, I cannot enphiasize
oo strongly the statement that the
oovernment hey were, in separattures, large hellum from
hey
natural gas for use in dirlght natural gas for use in dirlgibles
whether for miltitary or commercial
purposes, have been thoroughly justified, and it will be obvious to any
one who hass even a superfictal didea

## New Aviation Terms Fixed

 Named in New Ort Definitely Army and Nav
CUTS OUT SLAMG PHRRSES overnment be forthcoming from the carry on further experimental work.
The goverument is now the chlef user the attention of our country to the immediate development of the rigid y undertaken by congress to the ent that the ofllcers and men who forfeited The story of helium was described


Motorcycling in Mojave Desert




 . t t
t
c

c | c |
| :--- |
| c |
| n |
| c |

```
st
```



## Volga Towns in Hunger Despair

 People Sit Silent in the Str
Awaiting Death to End Their Sufferings.

PICTURES OF GRIM MISER Docks and Railroad Stations Pile High with Belongings of Refugees
Driven FFom Their Land by Syzran, Russia. - There was a time
 There was a time when the air was
filted with a perfect babel of tongues
the languages of the Kalmueks, Monhe languages of the Kalmucks, Mon-
gols, Tartars, Chinese and Russlans-
out the crowds that throng the street of the city at present are mute. Even
the laughter of chlidren his been si-
tence tn the ceesprit that has setted
over these tenest lenced in the despntr that has settle
over these tens of thousands, who sit
crossing themselves, want
what seems to be the inowitable fo Pletures of misery seen here are du-
pilcated In Samara, Simbirsk, Saratof pilcated in Samara, Simbirsk, Saratoff
Tsaritzin, and every other city in the faminestricken valley of the Volga
Docks smd rallroad statlons are pile
high with the beloningo high with the belongings of the refi
gees, who were driven from their lan
by the drought and the clouds by the drought and the clouds of
grasshoppers that destroyed even th neager grain that had defied the heat
of the terrible summer now drawing to a tragic close. Committees are try-
tng to move the refugees to other of food, but it is necessary to use he limited river and rallroad transportation faclitites to send seed graln
into the country and to bring bread into the famine districts.
Many Many professional, beggars of the
gypsy type are to be found here and In other large centers in southern
Russla, but the starving farmers no alms and utter no cry. The stand stont and await their fate with
the stocism pictured so graphlcally
and truthfully by Toistoy and Dosto-

Sell Rings and Clothing.
Sell Rings and Clothing.
Markets have sprung up mushroon
tike here and there about the refuge camps, oftering for sor sate vegetagbes,
bread, flour and meat. They are sur bread, flour and meat. They are sur-
rounded by humgry people, who have
no money to ofter but
state of peashaustion, theilir carts being
horses. There is no hay or grain
here, and there is slight prospect that
the animals can be kept allive unti
In the carts are samovars, tolluing
machines, concertinas and Amertean
sewlng machines, which are bartere
sewing machines, which are barteren
for food or for cortins. The dead
lie unnoticed for hours, while neat
them are pitiful groups bolling a few
potatoes and onlons with which to
keep allve. Some markets are under
armed guard, but this appears to be
unnecessary, as the peasants are to
weak and passive to take viole
Typhus claiming Victims.
the few trains that leave here dall
and soldiers often pulh some of the
refugees from the cars, frequently
separating famllies, carse, frequents of
which have managed to secrete them-
selves between the cars.
Typhus has appeared in many
places and the hospital superintend-
other night while they were waiting
to be transferred to some other town.
others were lying about nad were so
helpless that it was difficult to dis.
tinvuish between the living and the
themash between the living and
HAS 4,000 PATIENTS


How woula you like to have 4,000
pattents and have to examine them all on Saturday afternoon? Thls is
the task nusigned to Floyd S. Young,
who hins clanese of the fish acunrinm
 except to see that his all weol fish ang are
supplifed with food and water, but on supplied with food and water, but on
Saturday afternoon he takes them all
out and gives them an examination and treats any of them that seem to be
ailing. They require baths; they have
to h.
 WOULD-BE RESCUERS PERISH



 The boy, turumine the mine were go. Whien heo looked back the the water
there was no o one In insizut



At the Harvest Festival of Java


The greatest of all the festivals celebrated in Java is the harvest festival.
During the processlon the sultans of the clans sit under great sunstades that
re covered with gold and silver stars, malikng plain the rankl of those equatted

