

St. Croix Avis.

77TH YEAR.

CHRISTIANSTED, V. I. U. S. A., MONDAY, 16TH APRIL 1923.

No. 86.

THE ST. CROIX AVIS

is printed and published daily (Sundays and Holidays excepted) by G. Johansen at the Avis Office.

TERMS---50 cents monthly in advance,
2 cents per single copy.

Entered as second-class matter May 26th 1917 at the Post Office at Christiansted, St. Croix, V. I. of the U. S. A., under the Act of March 3, 1879.

Contribution to this paper will be gladly received when the same deals with matters of general interest, and is accompanied with the author's name, as a guarantee of good faith. The editor cannot be responsible for the views of his correspondents nor does he necessarily endorse them.

TRYING TO HARNESS THE SUN'S HEAT.

Every once in a while somebody comes forward with an idea to utilize the sun's energy. The latest addition is Bernard Grossman, a graduate of the N. Y. city college, who proposes that engines be run with power generation from the sun's rays. In a recent demonstration in the college laboratory he was able to operate a miniature engine. Parabolic copper mirrors caught and focused the rays on a test tube of water, the heat causing steam which in turn operated the tiny engine at high speed. Grossman intends to build a larger model to test his theory.

However, the idea of putting the sun to such use is not new. The discovery of some method of utilizing this energy is regarded by scientists as essential to continue civilization in the future when the earth's coal and oil supplies are exhausted. Grossman's feat contributes nothing to the solution of the problem. Many others have succeeded in doing the same thing. Even now lenses and mirrors are being employed for the same purpose in California and on the desert of Sahara with but nominal success. While the idea works out in small experiments it is not much of a success when attempted on a big scale.

Though Prof. Charles Abbot of Mt. Wilson observatory, Cal. believes that the sun's energy will some day be used for lighting, motive and heating purposes he points out that one of the great difficulties faced is the problem of collecting the energy in parts of the earth freed from clouds and relaying it to other sections. The sun produces one horsepower of energy for every 20 square feet of

CHRISTIANSTED THEATRE

8.15. THIS EVENING 8.15.

THE FAMOUS
"ELMO LINCOLN"
(THE REAL ELMO)

IN

"UNDER CRIMSON SKIES"

See the Pretty Island Scenes. The Mutiny at Sea and a Full-Fledged Revolution. All in "Under Crimson Skies" with ELMO LINCOLN. He Remained Silent and Took a Prison Term in Preference to Save a Woman and her Child. Later He Escapes Prison and Leads His Men Against the Revolutionists.

Do not believe that ELMO LINCOLN is taking a Vacation just because this is not a Serial.

THUR DAY EVENING
(WEDNESDAY AT BETHLEHEM)

The Well-known French Heavyweight Champion, GEORGE CARPENTIER, (Said to be the Most Charming Man of Today) in "THE WONDER MAN".

MONDAY APRIL 23rd.

"Elaine Hammerstein"

IN

"HANDCUFFS OF KISSES".

ADMISSION

Reserved Seats.....25c.
General Entrance.....15c.
Children 15c. and 10c.

surface and 1.95 calories of heat per cubic centimeter. It is through the work of Dr. Abbot, aided by the "bolometer," an instrument invented by Langley, that the energy and heat of the sun and other stars has been determined. *The Pathfinder*

TO EXCAVATE HILL OF OPHEL IN JERUSALEM

French and British archaeologists will shortly begin the excavations of the foundations of ancient Jerusalem. They will start on the Hill of Ophel in the southeastern corner of the Holy City. In it they hope to find traces of early Hebrew civilization. It is disputed whether this hill was the true site of the city of David, especially since

the western hill in modern Jerusalem is known as Zion. However, Dr. J. A. Montgomery, professor of Semitics at the University of Pennsylvania and of Old Testament literature at the Philadelphia Divinity School, and president of the American School of Oriental Research, thinks primitive people would have chosen the site nearest the spring below the eastern hill. Besides, he says the eastern hill offered a natural defense in a rock which rose above the spring.—*Ibid.*

WANTED TO BUY
ONE CARD TABLE STANDING ON ONE LEG.
Please apply at this Office.