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**NEW PLANET SHOWN  
 IN ECCENTRIC ORBIT**

DISCOVERED BY GERMAN

Investigations by University  
 of California Astronomer  
 Gives Additional Facts  
 Regarding It

Primary calculations just completed under the direction of Prof. A. O. Leuschner of the astronomical department of the University of California, and his assistants reveal that the fast moving object discovered Oct. 23, by Prof. Baade at Bergedorf, Germany, is a minor planet moving at a high inclination to the ecliptic, close to the earth and near its perihelion, said an announcement by Prof. Leuschner recently.

The calculations, the announcement said, were attended by great difficulties due to the discovery of errors in earlier observations. Professor Leuschner said:

"While the inclination of about 26 degrees is exceeded by that of the planet Albert, with inclination of about 33 degrees, and while the eccentricity of about .55 is equaled by two other planets, there is no other planet now known which has both such high inclination and eccentricity.

"At its closest approach to the earth about a month before discovery, near perihelion on Sept. 28, the (new) planet's distance was about 20,000,000 miles, or approximately twice the distance of the famous planets Eros and Albert at their closest possible approach. The new planet is receding from both the earth and the sun.

"The mean daily motion of the new planet is about 7.85 seconds of arc. The length of the semi-major axis of the ellipse is 2.3-4 astronomical units. The orbit intersects the ecliptic at a point 243 degrees east of the vernal equinox and the perihelion (point of the orbit nearest the sun) lies 103 degrees further east in the orbit.

"The investigation was made possible chiefly by the accurate observation secured at the Lick Observatory since October 30 by Assistant Astronomer H. M. Jeers and Astronomer R. H. Tucker. An observation of Oct. 27 by Dr. Blesbroeck at the Yerkes Observatory at the University of Chicago, and one by E. C. Bower at the United States Naval Observatory at Washington, D. C., also were utilized."

The planet, Professor Leuschner said, has been photographed by H. B. Kaster, a graduate student of astronomy.

**RADIO STATION AT  
 CAPE TOWN, S. AFRICA**

Cape Town has recently joined the number of radio-casting cities throughout the world. It means, in a new and vast country such as Africa, something more than it does in the older and more civilized Europe and America. It means that thousands of South Africans in city, in village, and in the lonely places of the veldt will now be free from the isolation that has hitherto inclosed them.

After the first evening's radio-casting which was heard in Rhodesia, Portuguese East Africa, the South West Protectorate, and the four provinces of the Union, the success of Cape Town's radio-casting station is assured. It means that not merely news and information of all kinds will now reach the farmers of the spacious veldt of Africa, but that one of the best orchestras south of the equator which gives symphony concerts in Cape Town for eight months out of the year, will now be able to claim an audience extending over half a continent.

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country from the mountain top and, when a fire is located, telephones the information to the ranger nearest the fire.

Frank L. Mravia, 38, of 1840 West 22nd Place, Chicago, was killed instantly and two people were injured when Mravia crashed into a south-bound St. Paul passenger train at the Belvidere road crossing at Wilson, last week.

President Coolidge not much interested in an inaugural ball. He probably would prefer to turn the ice cream freezer for the refreshments rather than go on the floor and dance.

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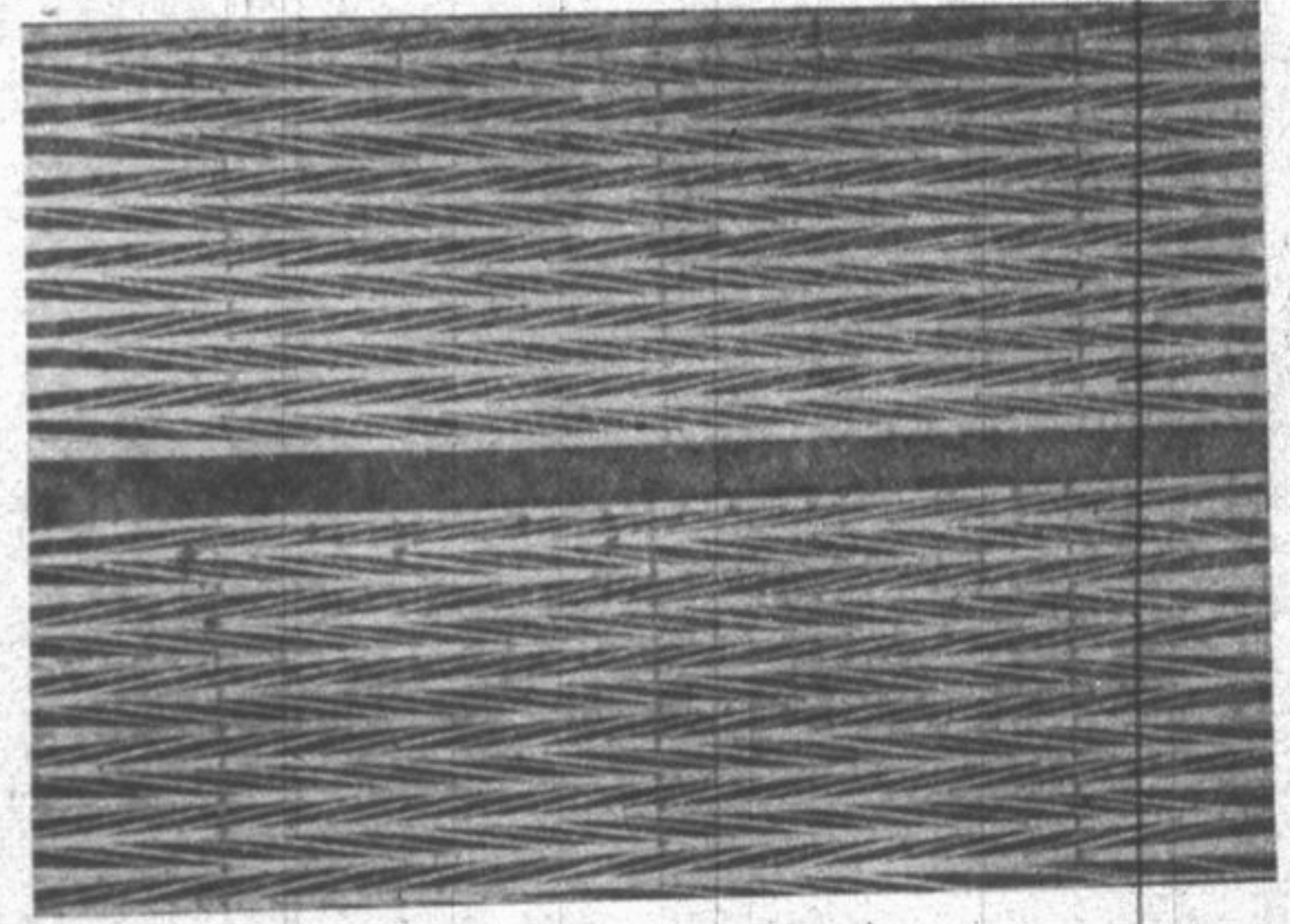
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