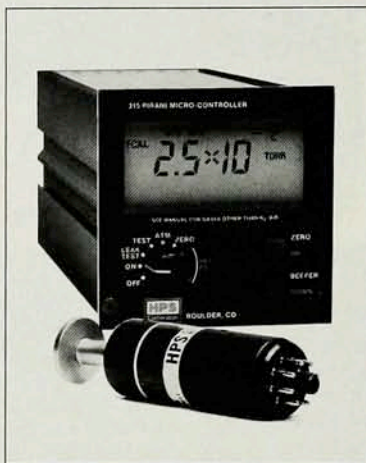


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- ▶ calibrated for air/nitrogen
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- ▶ mounts in panel cut-out, or use free standing



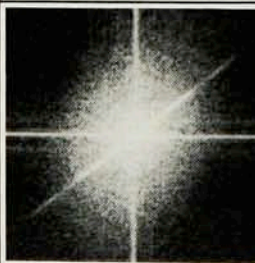
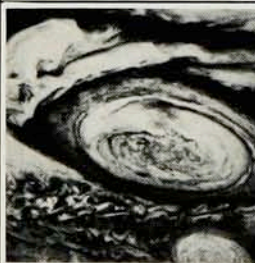
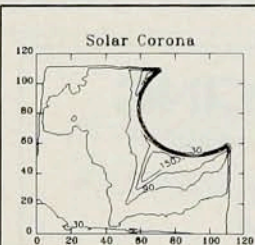
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## letters

served by Robert E. Schlier and Harrison E. Farnsworth.<sup>1</sup> Subsequently Lander reproduced their results in the new display-type LEED apparatus that had been developed by Lester Germer in 1960. Germer used a flat fluorescent screen—Lander's improvement was to use a curved screen. (He also introduced improved kinematical LEED analysis.) Details of the early LEED work of Farnsworth's laboratory, including the first observations of enlarged unit cells on Ge, InSb and GaSb as well as Si, appear in his Welch Memorial Lecture.<sup>2</sup> The lab's success was based on the development of ion bombardment and annealing as a method of producing atomically clean surfaces on semiconductors. The first LEED measurements on semiconductor surfaces produced by cleavage in vacuum were also carried out in this laboratory.<sup>3</sup>

### References

1. R. E. Schlier, H. E. Farnsworth, J. Chem. Phys. **30**, 917 (1959).
2. H. E. Farnsworth, J. Vac. Sci. Technol. **20**, 271 (1982).
3. D. Haneman, Phys. Rev. **119**, 563, 567 (1960).

D. HANEMAN

University of New South Wales  
Kensington, New South Wales,  
Australia

11/86

## Needed: Ice advice

I am an Optical Society of America member who will be representing Puerto Rico in the sport of luge (the luge is a small sled raced on an ice track) at the XVth Winter Olympic Games, to be held in Calgary, Canada, in February 1988. I am seeking advice and suggestions from the physics community for improving the performance of my sled. I would particularly appreciate hearing from those with expertise in ice friction and aerodynamics. Those interested may contact me at Rd. 1, Box 399A, Nassau NY 12123.

GEORGE F. TUCKER

8/87

Nassau, New York

## Moe Berg in the movies

With my partner, Jerry Feldman, I have received a grant from the American Film Institute to continue work and research on our film about the life and times of Morris (Moe) Berg. Berg was a man who lived between two worlds. For 18 seasons he played major league baseball and was the celebrity