



# THE INSTITUTE OF RADIO ENGINEERS

INCORPORATED

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## Professional Group on Ultrasonics Engineering (PGUE) NEWSLETTER #2

### Additions to the Administrative Committee

At the first Administrative Committee meeting it was decided to increase the Committee size from six to nine members. The purpose of this increase is to permit more adequate representation from the various geographical sections throughout the country. The three additional members who were elected are as follows:

Walter G. Cady,  
California Institute of Technology, Pasadena, Calif.  
William J. Fry,  
University of Illinois, Urbana, Illinois  
Frank Massa  
Massa Labs., Inc., Hingham, Massachusetts

### Ultrasonics Panel at the National Electronics Conference

NEWSLETTER #1 of May 9 announced that the Ultrasonics Engineering Group had accepted an invitation to conduct a panel on Ultrasonics in Chicago on September 28-30 at the NEC. Abstracts for this panel were also requested. Despite the short length of time available for the procurement of papers, a number of very interesting abstracts were received during the past month, of which five were selected. The title and authors of the papers to be presented are as follows:

1. A Non-contact Microdisplacement Meter by H. M. Sharaf  
(Laboratory for Electronics)
2. Ultrasonics and Medicine by J. F. Herrick (Mayo Clinic)
3. Ultrasonics and Industry by O. Mattiat (Clevite-Brush  
Development Co.)
4. Characteristics of Ultrasonic Delay Lines Using Quartz  
and Barium Titanate Ceramic Transducers by J. E. May, Jr.  
(Bell Telephone Labs.)
5. A Temperature Controlled Ultrasonic Solid Acoustic Delay  
Line, by E. S. Pennell (Bell Telephone Labs.)

### Co-sponsorship of Acoustics Society Symposium

Tentative plans are being made for the PGUE to co-sponsor the next Acoustic Society Symposium in Cleveland in October 1953. The theme will include industrial applications of ultrasonics.