## PROCEEDINGS OF THE TWENTY-SECOND MEETING.

Held in the School of Technology, Manchester, on Wednesday, January 15th, at 3.15 p.m., Mr. Duncan Webb, Vice-President, in the Chair.

The following paper was read:—

"Manufacturing Costs in the Glass Industry," by J. D. Mills, Chief Accountant of the Optical Munitions Branch of the Ministry of Munitions.

An excellent discussion followed, in which Messrs. F. Sweeting, J. Connolly, S. N. Jenkinson, F. Edward, Julian Osler, and the Chairman joined.

During the morning visits had, at the kind invitation of the Directors in each case, been paid by the members to the following works:—

Messrs. Ford Motor Co., Trafford Park.

Messrs. Burtles, Tate & Co., Ltd., Glass Works, Poland Street, Manchester.

Messrs. Molineaux, Webb & Co., Ltd., Manchester Flint Glass Works, Kirby Street, Manchester.

Messrs. William Nelson & Co., Ltd., Ancoats Glass Works, Pollard Street, Manchester.

A very hearty vote of thanks was passed to the Directors for their kindness and hospitality.

A vote of thanks was passed to the Governors of the Municipal Technical College, and to the Principal, Mr. J. C. Garnett, for their kindness in providing accommodation for the Society's meeting.

Mr. J. Connolly was cordially thanked for his services in making arrangements for the meeting.

## The following members were elected:-

## Collective Members.

Messrs. British & Foreign Bottle Co., 107, Cannon Street, London, E.C.4.

## Ordinary Members.

- G. A. Squires, Glasshouse Pot Maker, 2, Brunton Terrace, Sunderland.
- W. D. Hartshorn, 11, Wensom Street, Norwich.
- H. Vickers, Messrs. Wood Bros. Glass Co., Ltd., Barnsley.
- Major C. W. Thomas, Clifton House, Oldswinford, Stourbridge.
- R. H. Dowell, Messrs. J. H. Dowell & Sons, Ltd., Globe Works, Chatsworth Road, Clapton Park, London, N.E.
- C. A. Chidell, Messrs. South African Breweries, Ltd., 8, 9, and 10 Gt. St. Helens, London, E.C.3.
- G. D. Macbeth, Ph.D., Messrs. Macbeth Evans Glass Co., Pitssburgh, U.S.A.