

measurement and observation since. They were filled about half-past ten on Wednesday night and they are not turning out satisfactorily. I am afraid some of us, who plumed ourselves that we were making thoroughly satisfactory amalgam filling, will have to get ashamed of ourselves and do better. The result of these fillings show beyond a doubt that amalgam filling does not preserve the teeth. I confess to a feeling of deep humiliation as I sat in the meeting this morning, when we were holding the thirtieth anniversary of the date of the incorporation of the Royal College of Dental Surgeons, when dentistry in Ontario became a profession by the strong arm of the law. I was not happy by any means. In the first place, I had invited all the members of the senior and junior classes, about 130 men, to be present this morning, and we had about twenty of them wanting to learn something. In the second place, the members of the Society had gone to a great deal of trouble and expense to make this thirtieth anniversary a memorial day, and we had the grand total of thirty members of the Society present. It is not creditable to the members of the Society; it is not creditable to the dentists of the city. We had four admirable papers as we don't generally have an opportunity to listen to, and I regret exceedingly that the members of our own classes, and I regret equally as much that the members of the profession, whom I see now in considerable numbers, did not see fit to attend a meeting that was intended to be an important epoch meeting in the history of dentistry in this country. It affords me great pleasure to introduce to you Dr. Black, of Chicago.

Dr. G. V. BLACK, Dean of the Dental Department of the North Western University, Chicago, said :

*Mr. President and Gentlemen,*—In presenting to you this old subject of amalgam in its new features I am undertaking a task that is extremely difficult. I recognize that here, as I have recognized it elsewhere, I am introducing to you physical measurements of the movements of amalgam that will be difficult for you to comprehend, difficult for anyone. The manner of arriving at these results is perhaps somewhat difficult to understand, and I wish that you have the best opportunity that I can give you of understanding these plans of work; and of understanding what I say in regard to them. I recognize that it is exceedingly difficult for me to convey in words descriptions of these processes and of these movements that amalgams perform during the setting that would be clear to your minds. Now, I should like for Dr. W. E. Willmott, who has been with us in every measurement, I believe, and has kept the records of these measurements, has observed the movements recorded by the micrometer and the movements as seen by the microscope, been with us through it all, I would like