GREAT GLASS

Concave Mirror Made

For the American
University.

While on his way to the late conference of astronomers and astrophysicists at Williams Bay, Wis. The Ledger's astronomical correspondent was privileged to spend a day at Greenville, Penn., with the Rev. Dr. John Peate, the creator of the huge speculum designed for the reflecting telescope of the American University at Washington.

His ministerial career for upward of forty-five years—the doctor is now in his seventy-eighth year—has been exceedingly fruitful, and he has held the most important position within the bounds of the Eric.

The Verkes Observatory were shown a disk of glass on its turnstile sixty inches in diameter, just a little smaller than the Peate mirror, but eight inches in diameter, just a little smaller than the Peate mirror, but eight inches in diameter, just a little smaller than the latter, just a little smaller than the peate mirror, but eight inches in diameter, just a little smaller than the latter, just a little smaller than the same the mile with the sown on eventual guestion about the latter, just a little smaller than the seat mirror, but eight inches in diameter, just a little smaller than the seat the mirror, but eight inches in thickness. The only service under its own enormeus weight, and the consequent distortion of the image. But competent opticians speak very encouragingly as to this, Mr. Gr. Will's Ritchey, of the Verkes Observatory declaring the image. But competent opticians speak very encouragingly as to this, Mr. Gr. Will's Ritchey, of the Verkes Observatory were shown to feature under its own enormeus weight, and the consequent distortion of the image. But competent opticians speak very encursary in the consequent distortion about the latter, just a little smaller than the latter, just a little smaller than the sampler than the consequent distortion of the image. But competent opticians speak very encursary in the latter, which is so much think, and the enterprise to the feature under its own enormeus weight,



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FORTY SECOND YEA

Oratory Unabate

Many Werarisome Speech the British Election Campaign.

The Electors on Both Suffer From "That Tin Feeling."

Premier Gauged the Public He Stirred People to Vote.

London, Sept. 27.-The oratory parliamentary general election of on both sides continues with con both sides continues with the senergy. Owing, however, to the fifth government leaders have decight the election solely on the issue," the speeches have degener to wearisome repetitions. Can both Conservative and Liberal that it is impossible to arouse the apathy is so marked as to sh Lord Salisbury rightly gauged to of the country when he devoted the repart of his own manifesto to fort to convince the electors of ger of keeping away from the polymer of try have seized upon Mr. Cham et al. (1) and the country have a piece of 'rhete solence.'" Other speakers common Mr. Chamberlain's attempt it the country between Chamberlain traitors.

Mr. Anthur J. Balfour, first the treasury, speaking last ev Manchester. devoted himself to energy. Owing, however, to the f

Mr. Anthur J. Balfour, first the treasury, speaking last ev Manchester, devoted himself to of the government's successful legislation.

This morning the Morning Mathat "the Little Englanders" and abetter reception than was an and the Imperialists are greeted enflusiasm than would have case three months ago.

Considerable interest centres sult at Durham, Capt, Lambtoruiser Powerful, one of the bit the Earl of Durham, is standi Liberal interest at Newcastle, other brother, Hon. F. W. Lafte Unionist candidate at Durham seedery's manifesto was a second to Cant Lambton, with the Cart of the C

dressed to Capt. Lambton, we course of a speech last evening ously claimed credit for enticing meaning Lord Rosebery, out of Mr. John Haly, who was relevant of the content of the content

is practically no "sporting real contest. It is a certainty for vative party. To the public's of this fact is due the apathy the announcement of dissolut ceived, though the announce more suddenly and left short preparation than ever before. Yet, while the campaign is chief interest, by reason of conclusion, the issues and prominently brought forward plete and engrossing as "Hodge" to the polls. The briefly be described as an a country by the Conservative of their policy in South Afric Liberals base fheir claims for the failure of Lord Salisha ment to fulfil the many plet legislation made during the There are, of course, countie reuts and numberless side is main planks may fairly be sist as above. The Conservative is well explained by a appears to-day from Josep lain, in which the Colonis says:

"The principal issues of

appears to-day from Josephain, in which the Colonisarye:

"The principal issues of eral election are, in my merits of the war in Sout the nature of the settlement of the settlement of the settlement of the settlement of the war in Sout the nature of such danger to sions in South Africa, and tige of the Empire at lar have lately had to encounte "At such a time, I feet you will have the support of ist and of all patriotic I place the good of the countrapartizan interest."

Aft the Liberals declare to isony's action in going to an old and practically obe is not only against all pre unconstitutional. The Contout by saying that Lord scarcely be accused of trunfair advantage. Had he new register came in would have the undoubte large body of reservists, y volunteers now in South nothing of the likeshood the popularity of the wayounger sort, the new ronly have served to swell tive majority.

A curious feature, component election with those bid 1892 and 1895, is the Home Rule from the hus in Ireland, it is a dead is a thoroughly suspended o Polling commences Oct the end of that month the which bids fair to contin seven years. That less to preparation was given mare politicians on both a surface politicians on the surface poli

