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- No. 03 porosity—Fine bacteriological

The method of manufacturing Selas filter candles permits control over the number of pores per unit of area as well as their sizes. As a result, unusually rapid flow rates are characteristic of these filters.

<table>
<thead>
<tr>
<th>Size inches</th>
<th>Filtering length, inches</th>
<th>Each</th>
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<tbody>
<tr>
<td>6 x 3/16</td>
<td>6 x 7/32</td>
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<td>6 x 11/32</td>
<td>6 x 11/32</td>
<td>1.00</td>
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Fig. 2. Showing method of attaching Sizes 28 to 65, incl., to joint. After release of finger pressure, locking device is screwed into position.

PINCH CLAMPS, A.H.T. Co. Specification, (Patent applied for), for use on spherical ball-and-socket glass joints. Of brass, with smooth, black, corrosion-resistant finish, and with strong, spring closed, forked jaws. With the two parts of the glass joint held in one hand, and the Clamp held between thumb and forefinger of the other hand, as shown in Fig. 1 and Fig. 2, the Clamp can be quickly slipped over the joint. When pressure is released, the two parts are held securely by the spring.

Sizes 28 to 65, inclusive, are provided with a screw locking device in addition to the spiral spring, so that a considerable load can be suspended from the joint without danger of leakage. However, the Clamps are designed primarily for securing the joint and are not intended to replace the usual clamps, rings, tripods, etc., as ordinarily used for supporting glassware assemblies.

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3241. Pinch Clamps, A.H.T. Co. Specification, as above described. The size number indicates the diameter in millimeters of the ball over which the Clamp fits.

<table>
<thead>
<tr>
<th>Size number</th>
<th>12</th>
<th>18</th>
<th>28</th>
<th>35</th>
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<td>Cybl</td>
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<td>10% discount in carton containing 12 lots of 72 one size only</td>
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Copy of pamphlet EE-125, giving more detailed information regarding above Pinch Clamps, sent upon request.

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AGE, CHANGE AND THE ADAPTED LIFE

By Dr. WM. de B. MacNIDER
KENAN RESEARCH PROFESSOR OF PHARMACOLOGY, THE UNIVERSITY OF NORTH CAROLINA

The interest in ageing which has expressed itself here in such a happy and helpful fashion during the past two days is not new as an intellectual adventure. The application of such understanding is in the period of its anticipated commencement. To date it has not related itself to life in the form of a basic consideration of such a process on which and from which specific interpretations of the varied manifestations of life at different age periods may be considered. The average individual, too frequently the biologist and usually the pathologist, limits his interest and confines his intelligence of ageing to narrow categories of thought. He fails to appreciate the yearning of tissues for life and the amazing chemical and structural modifications they may participate in, even gross structural changes designated disease, in order to bring about organ adaptation and the adaptation of the individual as a whole to those changes which occur as the life span progresses. The certainty of the termination of this life span and the fact that all living things are concerned with it has stimulated the imagination of poets and philosophers. Their inquisitiveness has been either romantic or dominated by resignation and has not been demonstrably helpful. Another period which concerns itself with the facts of life is in its beginning, and as these facts accumulate through chemical, biological and psychological research the romance of life will find sound ground on which to express its related beauty. Ultimate resignation will become lost in an interest in the transitory prolongation and effectiveness of the different periods of the life span. The Browning concept of the "last of life for which the first was made" will assume tangible significance.

For centuries before Cicero's great statement concerning old age thought had been given to this state of man, but only in what may be designated recent

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1 An address at the Symposium on Ageing, Washington University Medical School, Saint Louis, March 24 and 25, 1944.