



6 Special Points of Construction make the FFSA the logical Laboratory Microscope

- 1 The objective elements are mounted in threadless metal cells, which means that they will always be in perfect alignment and that the distance between the lenses will be unalterably maintained.
- 2 The Body Tube is of fixed length insuring the best performance of the objectives at all times.
- 3 The Abbe condenser is divisible for various types of illumination and to allow the use of a dark field element.
- 4 The Patented Side Fine Adjustment is exceedingly slow in action and has automatic takeup for wear. One adjustment head is graduated to read 2.5 microns of vertical movement. The adjustment automatically ceases to act when objective touches the slide.
- 5 The Improved Rack and Pinion Substage gives long range of movement.
- 6 The Built-in Mechanical Stage is easy to operate and gives plenty of room for manipulation. It can be quickly removed.

Send for folder D-150 for further information

Bausch & Lomb Optical Company

697 Saint Paul Street

Rochester, N. Y.

Which Witch is Which?

Chemistry

JEROME ALEXANDER in *Journal of Industrial and Engineering Chemistry* (News Edition):

An Exorcism in Three Gasps.
Scene—A University Laboratory.

Round about th' equation go,
In the differentials throw;
Factors which assumption rules,
Based on spheric molecules.
Fix the pH sharp and well—
Naught of other ions tell,
Close your eyes, so you can't see
Effects of an impurity.

Then estimate, and calculate—
The differentials integrate.

Quote formulas or Nernst and
Stokes

(Though here invoked they seem
like jokes),

Combine, and blend with your re-
sults—

Sneer at the critics' keen insults,
Teach marks-men, who, whate'er
you tell,

Have hollow heads to echo well.

Then let it slowly leak around,
That Nature's final truth you've
found.

CHORUS OF PH. D'S.

If you would see Truth, as in dreams
of your youth,

Pledge your faith to fair Truth's
only scion,

If radicals reason, refute their foul
treason.

Be loyal to Hydrogen Ion—

Shun chlorides and citrates, and bro-
mides and nitrates,

For their rule is misleading and
mean—

H-Ion is King, and he rules every-
thing—

Hydroxyl we praise as his Queen!

CHORUS OF HARD-BOILED EGGS

If figures don't lie, liars figure, I
ween,

With swift-writhing Ultimates no one
has seen—

Many ions the milieu rule.

Divalents are bad, and trivalents are
worse,

Tetravalents, like Lanthanum, always
a curse—

For Dame Nature you never can
fool.

To us, Mathematics' a wicked old
witch,

Whose conclusions are sometimes a
joke—

Thus, statistical averages show that
I'm rich,

But my bank account proves that I'm
broke.

Science News-Letter, August 10, 1929