

Henry Edward Ebbage, 1862 – 1949

by Brian Stevenson, Kentucky, USA

Henry Ebbage was a pharmaceutical chemist, who prepared and sold microscope slides as an additional source of income. The earliest identified evidence suggesting that Ebbage made slides for other people dates from 1885. He was definitely a professional mounter by 1889, when Ebbage opened up his first business, a combination chemists' and microscopists' shop. D.S. Spence called Ebbage "*the most peripatetic of professionals*", on account of the large number of moves Ebbage made around England during his lifetime. Ebbage became interested in microscopy during his training in pharmacy, and his many early relocations were due to schooling and assistantships. The reasons for his moves after certification are not conclusively known, but suggest that he was often looking for a better business opportunity. In 1903, Ebbage passed certification as a spectacle maker, and shortly thereafter settled down for the rest of his life in Kingston-on-Thames, working as an optician. He reportedly ceased making microscope slides by 1910.



Figure 1. Examples of microscope slides prepared by Henry Ebbage. He prepared a wide variety of botanical, animal and chemical slides.

Henry Edward Ebbage was born November 15, 1862 in Halesworth, Suffolk. His father, William, was a bank clerk. The family was at least moderately affluent, as they employed domestic servants.

In January, 1879, 16 year-old Henry passed his preliminary examinations to become an apprentice/student pharmaceutical chemist. The 1881 census found Ebbage working as an assistant to (and living with) pharmacist Martin Hetherington of Yoxford, Suffolk.

In 1883, Ebbage sought to obtain a microscope (Figure 2A). This interest in microscopy may have stemmed from educational proposals that pharmacy students learn to microscopically examine the purity of botanicals and chemicals. Henry advertised from 34 Queen Square, Wolverhampton, Staffordshire in 1883 and 1884 (Fig. 2A and B). That was the address of William Cattrell's pharmacy during 1885, so Ebbage was presumably a trainee with Cattrell.

In March, 1885, Ebbage requested a copy of Lionel Beale's "*How to Use the Microscope*", a very useful book on all aspects of microscopy (Figure 2C). He used his parents' address of Halesworth. He may have been living with them at the time, or used their address because he was moving again. That April, a "*Mr. Ebbage*", who was probably Henry, advertised from Watton, Norfolk, to exchange photographs for microscope slides (Figure 2D). The next month, Henry was advertising to exchange microscope slides, possibly of his own making or they may have been unwanted acquisitions (Figure 2E). This is the earliest known record of Henry Ebbage offering to provide slides. That advertisement listed Framlingham as his address. Henry's parents moved from Halesworth to Framlingham between the 1881 and 1891 censuses – this advertisement indicates that the move occurred in the spring of 1885. In July and September of 1885, "*Mr. Ebbage*" both offered and requested microscope slides (Figure 2F, G and H). Given the evidence that Ebbage was interested in mounting slides, it is possible he wanted examples of other people's work in order to copy their techniques. The address used in those advertisements - 8 Lowfield Street, Dartford, Kent - was the chemist's shop of James Cann, apparently another of Henry Ebbage's mentors.

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| <p>A MICROSCOPE wanted; will exchange Busson's harmoniflute, 3-octave keyboard and stop, in perfect order (cost £4 4s).—H. Ebbage, 34 Queen Square, Wolverhampton.</p> | <p>B To pharmaceutical students: 35 officinal indigenous plants, mounted on card, 8 X 10, equal to new; small agate mortar or microscopic slides accepted in exchange.—H. E. Ebbage, 34 Queen Square, Wolverhampton.</p> |
| <p>C EXCHANGE offers requested for "Science for All," vol. i. and last monthly parts; "Amateur Work," 3 vols., and last parts; "European Ferns," eighteen 7d. parts; "Cassell's Popular Educator," cost 50s. "Beale on the Microscope" wanted.—H. Ebbage, Halesworth, Suffolk.</p> | <p>D MICROSCOPE slides wanted in exchange for pair of photographs. General Gordon and Colonel Burnaby, coloured in oils on convex glasses, value 10s.—Mr. Ebbage, Watton, Norfolk.</p> |
| <p>E COINS or medals wanted. What offers for twenty-four microscope slides? Six or more exchanged for others. Send list.—Henry E. Ebbage, Framlingham, Suffolk.</p> | <p>F COINS or books wanted in exchange for microscope slides.—Mr. Ebbage, 8 Lowfield Street, Dartford.</p> |
| <p>G To foreign stamp collectors. I have over 1400 stamps, mixed kinds, which I will send in exchange for five or six balsam mounted slides, not being a collector myself.—Mr. Ebbage, 8 Lowfield Street, Dartford.</p> | <p>H MICROSCOPE slides. What offers? Fishing-rod tackle and books on angling wanted; or a natural history.—Mr. Ebbage, 8 Lowfield Street, Dartford, Kent.</p> |

Figure 2. Evolution of a maker of microscope slides. (A) In 1883, Henry Ebbage advertised to acquire a microscope. **(B)** 1884. Probably looking to unload study aids from his training in pharmacy, Ebbage looked for an exchange that would be useful to him as a chemist or as a microscopist. **(C)** In March, 1885, Ebbage was looking for Beale's comprehensive work on microscopy, a very useful source of information on how to prepare objects for microscopical observation. **(D)** April, 1885, looking to acquire slides. **(E)** May, 1885, Ebbage offered to provide microscope slides. These may have been his own preparations, or may have been acquisitions he did not want to keep. **(F)** July, 1885. **(G)** Also July, 1885, asking for slides. **(H)** September,

1885, offering microscope slides for fishing tackle.

By mid-1886, Henry had made another move, this time to an assistantship in Edgbaston, Birmingham. The address he provided on exchange offers, 165 Hagley Road, was the chemists' shop of George Mclsaac. Ebbage mentioned his Birmingham assistantship several years later, in a published commentary on his practice of charging customers a surcharge to fill orders in the middle of the night (Figure 3A). An exchange offer from 1886 indicates that Ebbage was still looking for a good deal on Beale's microscopy book (Figure 3B). Through 1887 Ebbage was still requesting to receive other people's microscope slides (Figure 3C and E). However, he also asked for insect specimens, a good sign that he was getting serious about making microscope slides. The slides he offered in exchange may have been of his own making (Figure 3D).

- A** **Fee for Night Attendance.**
Referring to our remarks on Liverpool price-list, Mr. Henry Ebbage, Park Street Pharmacy, Southend, states that he always charges 1s. attendance between 11 P.M. and 8 A.M., and customers admit it to be reasonable. This was also the custom in a Birmingham pharmacy where he was assistant a few years ago.
- B** WANTED, Carpenter's or Beale's "Microscope Manual." Exchange only. Cassell's "European Ferns," handsomely bound, value 22s. 6d., or 3 vols. "Amateur Work," value 31s. 6d.—Mr. Ebbage, 165 Hagley Road, Birmingham.
Good camera apparatus, plate bottom, in good condition.
- C** WANTED, microscope slides in exchange for Cassell's "Technical Educator" and "Science for All." Also 1/4th or 1/2th objective: exchange, the "Royal Natural History," value £2 3s. 6d.—Ebbage, 165 Hagley Road, Birmingham.
- D** WANTED, dragonflies, grasshoppers, and other insects in spirit, also well-set Lepidoptera; exchange micro slides.—H. Ebbage, 165 Hagley Road, Edgbaston.
- E** WANTED, six dozen microscope slides; exchange, "Scientific Recreations," cost 11s., and Cassell's "Science for All," 4 vols., 5th and last now issuing, cost 39s.—Henry Ebbage, 165 Hagley Road, Birmingham.

Figure 3. Information from Henry Ebbage's assistantship in Birmingham, 1886-87. (A) A reflection from Ebbage, 1895. (B-E) Exchange offers that appeared in Hardwicke's *Science-Gossip* in May 1886, May 1887, October 1887 and November 1887, respectively. The October 1887 ad suggests that Ebbage was producing substantial numbers of microscope slides.

Henry Ebbage passed his final examinations on October 20, 1887, and was "declared to be qualified to be registered as (a) Chemist and Druggist". He presumably stayed with his Birmingham position for a while longer, since he posted an exchange request in the November, 1887 issue of *Hardwicke's Science-Gossip* (Figure 3E).

I have not located any information on Ebbage between the end of 1887 and the end of 1888. Presumably, he was busy setting up his first independent business, at 344 Caledonian Road, London. In November, 1888, Ebbage offered to provide slides in exchange for "good books on microscopy". The following month, he sought to acquire "micro slides" in exchange for an "air-pump with bell glass, also cyclostyle apparatus for printing circulars, lists, &c., both new". His business was soon to heavily advertise microscopes, slides and supplies for sale, so Ebbage may have been looking for slides and books to re-sell. By May of 1889, Henry Ebbage was a legitimate professional microscopy retailer (Figure 4). He produced a catalogue that October, to be sent to potential customers, free of charge.

A July, 1889

MICROSCOPES AND OBJECTS.—Popular Slides for Exhibiting, Gorgeous Polarizing, Brilliant Opaque, &c. 5s. Dozen. List. Microscopes, Accessories, and all Requisites.—**HENRY EBBAGE**, 344 Caledonian Road, London.

B Oct., 1889

MICROSCOPES, OBJECTS, &c.

Microscopes, 7s. 6d. to £30. Thousands of Popular Slides 5s. dozen. Mounting Apparatus and all Requisites. List Free. **HENRY EBBAGE**, 344 Caledonian Road, London.

C Nov., 1889

HENRY EBBAGE,

344 CALEDONIAN ROAD, LONDON.

Microscopes for Analysts, Brewers, and Students.

Micro-Objects of every description. Slides 3 × 1.

Entertaining Slides for Evening Exhibition, 5s. Dozen.

Micro-Polariscopes, and all Accessories.

Mounting Apparatus, and all Requisites.

Catalogue free. Please mention this Paper.

D Feb., 1890

HENRY EBBAGE,

344 CALEDONIAN ROAD, LONDON.

MICROSCOPIC OBJECTS, Gorgeous Polarizing, Brilliant Opaque, and Entertaining Slides, 3 × 1, suitable for Evening Exhibition, 5s. Dozen; Four Dozen Slides sent carefully packed and Postage paid, for 21s., to Australian Colonies, Belgium, Canada, France, Germany, India, New Zealand, South Africa, &c. Microscopes, Mounting Apparatus, and all requisites supplied.

Catalogue free to all Parts.

E April, 1890

HENRY EBBAGE,

344 CALEDONIAN ROAD, LONDON.

MICROSCOPES for Recreation or Research.

BIOLOGICAL MICROSCOPE, for Analysts, Brewers, Students. A reliable instrument, and unsurpassed at the price. 2 Eye-pieces, $\frac{1}{4}$ -inch and $\frac{1}{2}$ -inch Objectives, mahogany case, £5 5s. With rack to coarse adjustment, £6 6s.

MOUNTED OBJECTS of every description. see List. Gorgeous Polarizing, Brilliant Opaque, and Entertaining Slides for Evening Exhibition, 5s. dozen. Four dozen Slides sent carefully packed, and postage paid, for 21s., to Australian Colonies, Belgium, Canada, France, Germany, India, New Zealand, South Africa.

OBJECT CABINETS, Cases with Trays, Racked Boxes.

POLARISCOPES and all Accessories.

MOUNTING REQUISITES.—Turn-tables, Section-cutters, Knives, Scissors, Slips, Clips, Covers Cells, Cements, Labels.

Catalogue Free to all Parts.

E May, 1890

HENRY EBBAGE,

344, CALEDONIAN RD., LONDON.

OPTICAL APPARATUS OF THE FIRST QUALITY.

The following Catalogues sent free to all parts:—

No. 1. MICROSCOPES.

Includes Instruments for recreation or research, Accessories, Mounting Requisites, &c.

No. 2. MICROSCOPIC OBJECTS.

Every description for exhibition or study.

No. 3. PHOTOGRAPHIC APPARATUS.

Tourists' and Detective Cameras, Sets for Ladies, Dark Tents, and Accessories.

No. 4. TELESCOPES.

Tourists' and Astronomical; also Opera and Field Glasses, Stereoscopes, Camera Obscura.

No. 5. SPECTACLES.

To suit all sights; Folders, Cases, &c.

No. 6. OPTICAL LANTERNS.

Figure 4. Advertisements for Henry Ebbage's new establishment, which heavily featured microscopy and other optical pursuits. Although Ebbage made microscope slides, there is no evidence that he manufactured the microscopes, telescopes and other apparatus which he sold. He did, however, become a certified eyeglass maker in 1903, so it is possible he was making spectacles as early as 1890. Advertisements A-E are from 'Nature', F is from 'Knowledge'.

A

WANTED, dried leaves, *Deutzia*, *Eleagnus*, *onosma*, &c.; also lepidoptera, *Ulysses morpho*, *rypheus*, &c. Good exchange.—Henry Ebbage, 344 Caledonian Road, London.

B

WANTED, bees, wasps, sawflies, and other insects in spirit; micro slides in exchange.—Henry Ebbage, 344 Caledonian Road, London.

C

WANTED, physiological and scientific micro slides in exchange for polarising, opaque, and other popular objects.—Henry Ebbage, 344 Caledonian Road, London.

D

WANTED, slides of selected diatoms in exchange for gem air-gun, telescope, air-pump, skates, &c.—Henry Ebbage, 344 Caledonian Road, London.

Figure 5. A commercial microscope slide dealer acquires material – exchange offers from Henry Ebbage that appeared in ‘Hardwicke’s Science Gossip’ during 1889. **(A and B)** In March and April, respectively, Ebbage asked for material that he could use to manufacture slides. He may also have sold unmounted material to customers who wanted to make their own slides. **(C and D)** In January and November, respectively, Ebbage asked for prepared slides. He may have resold these from his shop, a common practice among slide dealers. Such evidence suggests that some slides labeled “Ebbage” were not actually produced by him.

Henry Ebbage’s shop on Caledonian Road was undoubtedly also a pharmacy. This location was the chemist’s shop of William P. Smith in 1885. The 1891 census lists Ebbage as being a “chemist”, living in a boarding house in Brixton.

Based upon the census of 1891, Ebbage’s London chemist/microscopist/optical instruments shop probably stayed in business until at least the end of March, 1891. Other evidence indicates that the venture was not successful, and soon closed. Beginning in January, 1891, Ebbage’s exchange offers in *Hardwicke’s Science-Gossip* requested contact at his parents’ home in Framlingham. In April, 1891, he advertised in *The English Mechanic and World of Science* to sell “Henry Ebbage’s Popular Microscope Slides” from Framlingham, not London.

Ebbage published a brief article on making crystals in August, 1891, also sent in from Framlingham: “A pretty object for entertaining friends is the arborescent growth of silver crystals. To show this, dissolve a small crystal of silver nitrate (or a piece of lunar caustic) in a few drops of rain water. Place a drop of this solution in the centre of a slip of glass, and arrange it under a low power of the microscope, concentrating the light from above by means of a stand condensing lens. Now take a piece of copper bell-wire, 1 1/2in. long, and bend it like a capital L, then bend the longer limb to form a hook, which will rest anchor fashion when laid down. Place this at the side of the drop of solution, allowing the hook to dip into it at the edge. Chemical exchange results, copper going into solution, and silver crystallising out. N.B.—Do not spill the solution, as it stains black.” This is highly suggestive of the closure of Ebbage’s Caledonian Road shop – it is difficult to believe that a chemist/microscopist would not use his business address with a publication that so obviously ties in to that business.



Figure 6. An Ebbage preparation of crystallized silver, prepared as described in *The English Mechanic and World of Science*, 1891. Note the hole in the crystals where Ebbage had placed the copper wire.

Ebbage also published a note on how to make an “extempore micro-erector”, in the October 1891 issue of *The English Mechanic and World of Science* (no address printed): “Beginners find a difficulty in operating under the compound microscope, owing to the reversed appearance of the object. They will be glad to know that an effective substitute for an erecting glass is a 1/2 in. or 1/4 in. objective, inverted, and resting on the eyepiece. By its means scales and diatoms may be arranged, vegetable vessels isolated, and delicate dissections made”. This suggests that Ebbage was mounting diatoms and insect scales himself in 1891.

By April, 1892, Henry Ebbage had definitely left London, and his parents’ home, for Southend-

on Sea, Essex (Figures 7 and 8). He established a pharmacy on Park Street. Microscope slides were also on sale, although there is no evidence that Ebbage sold microscopes, etc., as he had in London.

MICROSCOPE SLIDES.
Attractive Slides for exhibiting; gorgeous polarising, brilliant opaque, and interesting objects in great variety. Price 5s. doz. Many worth 12s. each.
SPECIAL OFFER.—Two dozen Slides post-free for 12s., to Belgium, Canada, France, Germany, India, Malta, New Zealand, South Africa, Switzerland, Trinidad, and Australia (except Queensland).
HENRY EBBAGE, Southend-on-Sea.
Known everywhere.

Figure 7. An 1892 advertisement for Henry Ebbage's microscope slides, from Hardwicke's Science Gossip. Microscope slides labeled with Ebbage's Southend-on-Sea address can be dated as having been sold between 1892 and ca. 1899, when Ebbage moved from that town.

YOU ARE DYING
BY INCHES!
Your appetite is failing; there is a nasty taste in the mouth; you feel dull and listless, and disinclined for any exertion. Don't delay!
BLANK'S LIVER PILLS
WILL
give you new vigour, improve the appetite, cleanse the tongue, and
SAVE YOUR LIFE.
In boxes, 1s. and 2s. 6d.
Prepared and Sold only by
BLANK,
DISPENSING CHEMIST,
DULLTOWN-BY-SEA.

(61) H. E. EBBAGE,
Southend.

Figure 8. A redacted version of an advertisement by Henry Ebbage, shown as a good example in the article "How to Advertise Liver Pills", in the April, 1894 issue of 'Chemist and Druggist'. To avoid the appearance of promoting specific medications or pharmacists, all of the example ads in this article changed the chemists' names to "Blank", and their locations to "Dulltown". Then, as now, pharmaceutical manufacturers exploited fear to promote sales.

On September 18, 1894, "Henry Edward Ebbage, chemist and druggist, of Southend-on-Sea" married Bessie Ellen in her hometown of South Cove, Suffolk.

Ebbage's microscopy business appears to have continued for a few more years. In 1895, he requested "A few dozen mounted Microscopic Objects; also a good dissecting microscope". The dissecting microscope would have been useful for preparing slides.

Yet, in 1900, Ebbage sought to trade away his “*Beck’s small erect image microscope*” (probably a dissecting microscope), and “*brass mounting table with spirit lamp*” (Figure 9). This offer came from Ebbage’s new home of 11 Hall Quay, Great Yarmouth. These trades suggest that Ebbage was ceasing his serious manufacture of microscope slides. The Ebbages had moved from Southend-by-Sea to Great Yarmouth by late summer of 1899, as their infant son died in Great Yarmouth on August 18. The 1901 census recorded Ebbage as being a “*dispensing chemist*”, and the employer of a “*chemist’s assistant*” (who lived with the Ebbage family, and a domestic servant. In the May issue of *Science-Gossip*, Ebbage advertised to develop camera film. The June issue held an identical advertisement, except the advertiser was “*A. Howard (Late Ebbage), Chemist, Gt. Yarmouth*”.

WANTED, to exchange Beck’s small erect image microscope, in case, without stand, cost 18s. 6d., type slide of foraminifera, cost 12s., and brass mounting table with spirit lamp, cost 4s. 6d., for a telescope.—H. Ebbage, 11 Hall Quay Great Yarmouth.

Figure 9. An 1900 exchange offer from Henry Ebbage to trade his microscope slide-making equipment for a telescope.

By November, 1902, Ebbage was in Richmond, Surrey (Figure 10). He was evidently seeking a new occupation.

SUCCESSFUL BUSINESS MANAGER, 39, seeks engagement. Good organiser, varied experience, Chemical Manufacture, Analysis, Scientific Apparatus, Colour Photography, Microscopy, Optical Projection. Would Travel. Interview.—CHEMIST, 3 Dunstan Road, Richmond.

Figure 10. 1902 advertisement placed in Nature.

On January 16, 1903, Henry Ebbage was voted into the Quekett Microscopical Club.

Also in 1903, Henry Ebbage passed the examination to become a member of the Spectacle Makers’ Company, indicating excellence in eyeglass manufacture.

The 1906 QMC list of members recorded Henry Ebbage as living at 14 Orchard Road, Kingston-on-Thames. He was not listed as a QMC member in 1908, or any year thereafter.

Ebbage lived in Kingston-on-Thames for the rest of his life, working as an optician. According to his son, Eric (cited by Spence, 1957), Henry Ebbage “*took flying lessons, and was piloting small planes at the age of 74; he was a motorist and a player in chess matches for his club. He made few slides after 1910*”.

Henry Ebbage died June 5, 1949.

Email author: brian.stevenson AT uky DOT edu

This and other illustrated biographies of early microscopists can also be seen at the author’s web site, <http://microscopist.net>

Resources

Bracegirdle, Brian (1998) *Microscopical Mounts and Mounters*, Quekett Microscopical Club, London, pages 34 and 134, plate 15A, B & C

Calendar of the Pharmaceutical Society of Great Britain (1885) Associates: William Cannell, 34 Queen St., Wolverhampton, page 145

Chemical News and Journal of Industrial Science (1889) Advertisement for slides from Henry Ebbage, Vol. 60, page vii

Chemist and Druggist (1894) How to advertise liver pills, Vol. 44, pages 551-553

Chemist and Druggist (1894) "On September 18, at St. Lawrence Church, South Cove, by the Rev. G. M. Norris, Henry Edward Ebbage, chemist and druggist, of Southend-on-Sea, to Bessie Ellen, eldest daughter of Mr. Benjamin Pipe, South Cove, Suffolk", Vol. 45, page 519

Chemist and Druggist (1895) Fee for night attendance, Vol. 46, page 539

Chemist and Druggist (1899) Death of Gervais Kerner Ebbage on August 18, Vol. 55

Ebbage, Henry (1891) Extempore micro-erector, *English Mechanic and World of Science*, page 201, Vol. 54

Ebbage, Henry (1891) Recreative microscopy, *English Mechanic and World of Science*, page 17, Vol. 54

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English Mechanic and World of Science (1890) Advertisement from Henry Ebbage, page 238, Vol. 52

English Mechanic and World of Science (1891) Advertisements from Henry Ebbage, pages 88, 192 and 440, Vol. 53

English Mechanic and World of Science (1891) Advertisement from Henry Ebbage, page 24, Vol. 54

English Mechanic and World of Science (1892) Advertisements from Henry Ebbage, pages 230 and 280, Vol. 54

Hardwicke's Science-Gossip (1883) Exchange offer from Henry Ebbage, Vol. 19, page 240

Hardwicke's Science-Gossip (1884) Exchange offer from Henry Ebbage, Vol. 20, page 216

Hardwicke's Science-Gossip (1885) Exchange offers from Henry Ebbage, Vol. 21, pages 72, 96, 120, 167, 168 and 216

Hardwicke's Science-Gossip (1886) Exchange offer from Henry Ebbage, Vol. 22, page 144

Hardwicke's Science-Gossip (1887) Exchange offers from Henry Ebbage, Vol. 23, pages 96, 144, 240 and 264

Hardwicke's Science-Gossip (1888) Exchange offer from Henry Ebbage, Vol. 24, page 263

Hardwicke's Science-Gossip (1889) Paid advertisement from Henry Ebbage, Vol. 25, page xx

Hardwicke's Science-Gossip (1889) Exchange offers from Henry Ebbage, Vol. 25, pages 24, 48, 72, 96 and 263

Hardwicke's Science-Gossip (1890) Exchange offers from Henry Ebbage, Vol. 26, page 23

Hardwicke's Science-Gossip (1891) Exchange offers from Henry Ebbage, Vol. 27, pages 24, 47, 72 and 144

International Journal of Microscopy and Natural Science (1892) A handy erector (discussion of Ebbage's "Extempore micro-erector"), Vol. 11, page 66

Journal of the Quekett Microscopical Club (1903) Election of Henry Ebbage, Jan 16, Series 2, Vol. 8

Journal of the Quekett Microscopical Club (1904) Members, Series 2, Vol. 9

Journal of the Quekett Microscopical Club (1906) Members, Series 2, Vol. 9

Journal of the Quekett Microscopical Club (1908) Members, Series 2, Vol. 10

Journal of the Royal Microscopical Society (1891) Reprint of "Recreative microscopy" by Henry Ebbage, page 823

Kelly's Directory of Chemists and Druggists (1885) Dartford, Kent: Cann, James, 8 Lowfield Street, page 61

Kelly's Directory of Chemists and Druggists (1885) Birmingham: Mclsaac, George & Co., 165 Hagley Road, page 180

Knowledge (1890) Advertisement from Henry Ebbage, advertising section of May 1, Vol. 13

Nature (1889) Advertisements from Henry Ebbage, advertising sections of July 4, Sept. 12 and Oct. 3, Vol. 40

Nature (1889) Advertisement from Henry Ebbage, advertising sections of Dec. 12, Feb. 20 and April 3, Vol. 41

Nature (1902) Advertisement from Henry Ebbage, advertising section of Nov. 6, Vol. 67

The Pharmaceutical Journal (1879) Report of Henry Edward Ebbage, Halesworth, passing his exam to be placed upon the Register of Apprentices or Students of The Pharmaceutical Society

The Pharmaceutical Journal (1887) Report of Henry Edward Ebbage, Halesworth, passing his exam to be Registered as a Chemist and Druggist of The Pharmaceutical Society

The Pharmaceutical Journal (1895) Exchange offers from Henry Ebbage, Vol. 55, page vi

The Pharmaceutical Journal (1903) Report of Henry Edward Ebbage, London, passing his exam to be a diploma of membership in the Spectacle Makers' Company

Science-Gossip (1900) Exchange offer from Henry Ebbage, New Series, Vol. 7, page 64

Science-Gossip (1901) Advertisement for film developing from Henry Ebbage, New Series, Vol. 7, May advertisements

Science-Gossip (1901) Advertisement for film developing from A. Howard, New Series, Vol. 7, June advertisements

Spence, D.S. (1957) From my notebook, *The Microscope*, Vol. 11, pages 233-236