



Smithsonian

*National Museum of American History Kenneth E. Behring Center*

## Guide to the Lifwynn Foundation Eye-Movement Camera Records

NMAH.AC.0020

Robert S. Harding

1983

Archives Center, National Museum of American History  
P.O. Box 37012  
Suite 1100, MRC 601  
Washington, D.C. 20013-7012  
Business Number: Phone: 202-633-3270  
Fax Number: Fax: 202-786-2453  
archivescenter@si.edu  
<https://americanhistory.si.edu/archives>

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## Collection Overview

<b>Repository:</b>	Archives Center, National Museum of American History
<b>Title:</b>	Lifwynn Foundation Eye-Movement Camera Records
<b>Date:</b>	1938 - 1954
<b>Identifier:</b>	NMAH.AC.0020
<b>Creator:</b>	Lifwynn Foundation (Creator)
<b>Extent:</b>	0.5 Cubic feet (4 boxes)
<b>Language:</b>	English .

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## Administrative Information

### Acquisition Information

Immediate source of acquisition unknown.

### Provenance

Collection transferred to the Archives Center from the Division of Medical Sciences (now the Division of medicine and Science) on April 29, 1983

### Processing Information

Collection processed by Robert S. Harding, archivist, 1983.

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### Preferred Citation

Lifwynn Foundation Eye-Movement Camera Records, 1938-1954, Archives Center, National Museum of American History.

### Restrictions

The collection is open for research.

### Conditions Governing Use

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## Biographical / Historical

These records of the Lifwynn Foundation document the development of the Lifwynn Eye-Movement Camera. The camera was devised and built by Dr. Henry Roger in his laboratory at Sand Hook, Connecticut. Charles Robinson assisted in the development and construction of the electrical features.

The registration and analysis of eye movements was undertaken as part of the study of the physiological alterations related to neurotic disorders. The investigation by L. Trigant Burrow, Scientific Director of the Lifwynn Foundation, and his associates, was undertaken especially in regard to disturbances in attention. Dr. Burrows' investigations were directed towards differentiating between a type of attention or adaption that is fundamentally healthy and direct and another type that is neurotic and under the influence of disturbing emotions.

Two earlier cameras - the two-film camera of Dr. Guy T. Buswell at Chicago University and the ophthalmograph of L.E. Luce and H.A. Thompson proved inadequate for this research project. Therefore, it was necessary to construct a camera especially designed to photograph eye movements exactly and continuously. The Lifwynn Foundation Eye-Movement Camera was constructed and made it possible to record both the horizontal and vertical components of the eye movements on one rolling film.

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## Scope and Contents

Included are file memoranda on meetings and correspondence, sent and received, 1938-1954, between the Lifwynn Foundation for Laboratory Research in Analytic and Social Psychiatry Incorporated, and in particular, Hans Syz, M.D., Secretary, and various doctors, psychologists, other professionals in the subject field, and various U.S. Military Departments, regarding either the eye movement camera or research projects using it; experiments and results with eye movement cameras; reprints of the American Journal of Psychology; and reprints in TIDE's series of monthly reports on tests made by Look's research staff with Look's eye cameras (eye camera tests of magazine advertising): "Left Side Preference Results"; "Flash Preference Tests and Results"; and "Headline Placement".

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## Arrangement

The collection is arranged alphabetically.

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## Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Cameras -- 1930-1960
- Eye -- Movements -- Photographic measurements -- 1930-1960
- Neuroses -- 1930-1960
- Photography, Medical -- 1930-1960
- Photography, Ophthalmic -- 1930-1960
- Psychologists -- 1930-1960
- Psychology -- 1930-1960
- advertising -- 1930-1960

Names:

Burrow, L. Trigant  
Buswell, Guy  
Luce, L. E.  
Robinson, Charles (electrical engineer)  
Roger, Henry  
Thompson, H. A.

Places:

Sand Hook (Conn.)

Preferred Titles:

*Look (magazine)*

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## Container Listing

Box 1, Folder 1	Additional Considerations
Box 1, Folder 2	American Optical Co.
Box 1, Folder 3	Conrad Berens
Box 1, Folder 4	Herman F. Brandt
Box 1, Folder 5	G.T. Buswell
Box 1, Folder 6	Miscellaneous, A-B
Box 1, Folder 7	Miscellaneous, C-D
Box 1, Folder 8	Harold E. Edgerton
Box 1, Folder 9	Eye Movement Paper, Science
Box 2, Folder 1	Miscellaneous, E-F
Box 2, Folder 2	LeGrand H. Hardy
Box 2, Folder 3	W.R. Hess
Box 2, Folder 4	Russell C. Holslag
Box 2, Folder 5	Dagobert Horn
Box 2, Folder 6	Miscellaneous, G-H
Box 2, Folder 7	Fred Kerwer
Box 2, Folder 8	Miscellaneous, I-K
Box 2, Folder 9	Leonard E. Luce
Box 2, Folder 10	Adolfo Marfaing
Box 2, Folder 11	Miscellaneous L-M
Box 2, Folder 12	Ophthalmograph (Eastman Kodak)
Box 2, Folder 13	Miscellaneous, N-O

Box 2, Folder 14	H.F. Pierce
Box 2, Folder 15	Research Reports
Box 2, Folder 16	Excerpts
Box 3, Folder 1	Robert T. Rock
Box 3, Folder 2	Henry Roger
Box 3, Folder 3	Miscellaneous, P-R
Box 3, Folder 4	Carl Schleischer
Box 3, Folder 5	Herbert A. Thompson
Box 3, Folder 6	Walter Turnbull
Box 3, Folder 7	Miscellaneous, S-T
Box 3, Folder 8	U.S. Military Priorities
Box 3, Folder 9	Morris S. Viteles
Box 3, Folder 10	Miscellaneous, U-V
Box 3, Folder 11	Yale University
Box 3, Folder 12	Miscellaneous, W-Z