

AHST 4342-001
History of Media and New Media Art
Fall 2014
Dr. Charissa N. Terranova
University of Texas at Dallas
Arts & Humanities
Monday-Wednesday 2:30-3:45
Class Location: AH2 1.204

October 8, 2014

Telephone: From Edison to the Cell Phone, Art and the Tele-Connection

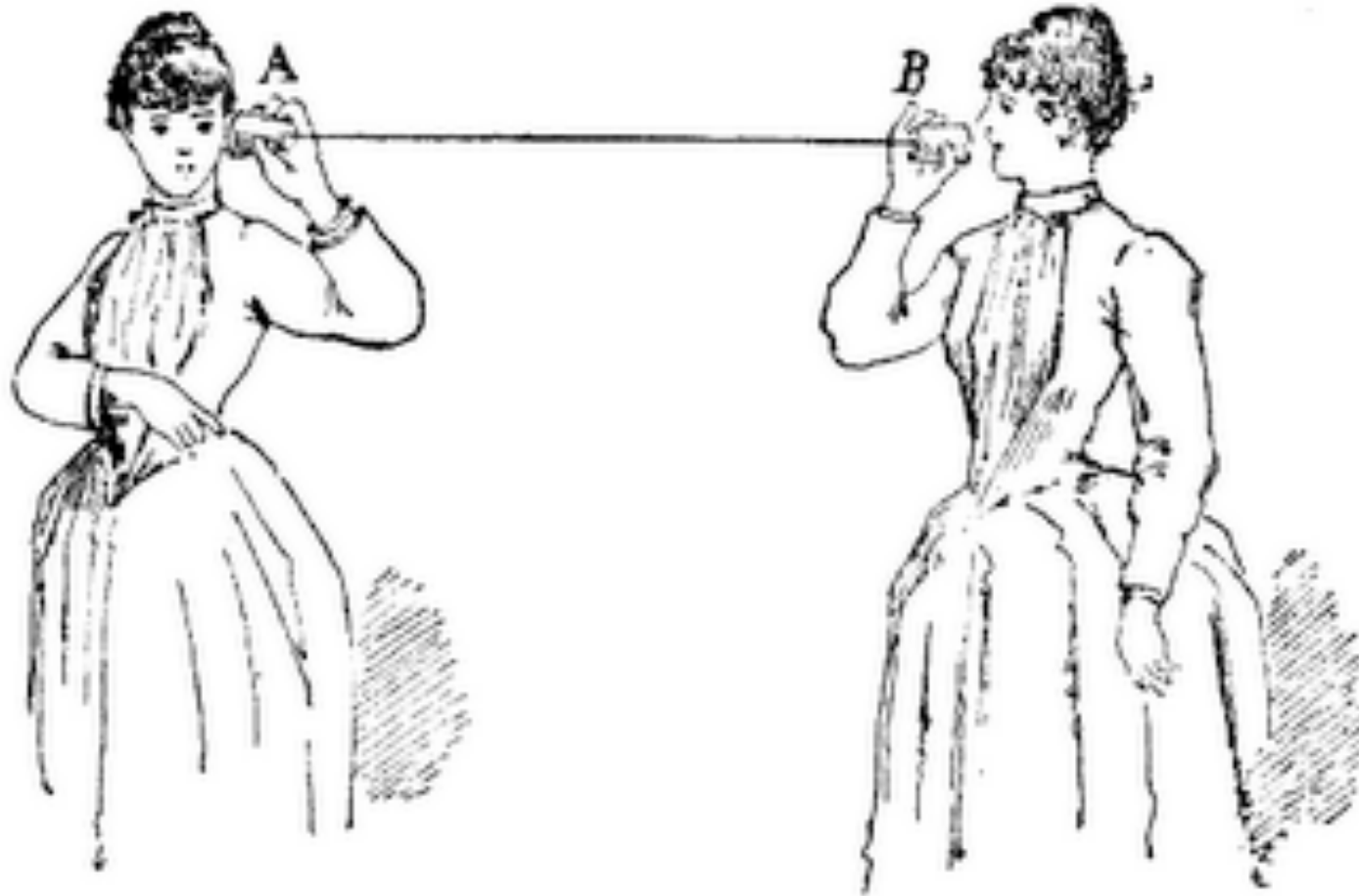
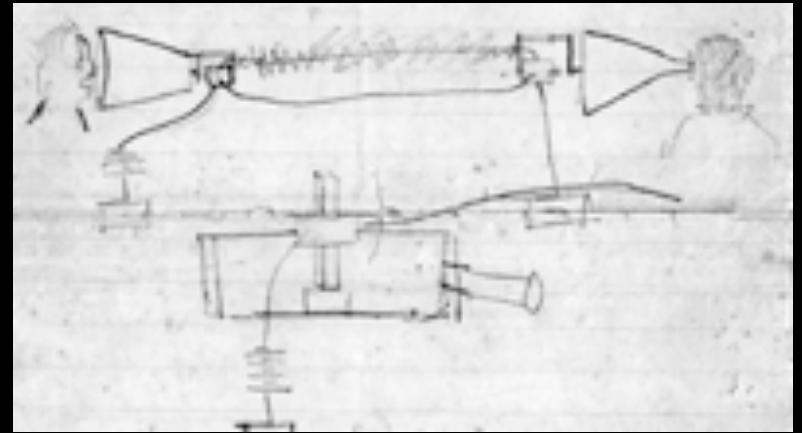


FIG. 76. Trådtelefon.

Tin-Can Phone, Lover's Telephone invented in 1665 by Robert Hooke



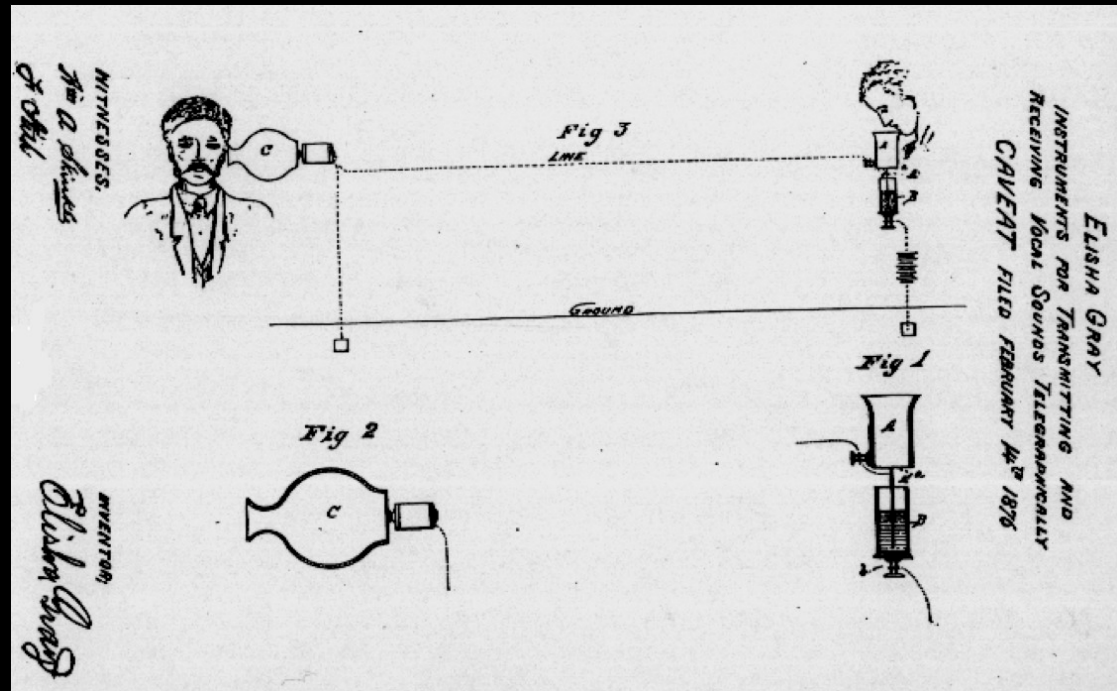
Alexander
Graham Bell
[1847-1922] with
family

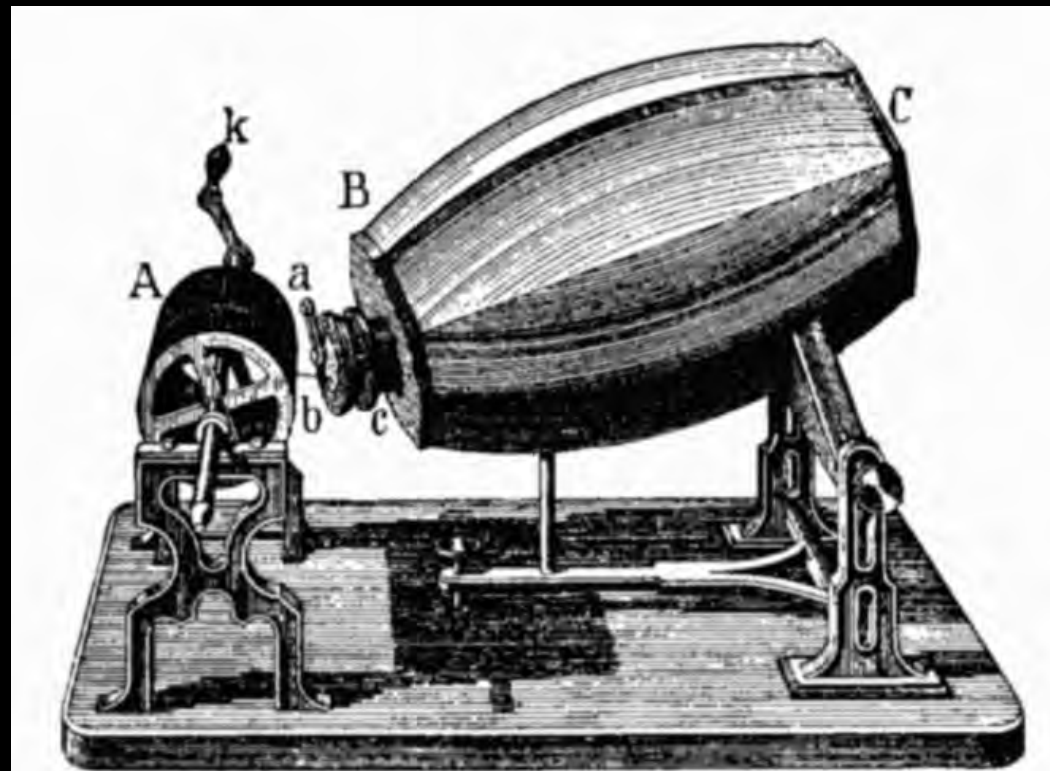


Bell, Design sketch for the
telephone, 1874

Elisha Gray [1835-1901]

Patent drawing by Gray, 1874



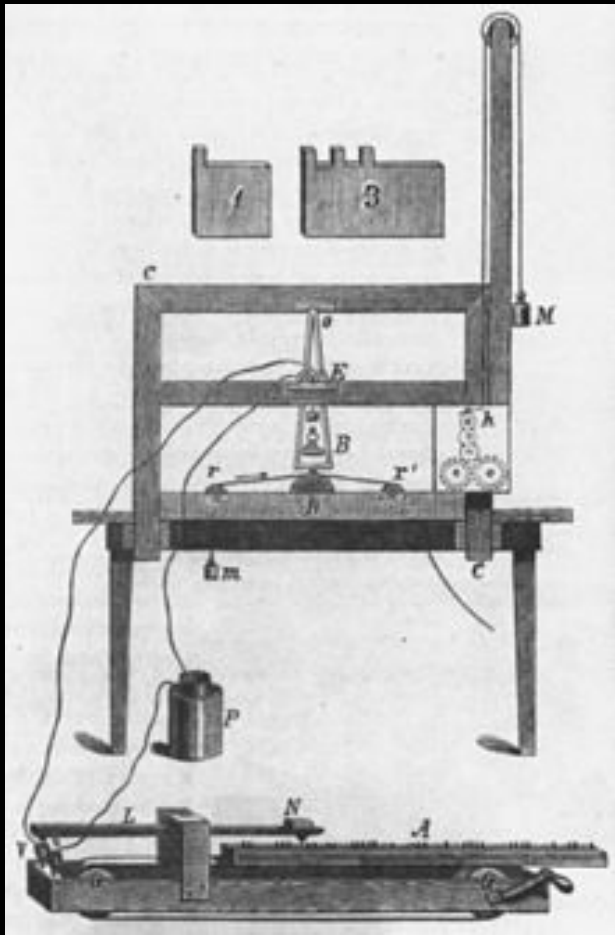


Phonautograph.

BC, barrel with opening at *C*; *c*, brass tube with membrane and style at *b*, and movable piece *a*, by which the position of the nodal points can be regulated; *k*, handle to turn cylinder (*A*) covered with lampblacked paper.

Above: Phonautograph, patented in 1857 by Édouard-Léon Scott de Martinville, first device to record sound

Left: Recording of sound, a phonautogram, 1859



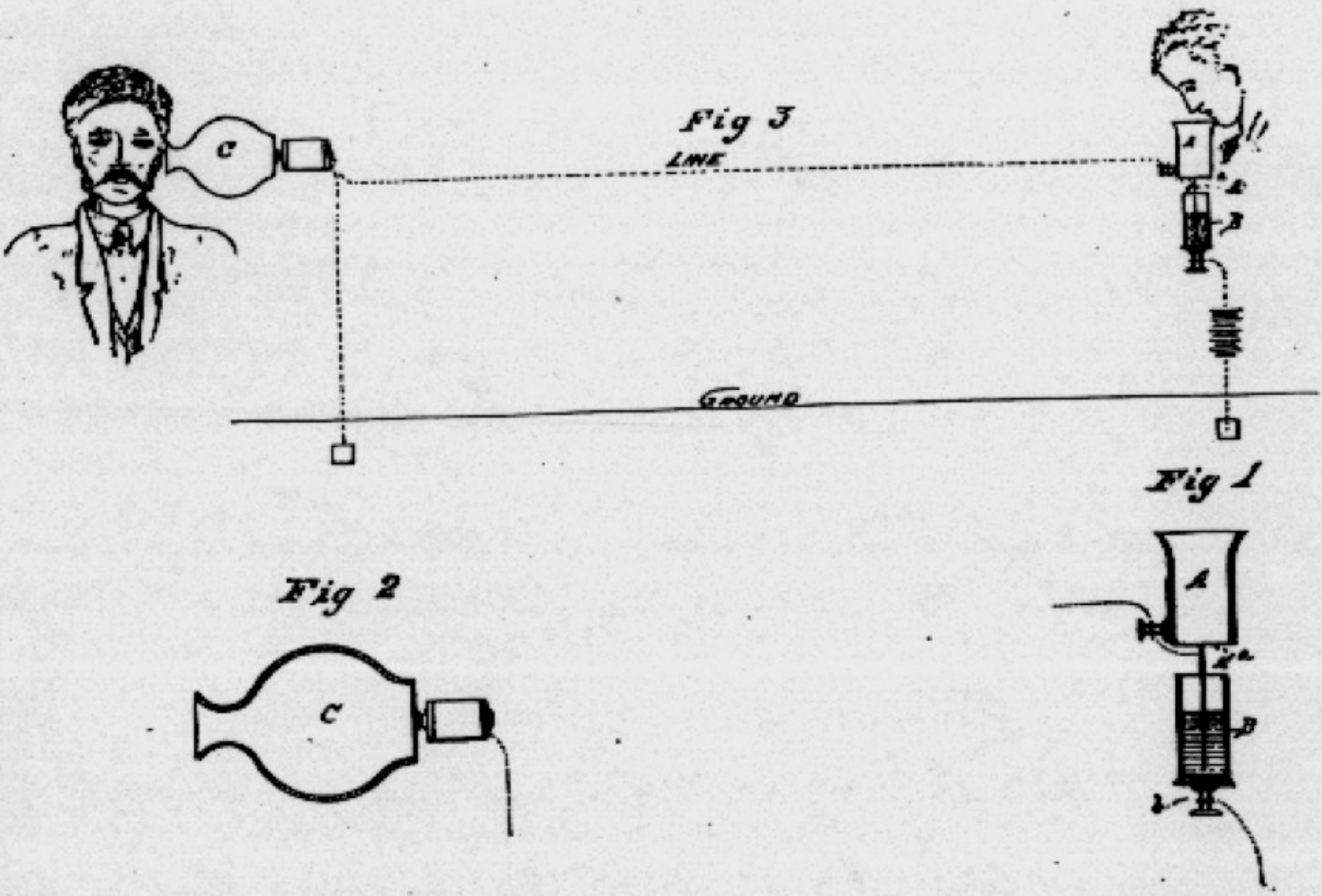
Samuel Morse, single-wire telegraph,
1832

Telegraph patented by Cooke and
Wheatstone 1837



Samuel Morse, Gallery of the Louvre. 1831-33

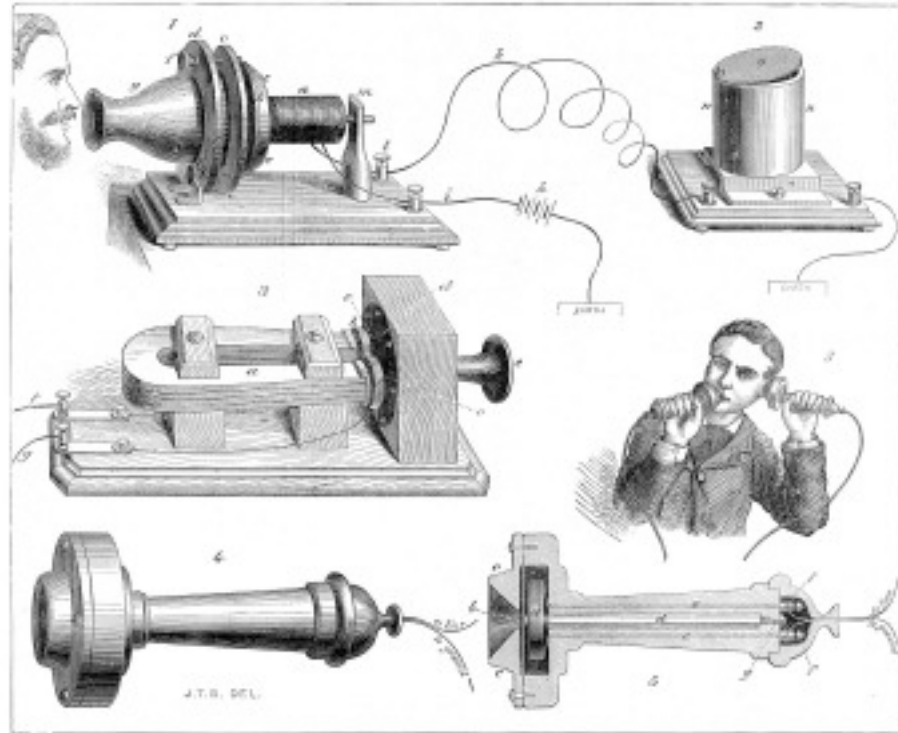
ELISHA GRAY
INSTRUMENTS FOR TRANSMITTING AND
RECEIVING VOCAL SOUNDS TELEGRAPHICALLY
CAVEAT FILED FEBRUARY 14th 1876



WITNESSES,
Two A. Skinner
of Ohio

INVENTOR,
Elisha Gray

Elisha Gray's diagram—The diagram from page 3 of Elisha Gray's caveat, a confidential document filed at the U.S. Patent Office on February 14, 1876, nearly three weeks before a nearly identical drawing appeared in Bell's notebook.



Thursday Ev'g, Oct. 18, '77

AT THE TABERNACLE!

Corner York and Henderson Sts., at 8 o'clock.

Admission Fifty Cts; Reserved Seats, Seventy-five Cts.

GRAND EXHIBITION

EDISON TELEPHONES!

MUSICAL & SPEAKING.

Vocal and Instrumental Music brought From Philadelphia to Jersey City by Electricity!

Also, Musical and Literary Exercises, by Artists of the Tabernacle.

Madison of Western Union Telegraph Building, Philadelphia: Miss K. B. TAYLOR, of Rev. Mr. Swan's Church Choir. Mr. WM. A. BRISCOE, Tenor, St. Stephen's Church Choir. Mr. WILLIAM NORTHCOFF, Cornet Soloist.

AT THE TABERNACLE.

Miss COLE, of New York, Soprano, recently singing with success at several Concerts at Fenwick, and also at Gilman's Garden. Miss LEARNED, Pianist, of Boston. Mr. JAY EATON, Classical, Humorous and Dramatic Reader.

Articulate Speech and Song, with the words enunciated, will be given by Speaking Telephones. Explanation of the principles upon which the Edison and other Telephones are based, given by Mr. E. H. JOHNSON, the electrician in charge.

New York Herald, October 24th.

Mr. E. H. JOHNSON reported his telephone concert last night, between Gilman's garden and Philadelphia. The audience was quite satisfactory. The instruments were in excellent order, and the music master of course very efficient.

Washington, Editorial, Cor. of the 'Troy' System, AM. M. 1877.

Three very successful and interesting concerts were given by the wonderful Edison Telephone, bringing vocal and instrumental music from New York, about 50 miles, in a manner suggestive of a magic act, and well calculated to fill the large halls of the Grand Union and Grand Opera House.

American Republican, Washington, Pa., October 22, 1877.

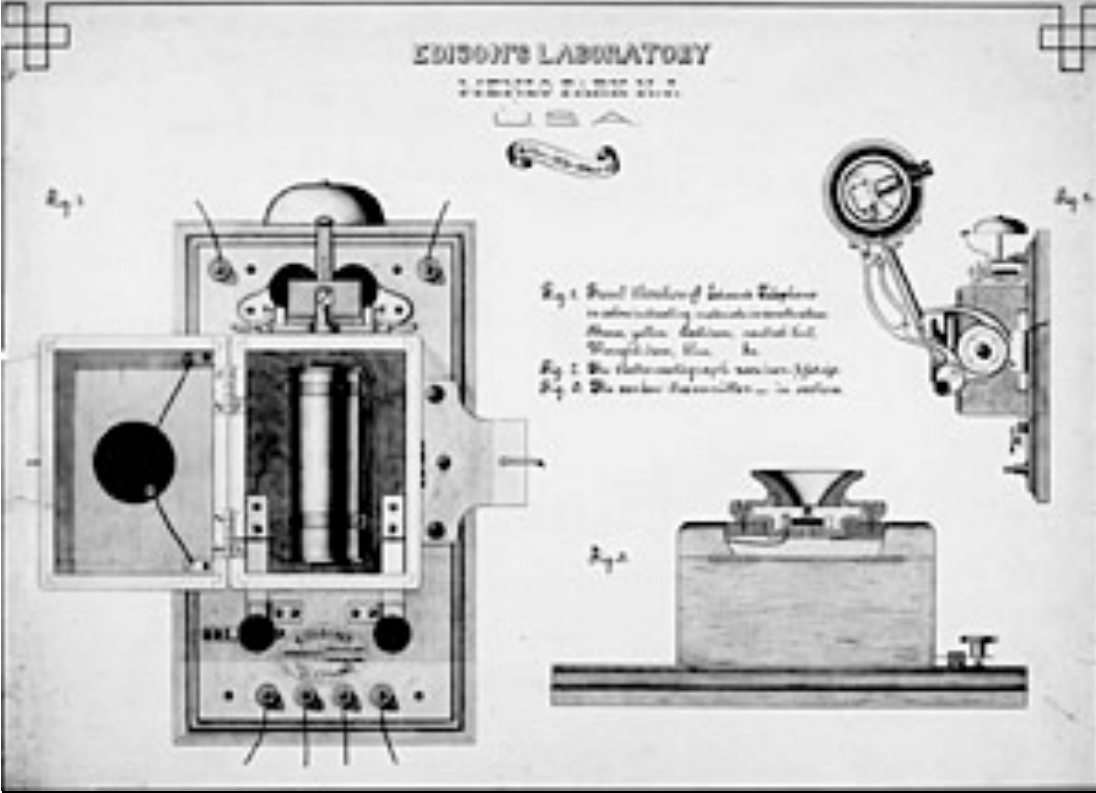
A successful exhibition of Edison's Speaking Telephone was given at International Hall, on Saturday night last. Vocal and instrumental music was distributed over the wire with a distinctness and clearness which amazed the audience.

Chicago Evening News, Sept. 28, 1877.

A fine audience assembled in Jolly Town Hall last evening to hear a Telephone Concert, the performers of which were at the Western Union Telegraph Building, Philadelphia. The concert throughout was a great success, and completely surpassed anything ever attempted in such a distance. Every person was highly delighted.

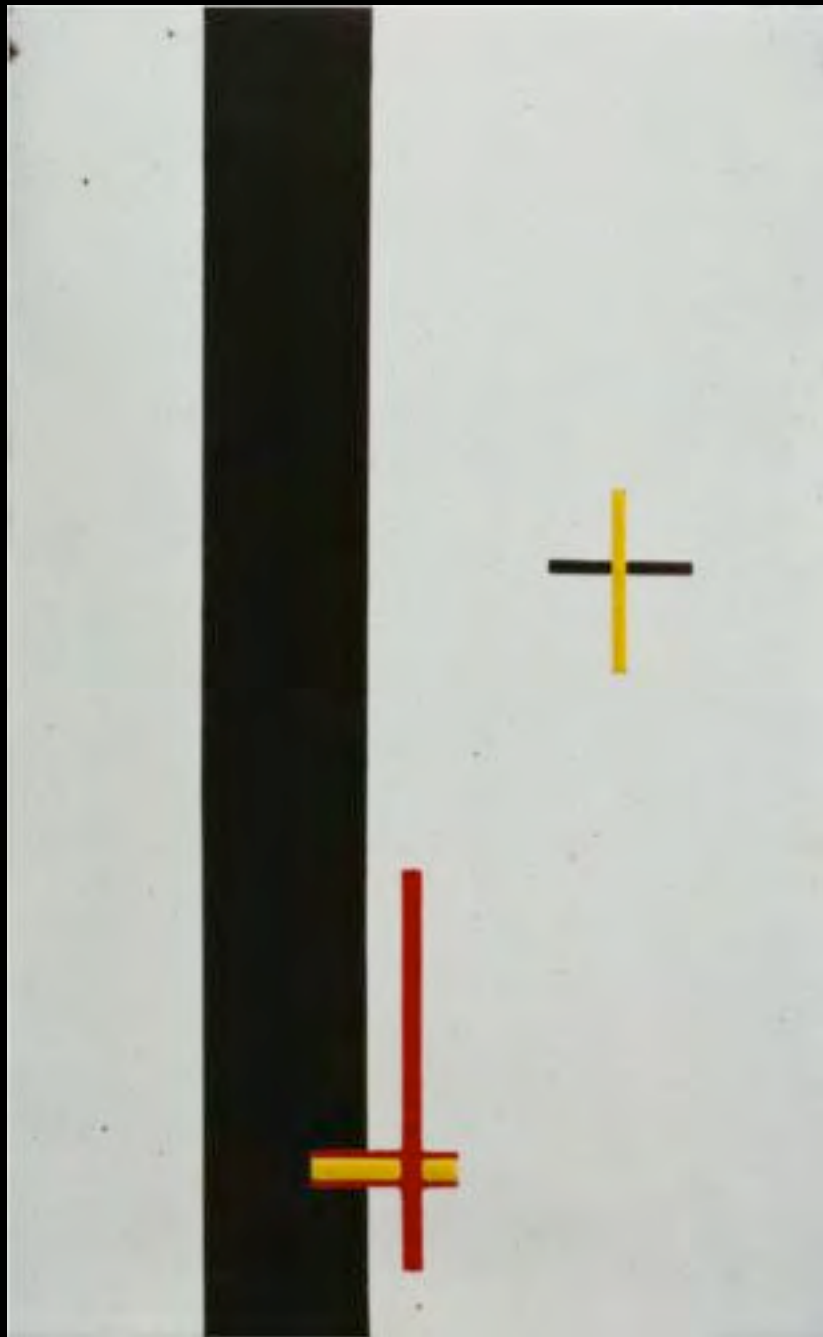
The Albany Daily Times.

A curious wonder is an experiment - The middle hall presented an unusual scene last evening. A well filled house was assembled to listen to a concert, the music of which was transmitted over a single wire in a distance of over 50 miles. The music is well starting, and the best vocal melody is believed if some of the wonders of electricity were not already known. The tones and words passed and sang at the Western Union Telegraph Building in New York, were distinctly heard and easily recognized, the notes all being becomingly sweetly delivered as if they came from vocal and instrumental on the stage. During the singing of new pieces, the full of the wire was brought into play, and the audience was amazed. The instrument used was Edison's Speaking Telephone, constructed especially for the transmission of musical sounds. Mr. Johnson, electrician, from New York, explained the wire system and working of it, giving useful and interesting information. One more Telephone Concert will be given Saturday, at 8 P. M.

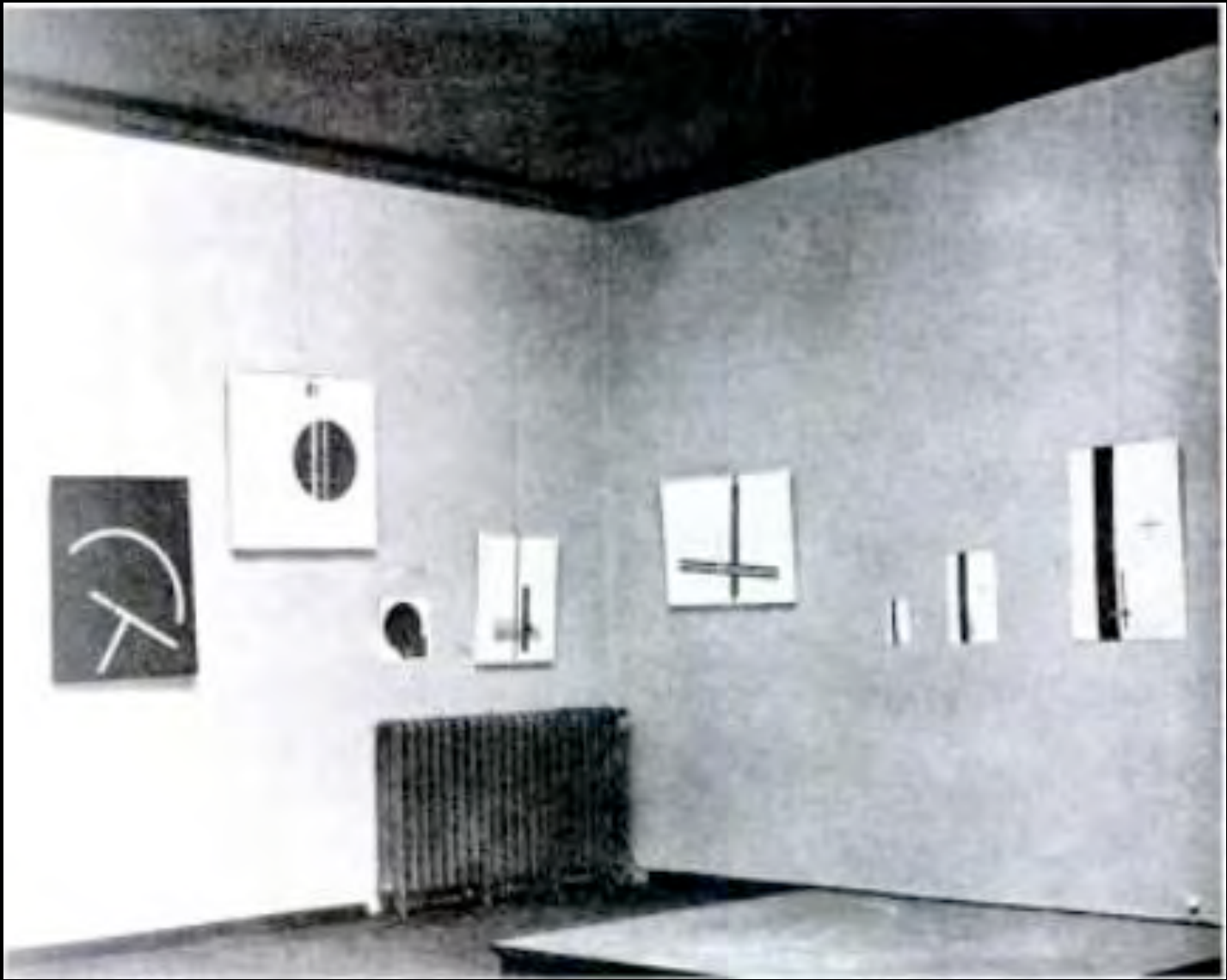


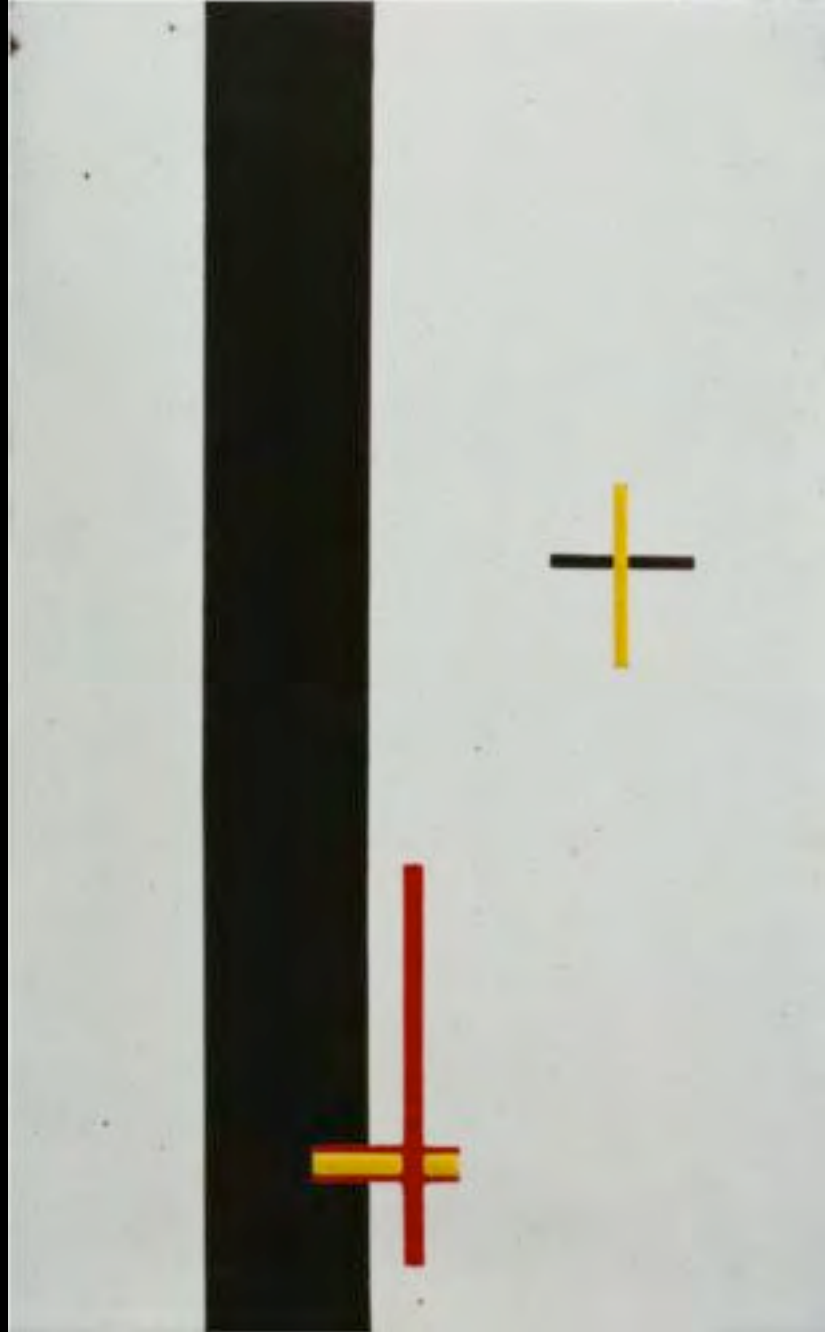
October 1876: Thomas Edison tests his first carbon microphone

Laszlo Moholy-Nagy's
"Telephone Paintings"
1922

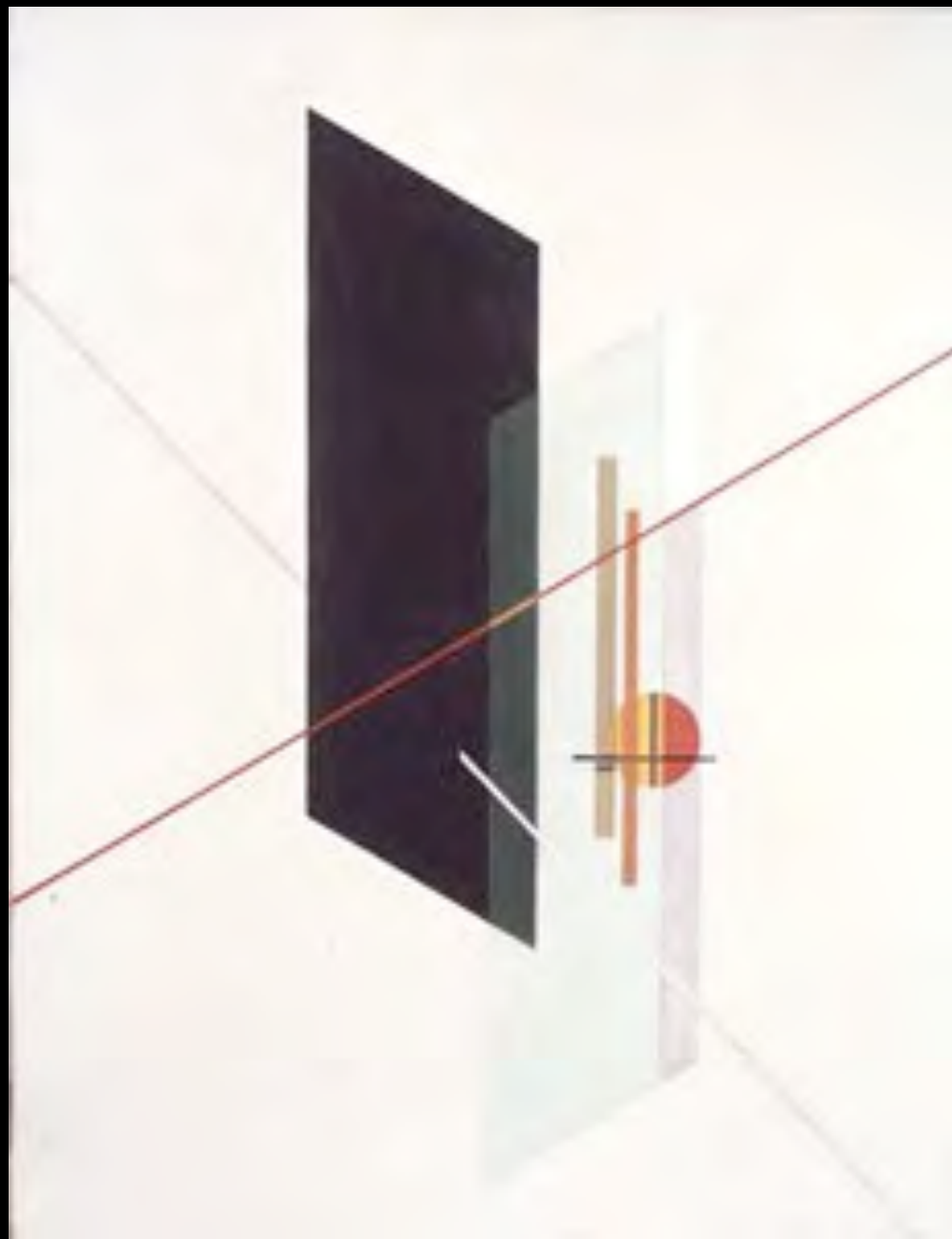


Moholy-Nagy, EM 3, 1922





Moholy-Nagy, EM 3, 1922 enamel



Moholy-Nagy, A IX, 1923 oil on graphite



Art by Telephone, Chicago, Museum of Contemporary Art, 1969

On the LP the Museum's director, Jan van der Marck, interviews, by long-distance telephone, artists Siah Armajani, Richard Artschwager, John Baldessari, Iain Baxter, Mel Bochner, George Brecht, Jack Burnham, James Lee Byars, Robert H. Cumming, Françoise Dallegret, Jan Dibbets, John Giorno, Robert Grosvenor, Hans Haacke, Richard Hamilton, Dick Higgins, David Hockney, Robert Huot, Alani Jacquet, Ed Kienholz, Joseph Kosuth, Les Levine, Sol LeWitt, Robert Morris, Bruce Nauman, Claes Oldenburg, Dennis Oppenheim, Richard Serra, Robert Smithson, Gunter Rambow, Stan Van Der Beek, Bernard Venet, Frank Lincoln Viner, Wolf Vostell, William Wegman, and William T. Wiley, each discussing with van der Marck how to execute an artwork for inclusion in the show to be fabricated by in Chicago strictly by the artist's verbal instructions.

Art by Telephone

http://www.ubu.com/sound/art_by_telephone.html



Christian Marclay, Telephones, 1995

<https://www.youtube.com/watch?v=yH5HTPjPvyE>



Motorola Mobile Phone 1983

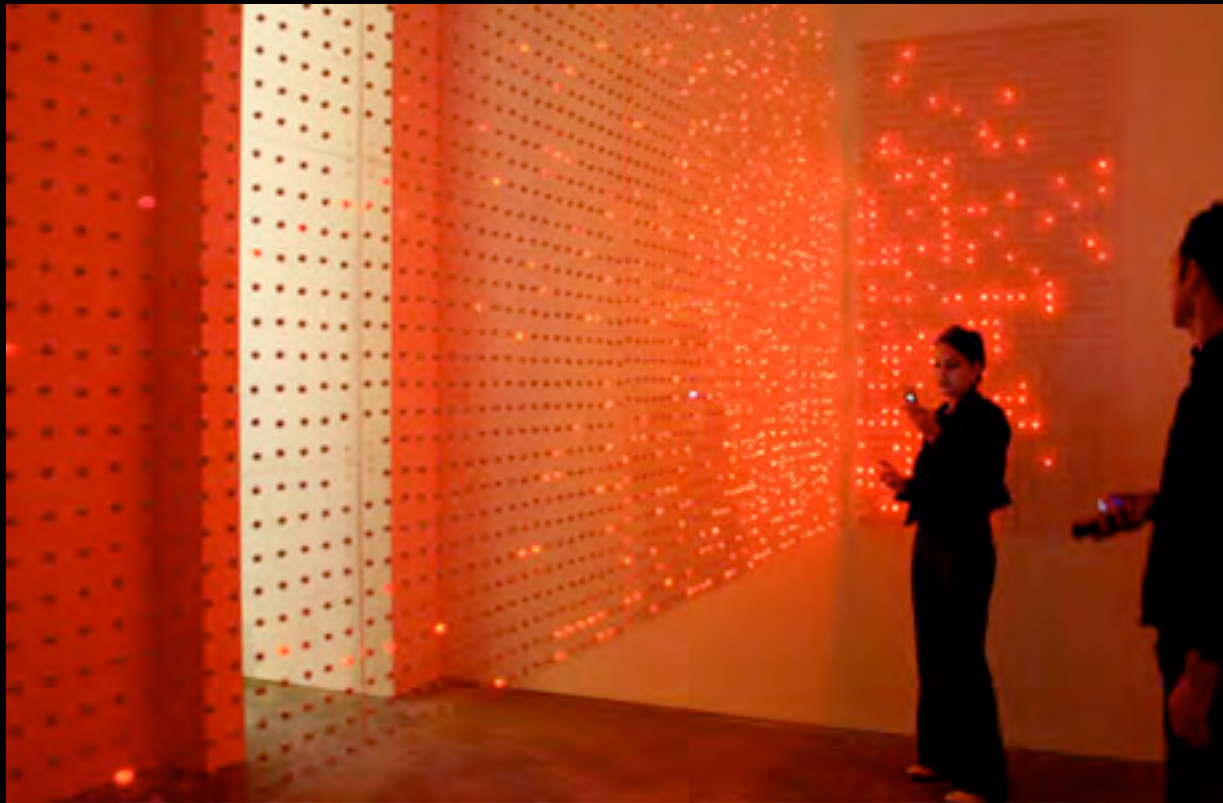


cambridge
car telephone

*Add Profit
to Driving!*



Cell Phone: Art and the Mobile Phone
Contemporary Museum, Baltimore, MD
2007



Information Lab, Cell Phone Disco, 2008



Beatrice Valentine Amrhein,
Videos Lustre, 2006

Real Time:08, Center for
Contemporary Art, Dallas, 2008

