

APPENDIX I

EXPERIMENTS - Uri Geller at SRI, August 4-11, 1973

OBEJCTIVE

The objective of this group of experimental sessions was to verify Geller's apparent paranormal perception under carefully controlled conditions with the goal of understanding the physical and psychological variables underlying such ability.

EXPERIMENTAL PROGRAM

In each of the eight days of this experimental period picture-drawing experiments were carried out. In these experiments Geller was separated from the target material either by an electrically isolated shielded room or by the isolation provided by having the targets drawn on the East Coast. As a result of Geller's success in this experimental period, we consider that he has demonstrated his paranormal perceptual ability in a convincing and unambiguous manner.

Saturday, August 4. Two drawing experiments were conducted this day. In both of these, Geller was closeted in an opaque, acoustically and electrically shielded room. This room is the double-walled shielded room used for EEG research in the Life Sciences Division of SRI. It is locked by means of an inner and outer, each of which is secured with a refrigerator-type locking mechanism, as shown Figure 1.1.

The two drawings used in this experiment were selected by randomly opening a large college dictionary and selecting the first word which could reasonably be drawn. The first word obtained in this manner was "fuse" and the object drawn was a firecracker (Fig. 1.2.). All target selection and picture drawing was done with Geller already in the shielded room. Geller was notified via intercom when the target picture was drawn and taped to the wall outside his enclosure.

His almost immediate response was that he saw "a cylinder with noise coming out of it". (He was continuously monitored by a one-way audio circuit.) His drawing representing his response to the target was a drum, along with a number of other cylindrical-looking objects. (Figs. 1.3. and 1.4.)



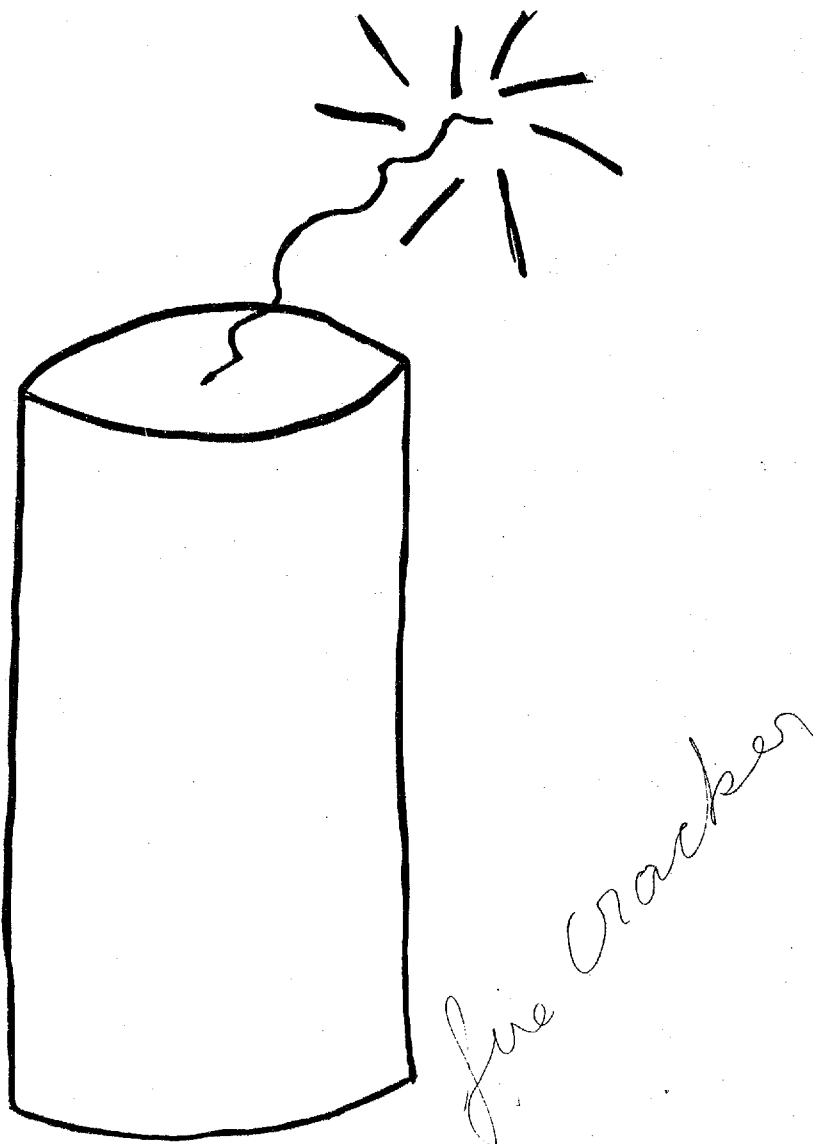
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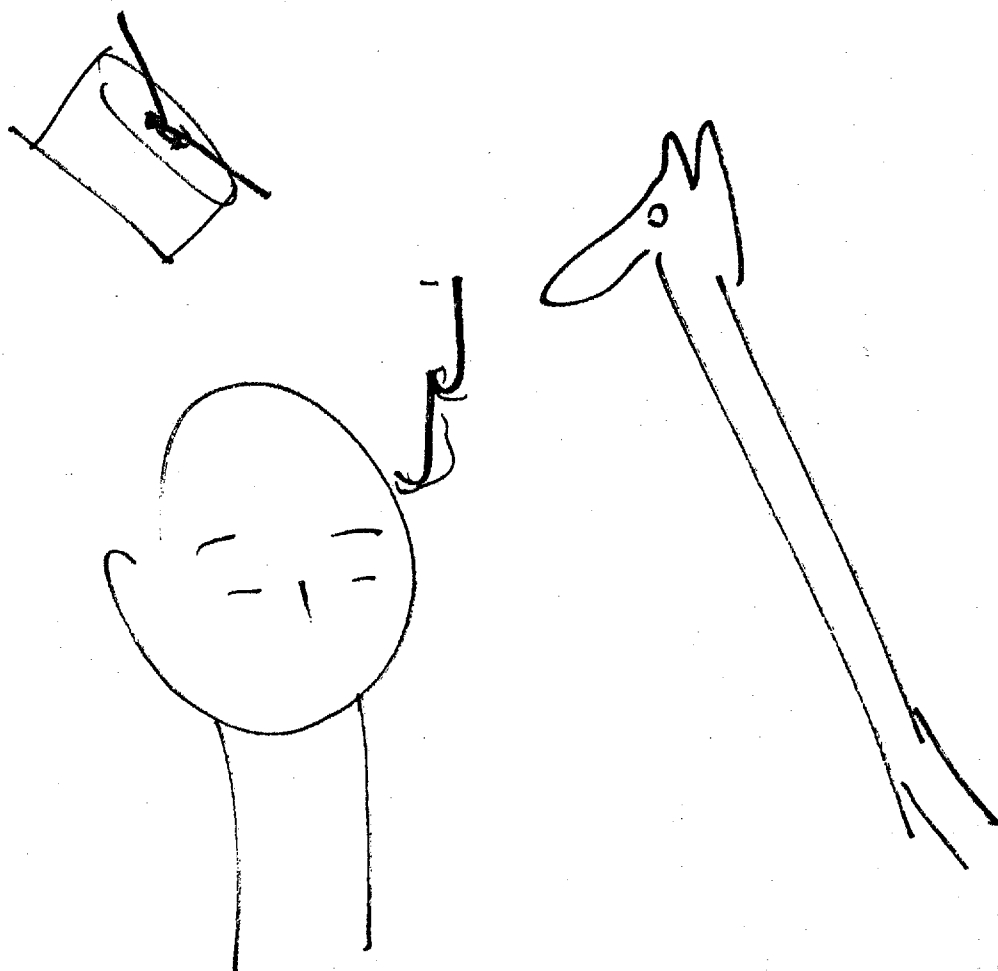
The second word selected was "bunch", and the target was a bunch of grapes. Geller's immediate response was that he saw "drops of water coming out of the picture." He then talked about "purple circles". Finally, he said that he was quite sure that he had the picture. His drawing was indeed a bunch of grapes. Both the target picture and Geller's rendition had 24 grapes in the bunch, as shown in Figs. 1.5. and 1.6.

In this work the target picture is never discussed by the experimenters after the picture is drawn or brought near the shielded room. The intercom operates only from the inside of the room to the outside, except when the push-to-talk switch is depressed on the outside of the room. In our detailed examination of the shielded room and the protocol used in these experiments no sensory leakage has been found, nor has any defect in the protocol been brought to our attention.

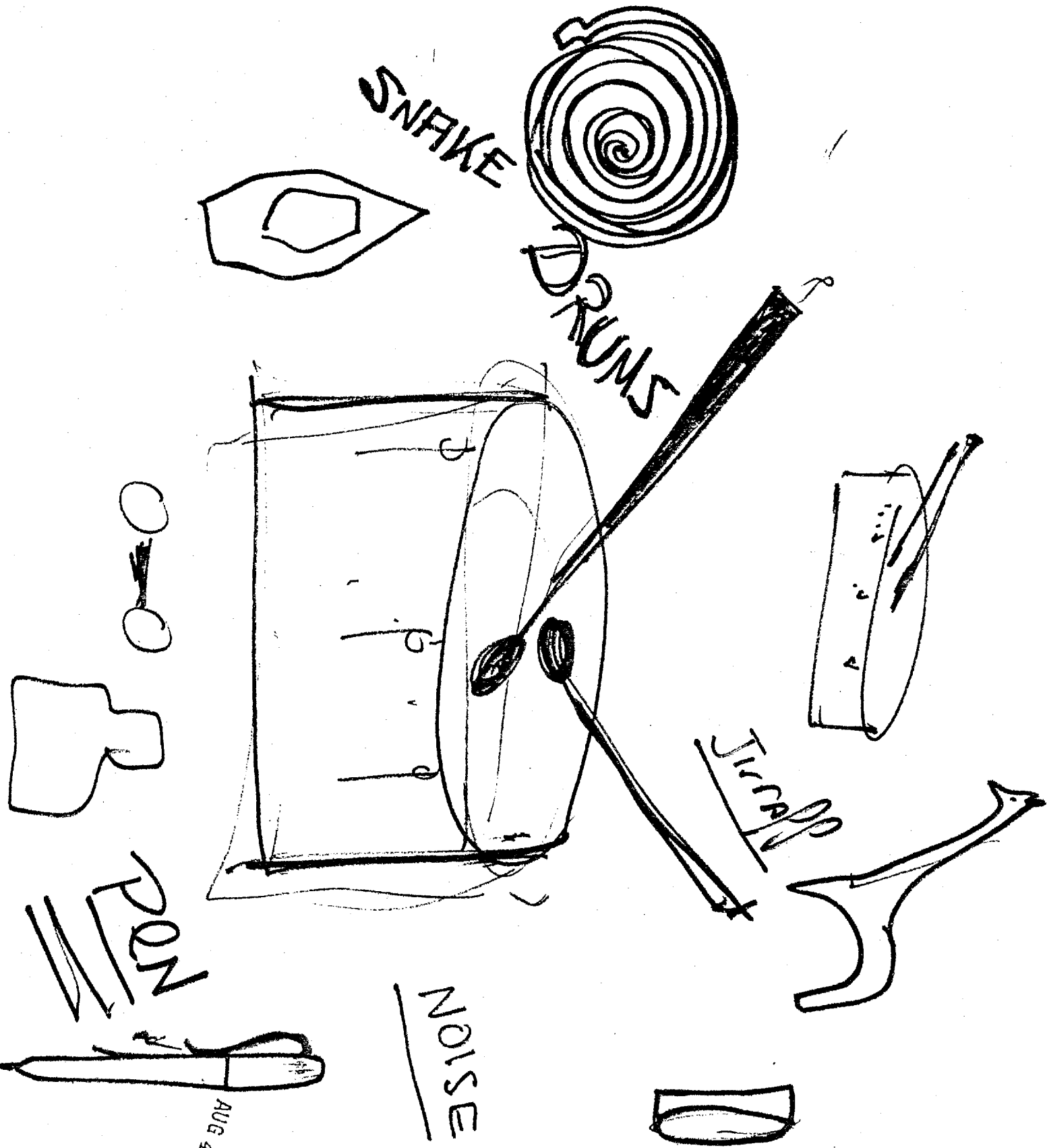
Sunday, August 5. Geller is locked in the shielded room with one experimenter outside as a monitor while the target is drawn in the other experimenter's office about a half mile away. The target selected from the dictionary was an outline drawing of a man, which evolved through the drawing process into a devil with a trident (Fig. 1. 7.). To start the experiment, Puthoff, who was with Geller, called Targ, who was with the drawing. Geller spent almost a half-hour working on the drawing before "passing", as he felt unable to get the drawing. We include his efforts nonetheless for the insight into the process that they provide.

His drawings (Figs. 1.8-1.10) were as follows: 1) "Moses' Tablets" i.e., Ten Commandments; 2) apple with a worm coming out of it, a snake was in the same picture, and the Tablets symbolism of the first drawing; 3) composite picture with the Ten Commandments on top of the world and the trident on the outside, along with a neatly drawn leaf. One is led to speculate that the Biblical representation in these three drawings is perhaps associational material triggered by the target. The inability on Geller's part to draw the devil may be culturally induced.

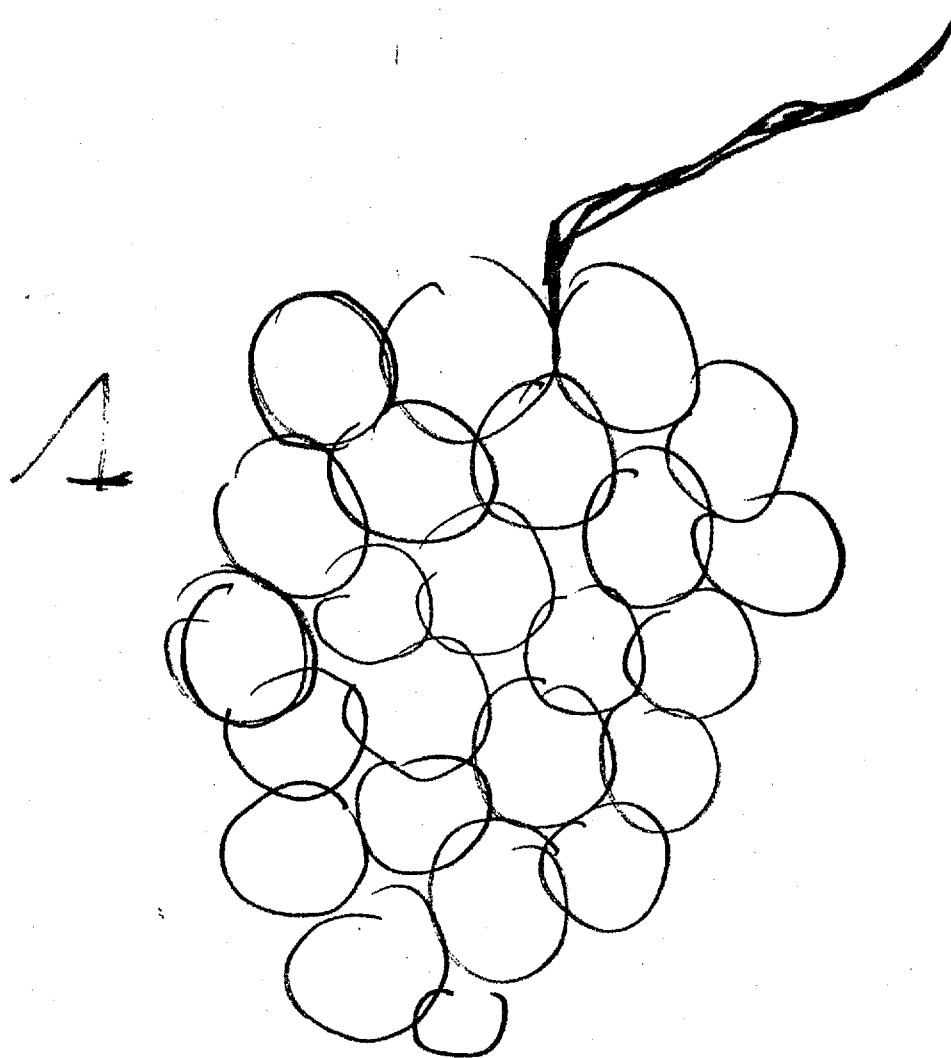




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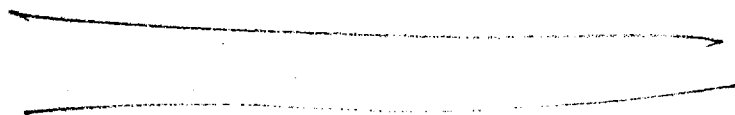


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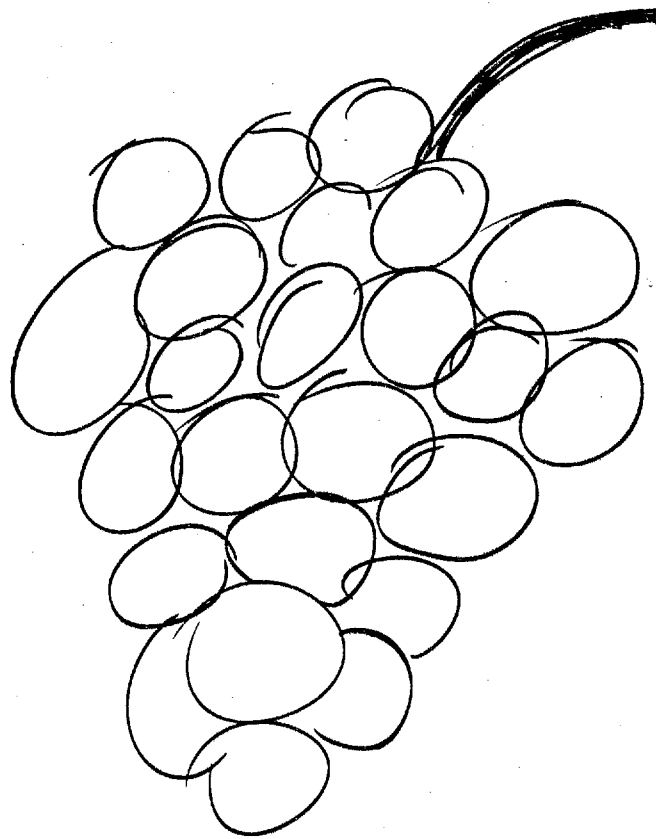


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With regard to the target picture, Geller did draw the trident from the target picture, but he did not draw the man who was holding it. From this it seems clear that Geller does not simply copy lines from the target picture, but rather he apparently performs some mental processing before drawing them.

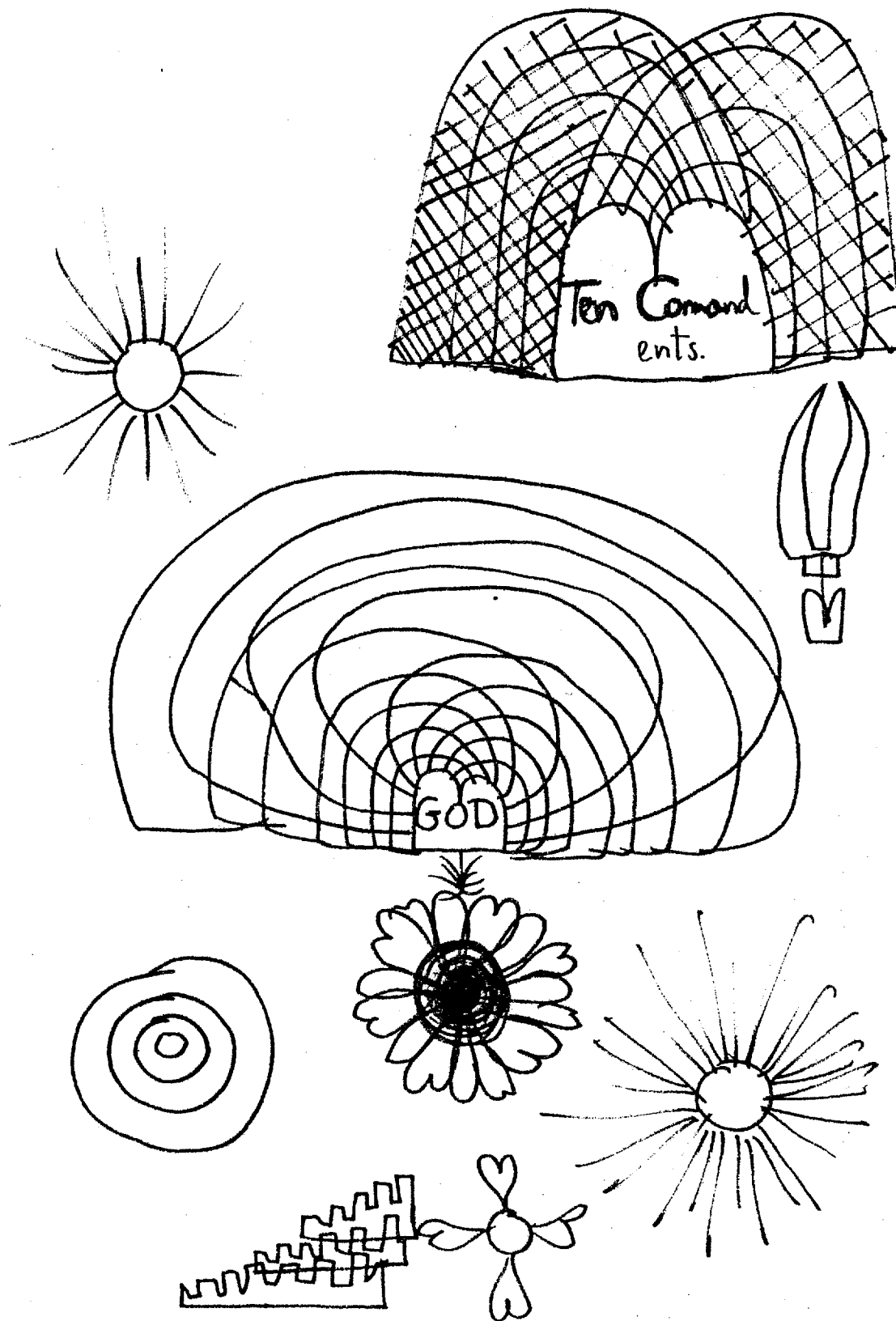
The second target picture was drawn by an experimenter while he was inside the shielded room with Geller outside the room with another experimenter. In this case the target (Fig.1. 11) was a representation of the solar system. His immediate verbal reaction before drawing was one of "space". Geller's drawn response to the target while outside the room (Fig.1. 12) coincides well with the target drawing. The block in the center of Geller's picture, according to his statement, was his afterthought suggested by the movie 2001 and was drawn as an addition just before comparing target with response.

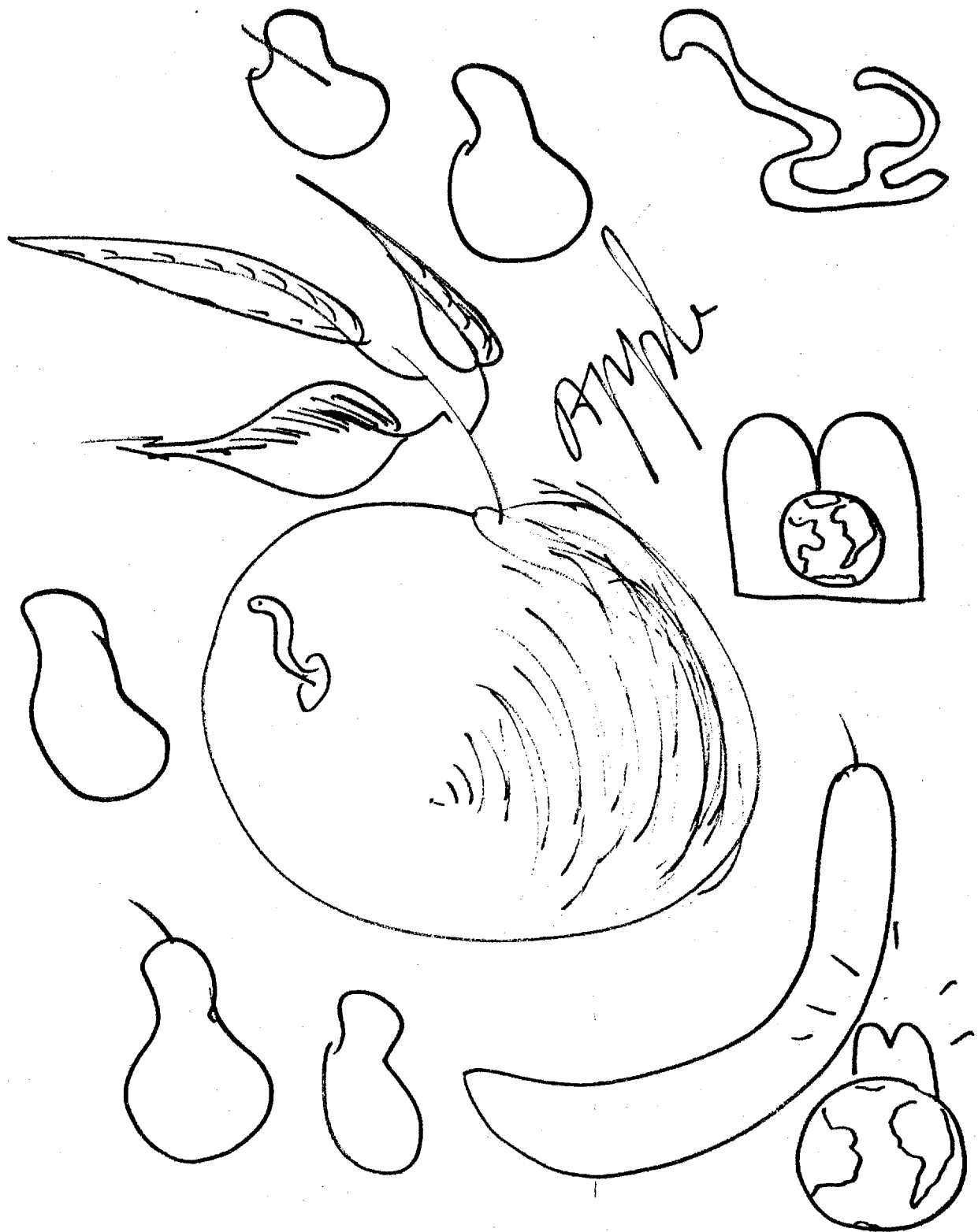
Monday, August 6. The experiment to be done this day was a pure clairvoyance task. A picture was drawn by a scientist outside of the usual experimental group. The picture was locked in the shielded room before Geller's arrival at SRI. Geller was then led by the experimenters to the shielded room, and asked to draw the picture inside the room. He drew a number of pictures, all of which he rejected as not being applicable. He said that he got no clear impression and passed. The target was a rabbit, and nothing Geller drew in any way resembled a rabbit. It should be added that the picture was drawn by a scientist of whom Geller is not fond, and Geller asked at the outset if this was the case. The experimenters said that this was not the case, since they did not know who had drawn the picture. Geller felt vindicated to some extent when he found out that his initial guess as to the artist had been correct.

Tuesday, August 7. This day two target pictures were attempted with Geller in the shielded room. He was connected to an EEG apparatus to allow measurement of his brain waves at the time that he was attempting to perceive a hidden picture. The two target pictures were a tree and an envelope. He experienced difficulty, did not make a drawing that corresponded to either drawing, and passed. Also, he found it very difficult to hold adequately still to make good EEG records. The same skeptical experimenter who drew the rabbit was the EEG operator on this second unsuccessful day.

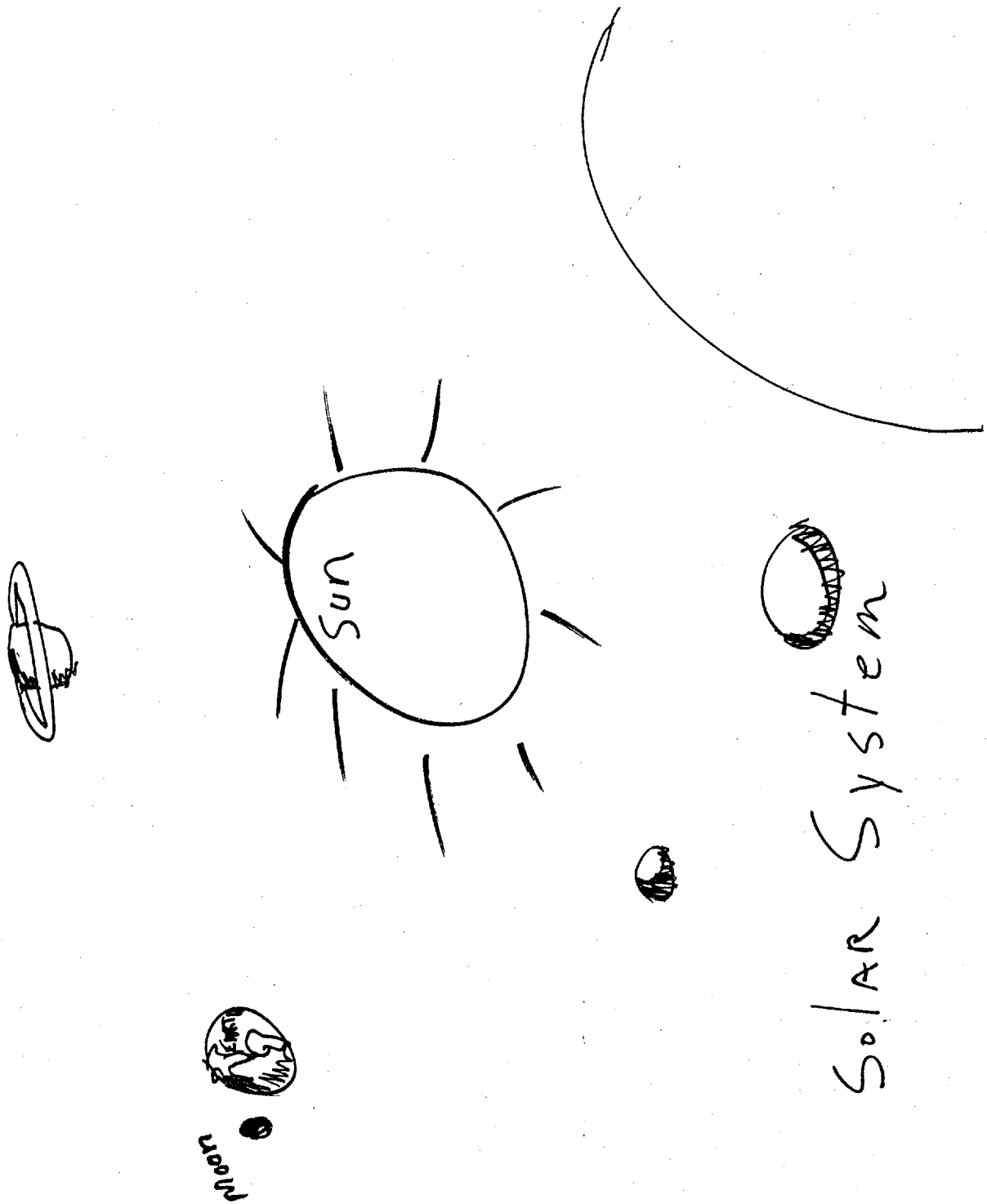
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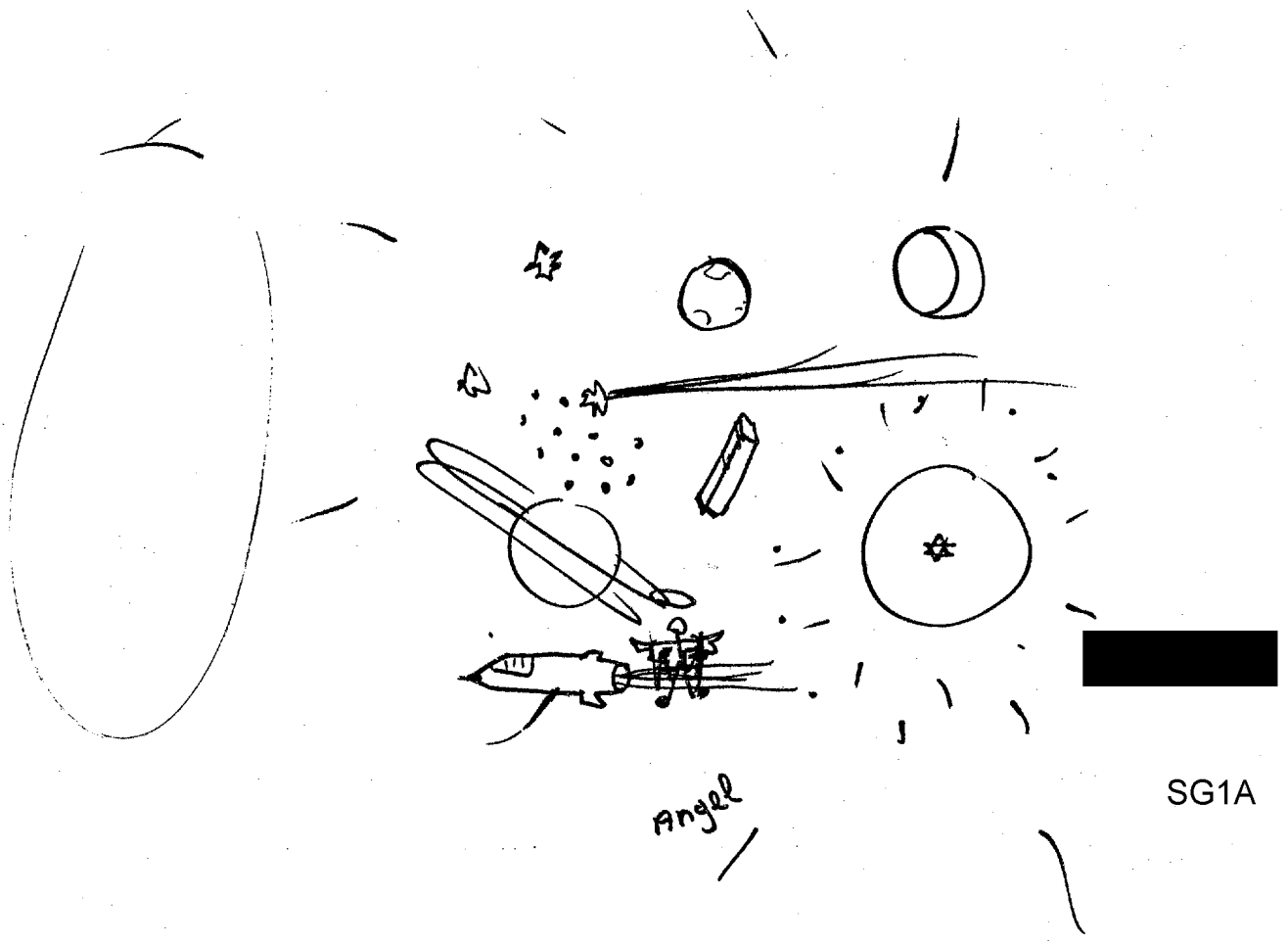












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Wednesday, August 8. Three targets were drawn during the course of this day's work. In the first, the experimenters closed the outer door of the laboratory in which the shielded room is located (in addition to the inner double doors) and worked in an adjoining room.

The target picture in this case was a camel. Geller felt unsure and passed, but his first-choice drawing was a horse. (See Figs. 1. 13 and 1. 14)

The experimenters then returned to the room outside the shielded room and drew the second picture which was the Golden Gate Bridge (Fig. 1. 15). Geller inside the shielded room drew some curved lines with some squares underneath. (Fig. 1. 16) He said that he didn't know what the picture was and passed.

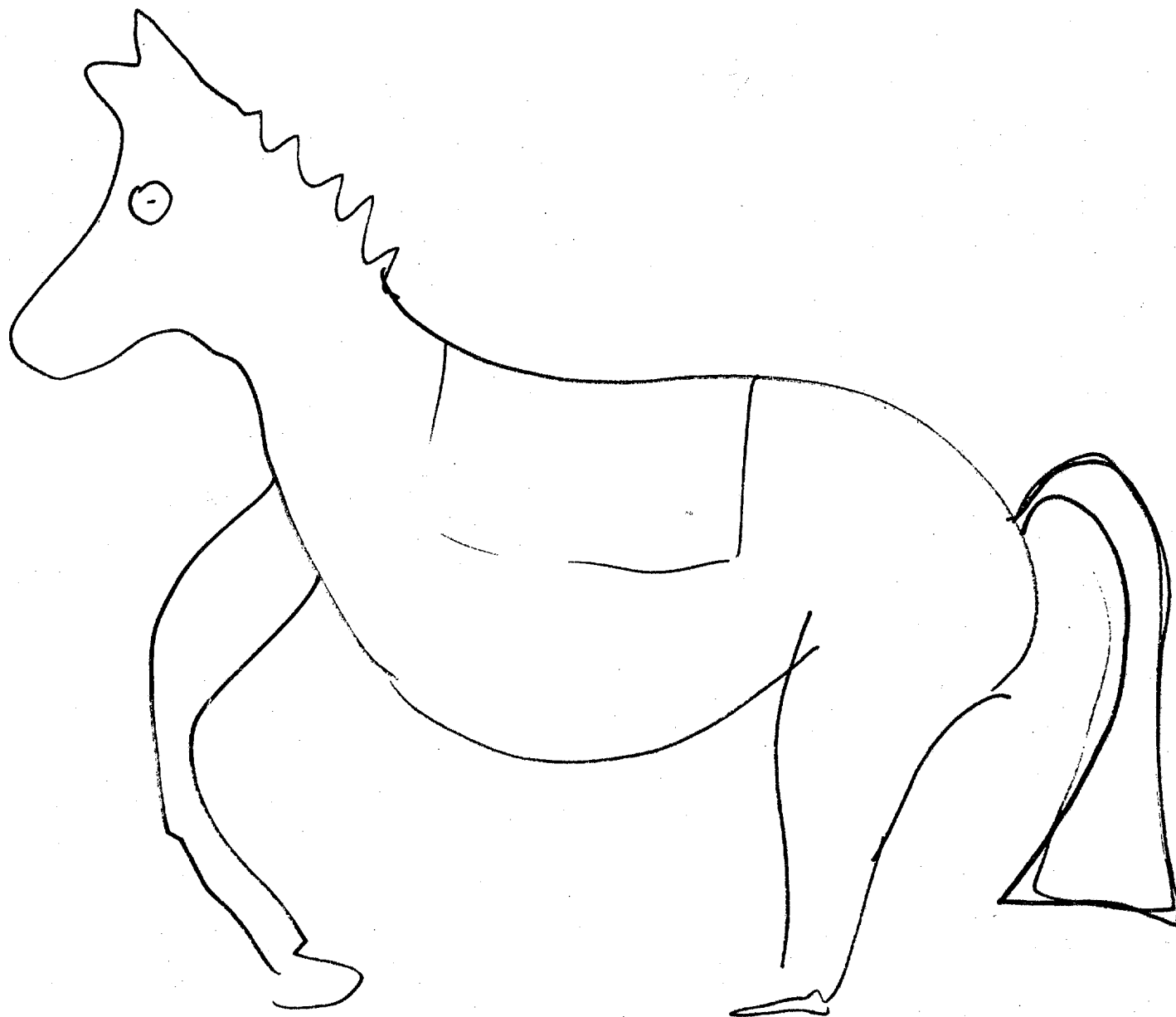
The third picture was a flying sea gull. Geller said almost immediately that he saw a flying swan over a hill. He drew several birds and said that he was sure that his drawing was correct, which it was. (Figs. 1.17 and 1. 18)

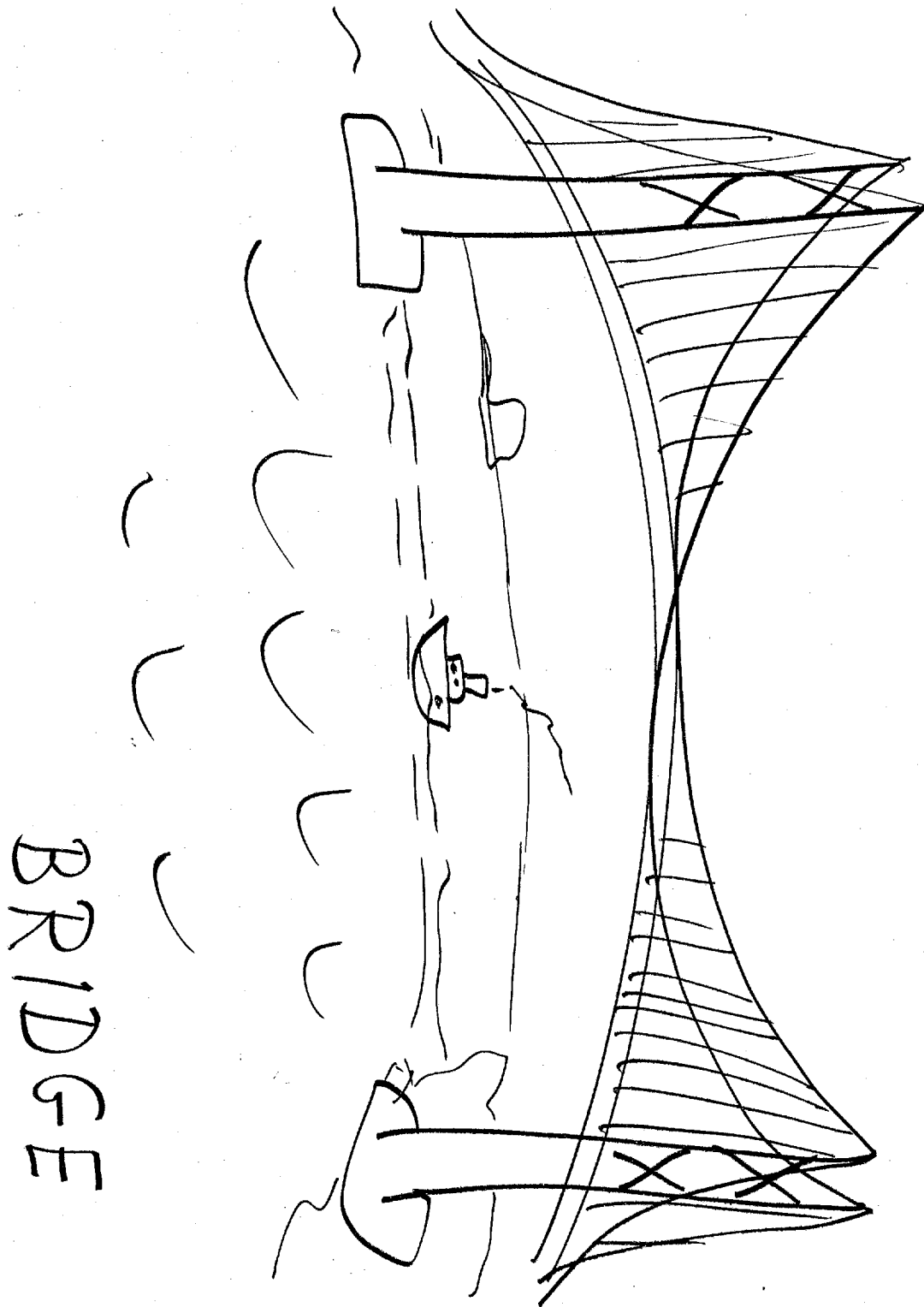
In these experiments conducted with this shielded room, six day's work was done. Good results were obtained on the four days when there was no openly skeptical observer (except the experimenters whom Geller has learned to accept).

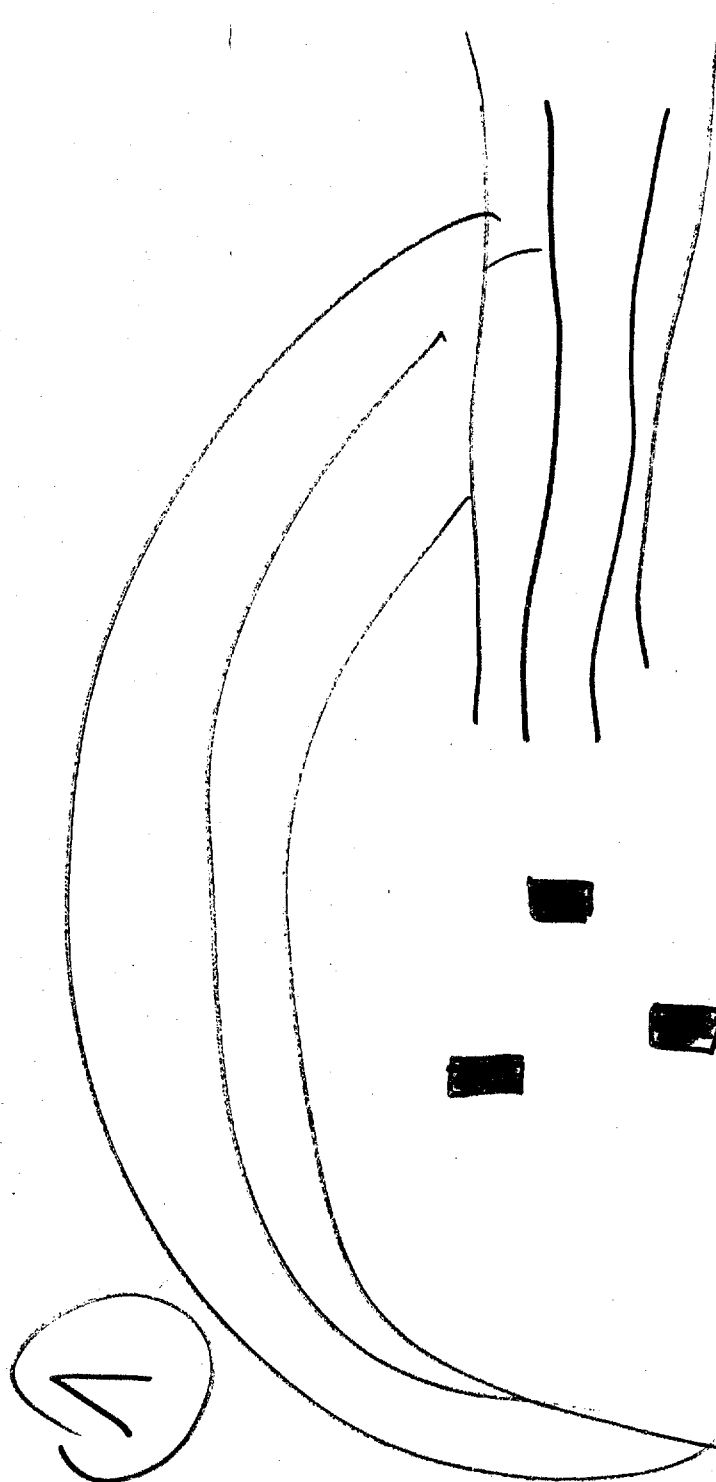
Thursday, August 9. We moved the experiments to a new shielded room from the Life Science to the Engineering building in order to make use of the computer facilities available there.

After Geller was secured in a shielded room about 150 feet down the hall and around a corner from the computer room and placed under continuous monitoring, a picture was drawn on the face of the TV screen driven by the computer's graphics program. The picture was a kite. Shortly after Geller was notified that the picture had been drawn, he had the computer room called to determine if the target picture was a geometric picture or an object. We told him that it was an object, by talking to an intermediary, who was ignorant of the target picture. Geller's first drawing in this case was a square with the diagonals drawn in. He then also drew some triangular airplanes and passed. His first drawing was a good representation of the actual target picture. (Figs. 1. 19 and 1. 20)



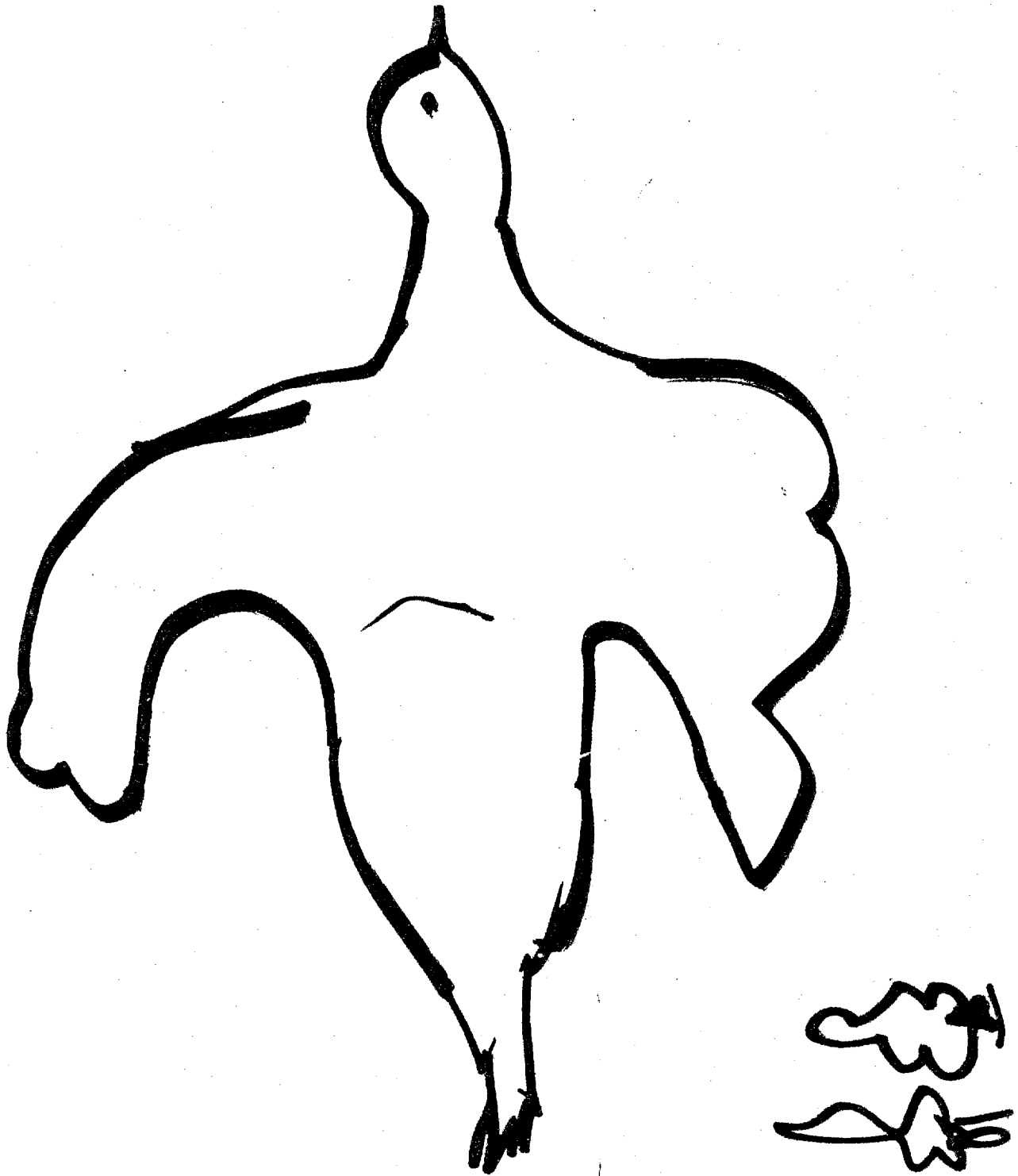


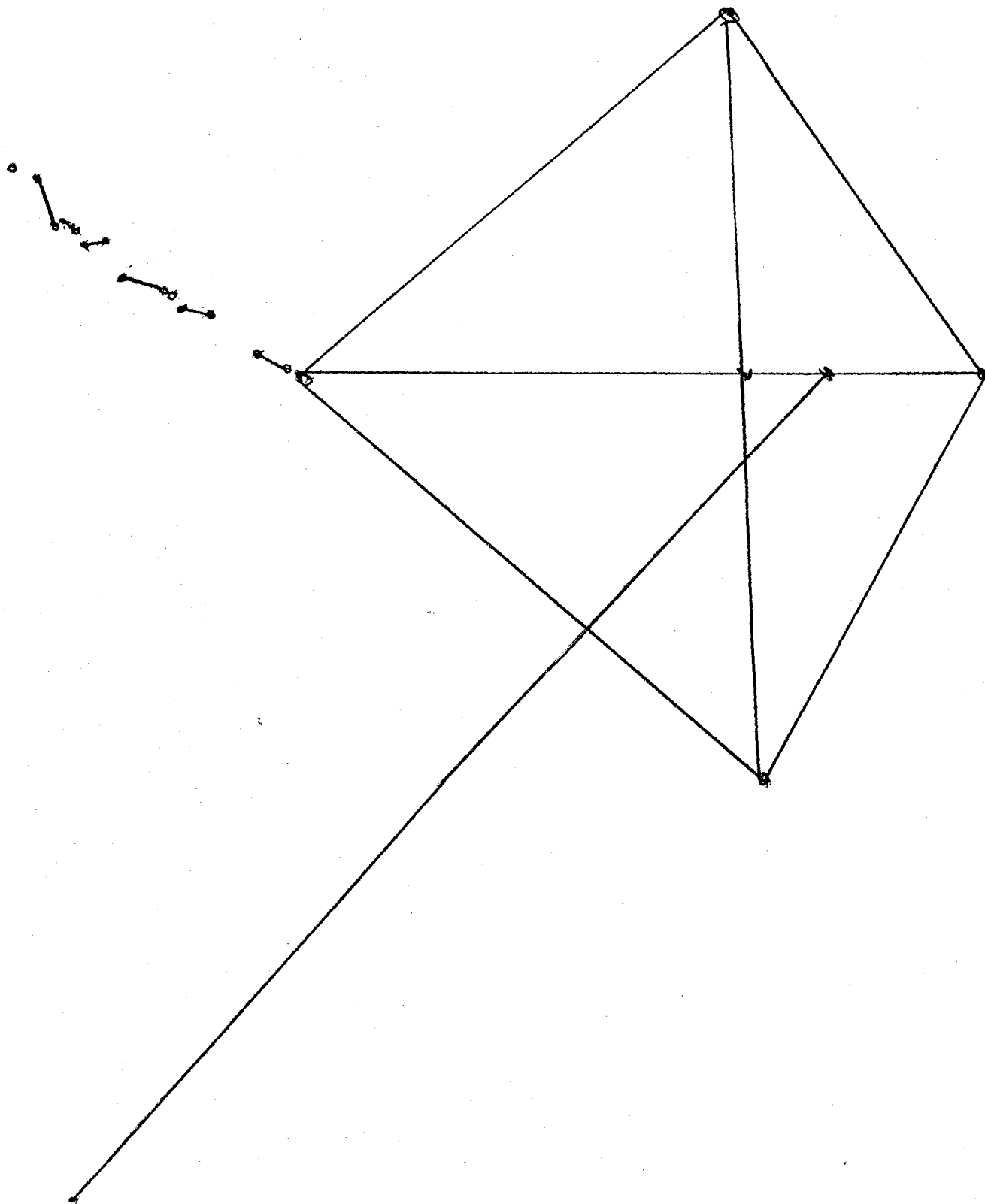


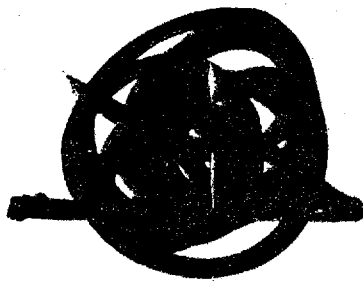
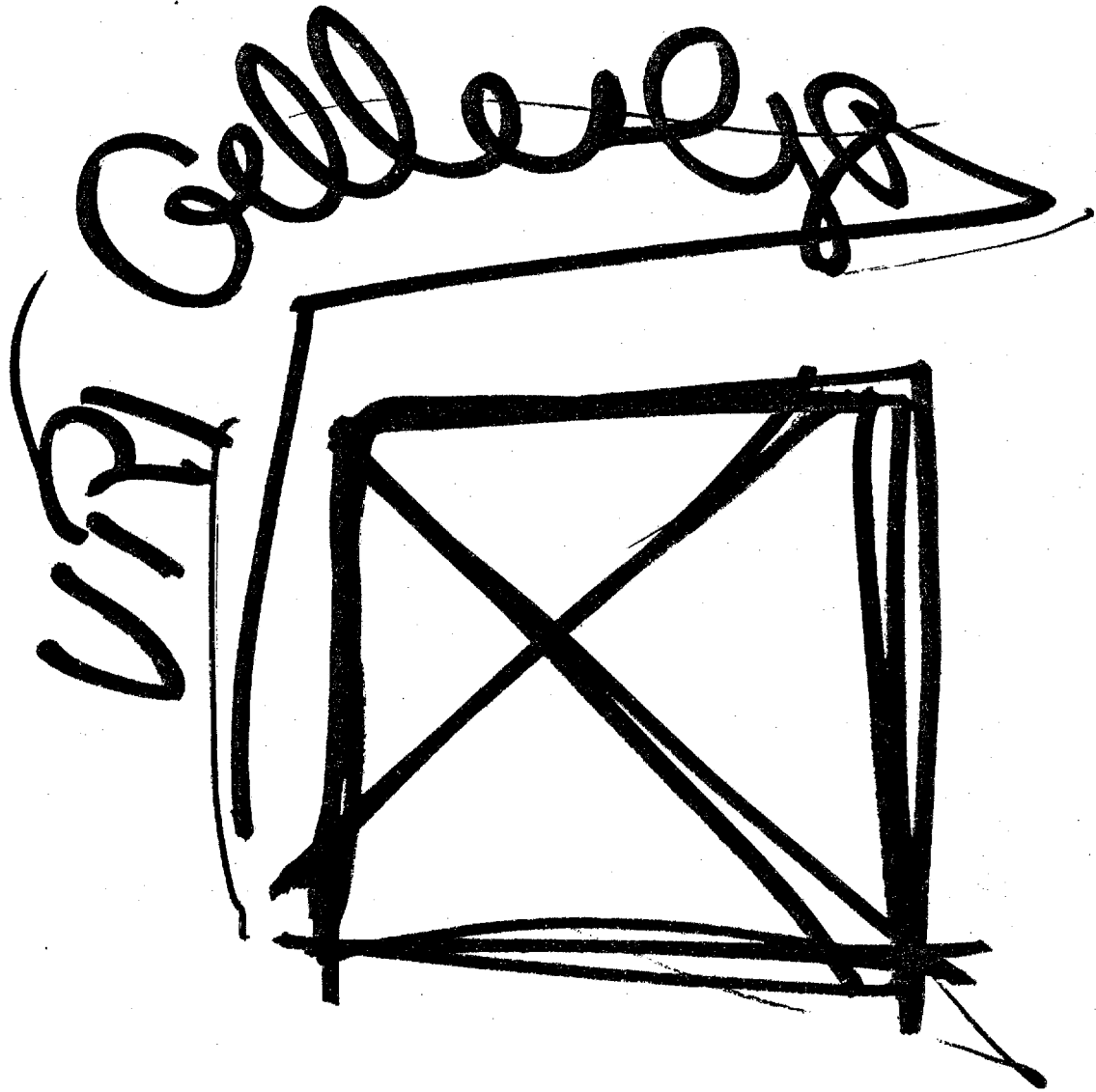




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Friday, August 10. Two pictures were drawn and stored in the computer memory so that no visible evidence was available in the computer room after the picture was drawn.

The first picture was a church. The picture was drawn and stored in the memory of the computer. Geller's responses are shown in the attached collection of drawings. It is clear that both of his attempts have some elements in common with the target drawing, but he had no idea that it was a church and he passed. (Figs. 1. 21 - 1. 23)

The second target picture was stored on the face of the TV tube with the intensity turned off so that no picture was visible with the room lights turned on. Geller immediately drew an arrow under a rounded brick and then drew another arrow inside a suitcase. We consider the arrow in the suitcase similar to the target, which was an arrow through a heart. (Figs. 1. 24 - 1. 26)

These latter two experiments admit of at least two hypotheses which will require further work to differentiate: (1) perception of information stored in the computer, or (2) perception of mental contents, since there were several people in the computer room, all of whom knew the nature of the target that was stored.

A long distance telepathy experiment was also done on Friday. An East Coast scientist was called and asked to draw a simple representational object for Geller to copy. Following the experiment he indicated that he drew two peaked mountains with a sun in the upper right. Geller drew two arches side by side with a circle in the upper right. Geller's picture also had a train-like object running through it. We consider this to be suggestive of communication but not conclusive. We do not have the East Coast original.

Saturday, August 11. A lengthy long distance experiment was performed with another East Coast scientist. In this case the man chose to draw a cross-sectional view of the brain. (In retrospect we consider this to be an exceptionally difficult target since Geller would not recognize the drawing even if successful.) Geller began by writing down the words "medical," "organic," and "living" on the top of his paper. Later he wrote the words "aviation" and "architecture". He made two

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drawings, one of which was complex and indescribable. The second did somewhat resemble an anatomical cross-section. These responses are being sent to the originator for comparison.

These experiments as presented complete the description of the work of August 4-11, 1973, with a perceptual information channel of unknown character and non-negligible signal-to-noise ratio.

