# FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT

PATENTS, TRADEMARKS AND COPYRIGHTS
SUITE 3400

FOUR EMBARCADERO CENTER
SAN FRANCISCO, CALIFORNIA 94111-4187

(415) 781-1989

PAUL D. FLEHR MARCUS LOTHROP BAYLOR G. RIDDELL OF COUNSEL

CABLE: FLEHRSF

TWX: 910 372-6669

FLEHR SFO

PENINSULA OFFICE 260 SHERIDAN AVENUE PALO ALTO, CALIF. 94306 (415) 326-0747

March 10, 1983

# EDWARD S. WRIGHT DAVID J. BREZNER RICHARD E. BACKUS STEPHEN E. BALDWIN STEPHEN C. SHEAR HENRY K. WOODWARD LOWELL C. BERGSTEDT WILLIAM J. EGAN III REGINALD J. SUYAT DEBRA E. DAHL WILLIAM E. LEVIN WILLIAM S. CAMMETT GARY S. WILLIAMS VIA FEDERAL EXPRESS

James T. Williams, Esq. Neuman, Williams, Anderson & Olson 77 West Washington Street Chicago, Illinois 60602

Re: Magnavox and Sanders

v. Activision

Civil Action C82 5270 TEH

Our File L-37324



MAR 1 1 1983

NEUMAN, WILLIAMS, ANDERSON & OLSON JAMES T. WILLIAMS

Dear Jim:

HAROLD C. HOHBACH ALDO J. TEST ELMER S. ALBRITTON THOMAS O. HERBERT MILTON W. SCHLEMMER DONALD N. MACINTOSH JERRY G. WRIGHT EDWARD S. WRIGHT EDWARD S. WRIGHT

Pursuant to our telephone conversation today I have revised the Stipulated Protective Order which you previously forwarded and am enclosing a copy.

Specifically the Order is changed in Paragraphs 2 (second and third sentences), 3(B), 3(C) and 4(C), all as we discussed.

In order to move the possibility of settlement discussions off dead center we would appreciate it if you would bring along with you on Monday those license agreements with manufacturers of cartridges. As I understand it this includes only Mattel, Milton Bradley and Coleco, as well, of course, as Atari whose two licenses we already have.

As I have mentioned to Ted it would also be very beneficial in discussing settlement if we were to know what you consider infringing games, as well as the criteria you are using to determine infringement. In response to our interrogatories you have identified the games "Fishing Derby", "Boxing", "Tennis" and "Ice Hockey". It would be well to know if these are the only games which you consider to infringe and also why these games are considered to be infringements and others are not.

I am looking forward to seeing you on Monday.

Very truly yours,

FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT

Thomas O. Herbert

TOH:nad Enclosure

```
L-37324
```

```
FLEHR, HOHBACH, TEST,
   ALBRITTON & HERBERT
   ALDO J. TEST
   THOMAS O. HERBERT
   EDWARD S. WRIGHT
   Suite 3400, Four Embarcadero Center
   San Francisco, CA 94111-4187
   Telephone: (415) 781-1989
5
   WILSON, SONSINI, GOODRICH & ROSATI
   HARRY B. BREMOND
   MICHAEL A. LADRA
   Two Palo Alto Square
   Palo Alto, CA 94304
   Telephone: (415) 493-9300
8
   Attorneys for Defendant
10
                   IN THE UNITED STATES DISTRICT COURT
11
12
                 FOR THE NORTHERN DISTRICT OF CALIFORNIA
   THE MAGNAVOX COMPANY,
13
   a Corporation, and
   SANDERS ASSOCIATES, INC.,
                                             Civil Action
14
                                             C 82 5270 TEH
   a Corporation,
15
                        Plaintiffs,
16
                                             DEFENDANT'S SECOND SET
              V.
17
                                             OF INTERROGATORIES TO
   ACTIVISION, INC.,
                                             PLAINTIFFS (NOS. 126-182)
   a Corporation,
18
                        Defendant.
19
20
              Defendant Activision, Inc. (hereinafter Activision)
21
   propounds the following interrogatories to plaintiffs, The Magnavox
22
23
   Company (hereinafter Magnavox) and Sanders Associates, Inc.
    (hereinafter Sanders), to be answered by each of said plaintiffs in
24
25
   writing and under oath in accordance with the provisions of Rule 33
   of the Federal Rules of Civil Procedure. These interrogatories are
26
27
   111
   111
28
    Page 1 - DEFENDANT'S SECOND SET OF INTERROGATORIES
```

TO PLAINTIFFS (NOS. 126-182)

intended to be continuing in their effect and to require supplementary answers with respect to any and all facts or documents within their scope which may come into the possession of plaintiffs or their attorneys subsequent to the answering of these interrogatories.

#### DEFINITIONS

- 1. "Magnavox" shall mean plaintiff The Magnavox Company, its subsidiaries and/or related companies, officers, employees, managers, representatives, agents, attorneys and any other persons acting on behalf of The Magnavox Company.
- 2. "Sanders" shall mean plaintiff Sanders Associates, Inc., its subsidiaries and/or related companies, officers, employees, managers, representatives, agents, attorneys and any other persons acting on behalf of Sanders Associates, Inc.
  - 3. "Activision" shall mean defendant Activision, Inc.
- 4. "Document" shall mean written, recorded or graphic matter, however produced or reproduced, including, but not limited to letters, correspondence, memoranda, notes, work papers, tapes, data storage media of any type, charts, books, accounting records, drawings, sketches, photographs, bulletins, circulars, advertising, or copies of such documents where originals are not available.

  Documents should be identified whether or not they are deemed privileged or confidential and whether or not they are in plaintiffs' possession, custody or control.
- 5. "Identify", when used in reference to a document, means to state the type of document (e.g., letter, memorandum, report, etc.), the date, the title or heading of the document, the

7

10 11

12

13

14 15

16

17

18

19

20 21

22

23

24

INTERROGATORY NO. 126

25

26

27

28

111

Page 3 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

identity of the addressee(s), the identity of all persons to whom copies of the document were sent, and the present location of the original document (or, if the original is unavailable, of the most legible copy).

- 6. "Identify", when used in reference to a natural person, means to state the full name of the person, the present or last known address and telephone number of the person, and the relationship of the person to plaintiffs, if any.
- "Identify", when used in reference to an entity other than a natural person, means to state the full name of the entity, the nature of the entity (e.g., corporation, partnership, etc.), the present or last known address of the entity, and the full names of the principals of the entity (e.g., officers, partners, etc.).
- "Identify", when used in reference to a communication, means to state the nature (e.g., conversation, written correspondence, etc.) of the communication, the date of the communication, the person or persons present, and the subject matter of the communication.
- "Licensee" shall include sublicenses and all other types of licenses.

INTERROGATORIES

to INTERROGATORY NO. 38 of DEFENDANT'S FIRST SET OF INTERROGATORIES

TO PLAINTIFFS (namely, "Fishing Derby", "Boxing", "Tennis" and "Ice

Hockey") and the consoles identified in response to INTERROGATORY

For each combination of the games identified in response

11

13

15

17

16

18

20

19

21

22 23

24

25

26 27

28

NO. 50 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, the Atari VCS Model 2600, the Sears Tele-Game Video Arcade, and the combination of the Colecovision game console and the Expansion Module 1) which plaintiffs contend constitutes an infringement of Claim 25 of United States Patent Re. 28,507, identify the elements which plaintiffs contend correspond to the following elements of the claim:

- A. A hitting symbol;
- Means for generating a hitting symbol; B.
- A hit symbol; C.
- D. Means for generating a hit symbol;
- Coincidence between said hitting symbol and said hit E. symbol;
- F. Means for ascertaining coincidence between said hitting symbol and said hit symbol;
- G. A distinct motion imparted to said hit symbol upon coincidence; and
- H. Means for imparting a distinct motion to said hit symbol upon coincidence.

#### INTERROGATORY NO. 127

For each combination of the games identified in response to INTERROGATORY NO. 38 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, "Fishing Derby", "Boxing", "Tennis" and "Ice Hockey") and the consoles identified in response to INTERROGATORY NO. 50 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, the Atari VCS Model 2600, the Sears Tele-Game Video Arcade, 111

and the combination of the Colecovision game console and the Expansion Module 1) which plaintiffs contend constitutes an infringement of Claim 26 of United States Patent Re. 28,507, identify the elements which plaintiffs contend correspond to the following elements of the claim:

- A. A variation in the horizontal position of the hitting symbol;
- B. A variation in the vertical position of the hitting symbol; and
- C. Means for providing horizontal and vertical control signals for varying the horizontal and vertical positions of said hitting symbol.

#### INTERROGATORY NO. 128

For each combination of the games identified in response to INTERROGATORY NO. 38 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, "Fishing Derby", "Boxing", "Tennis" and "Ice Hockey") and the consoles identified in response to INTERROGATORY NO. 50 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, the Atari VCS Model 2600, the Sears Tele-Game Video Arcade, and the combination of the Colecovision game console and the Expansion Module 1) which plaintiffs contend constitutes an infringement of Claim 44 of United States Patent Re. 28,507, identify the elements which plaintiffs contend correspond to the following elements of the claim:

- A. A baseball type game;
- B. Apparatus for playing a baseball type game;
- C. A hit spot;

Page 5 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

D. Means for displaying a hit spot; 1 A hitting spot; E. 2 Means for displaying a hitting spot; F. 3 An adjustment in the vertical position of said G. 4 hitting spot; 5 Means for adjusting the vertical position of said н. 6 hitting spot; 7 A serving of the hit spot; 8 I. J. Means for serving said hit spot; K. A variation in the vertical position of the hit 10 spot; 11 Means for varying the vertical position of said hit 12 L. spot; 13 Μ. Coincidence between said hit and said hitting spot; 14 A reversal of directions by the hit spot; and N. 15 16 0. Means for denoting coincidence between said hit and 17 said hitting spots whereby said hit spot will reverse directions. 18 19 INTERROGATORY NO. 129 20 For each combination of the games identified in response 21 to INTERROGATORY NO. 38 of DEFENDANT'S FIRST SET OF INTERROGATORIES 22 TO PLAINTIFFS (namely, "Fishing Derby", "Boxing", "Tennis" and "Ice 23 Hockey") and the consoles identified in response to INTERROGATORY 24 NO. 50 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS 25 (namely, the Atari VCS Model 2600, the Sears Tele-Game Video Arcade, 26 and the combination of the Colecovision game console and the 27

Page 6 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

28

Expansion Module 1) which plaintiffs contend constitutes an

infringement of Claim 45 of United States Patent Re. 28,507, identify the elements which plaintiffs contend correspond to the following elements of the claim: 3 A hockey type game; 4 Apparatus for playing a hockey type game; В. 5 A first hitting spot; C. 6 Means for displaying a first hitting spot; D. 7 A second hitting spot; E. 8 Means for displaying a second hitting spot; F. 9 A hit spot; H. 10 Means for displaying a hit spot; I. 11 Control of the position of the first hitting spot; J. 12 K. Control of the position of the second hitting spot; 13 Means for controlling the position of said first and L. 14 second hitting spots; 15 Controlling of the position of the hit spot; Μ. 16 Means for controlling the position of said hit spot; N. 17 0. Coincidence between the first hitting spot and the 18 hit spot; 19 P. Coincidence between the second hitting spot and the 20 hit spot; 21 Means for ascertaining coincidence between either of Q. 22 said hitting spots and said hit spot; 23 R. A distinct motion imparted to said hit spot upon 24 coincidence; and 25 Means for imparting a distinct motion to said hit S. 26 spot upon coincidence. 27 28 111

Page 7 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

For each combination of the games identified in response to INTERROGATORY NO. 38 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, "Fishing Derby", "Boxing", "Tennis" and "Ice Hockey") and the consoles identified in response to INTERROGATORY NO. 50 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, the Atari VCS Model 2600, the Sears Tele-Game Video Arcade, and the combination of the Colecovision game console and the Expansion Module 1) which plaintiffs contend constitutes an infringement of Claim 51 of United States Patent Re. 28,507, identify the elements which plaintiffs contend correspond to the following elements of the claim:

- A hitting symbol; Α.
- B. Means for generating a hitting symbol;
- C. A hit symbol;
- Means for generating a hit symbol; D.
- Coincidence between said hitting symbol and said hit E. symbol;
- F. Means for ascertaining coincidence between said hitting symbol and said hit symbol;
- G. A distinct motion imparted to the hit symbol upon coincidence: and
- Means for imparting a distinct motion to said hit Η. symbol upon coincidence.

#### INTERROGATORY NO. 131

For each combination of the games identified in response to INTERROGATORY NO. 38 of DEFENDANT'S FIRST SET OF INTERROGATORIES Page 8 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

INTERROGATORY NO. 130

1

2

3

5

7

8

25

26

24

27 28

TO PLAINTIFFS (namely, "Fishing Derby", "Boxing", "Tennis" and "Ice 1 Hockey") and the consoles identified in response to INTERROGATORY NO. 50 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS 3 (namely, the Atari VCS Model 2600, the Sears Tele-Game Video Arcade, 4 and the combination of the Colecovision game console and the 5 Expansion Module 1) which plaintiffs contend constitutes an infringement of Claim 52 of United States Patent Re. 28,507, 7 8 identify the elements which plaintiffs contend correspond to the following elements of the claim: 9

- A. A variation in the horizontal position of the hitting symbol;
- B. A variation in the vertical position of the hitting symbol; and
- C. Means for providing horizontal and vertical control signals for varying the horizontal and vertical positions of said hitting symbol.

#### INTERROGATORY NO. 132

For each combination of the games identified in response to INTERROGATORY NO. 38 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, "Fishing Derby", "Boxing", "Tennis" and "Ice Hockey") and the consoles identified in response to INTERROGATORY NO. 50 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, the Atari VCS Model 2600, the Sears Tele-Game Video Arcade, and the combination of the Colecovision game console and the Expansion Module 1) which plaintiffs contend constitutes an infringement of Claim 60 of United States Patent Re. 28,507,

Page 9 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

18 19

20

10

11

12

13

14

15

16

17

21

23

24

25

26

27

28

28

and said second symbol;

- L. A distinct motion imparted to said second symbol in response to said coincidence; and
- Μ. Means coupled to said coincidence determining means and said second symbol generating means for imparting a distinct motion to said second symbol in response to said coincidence.

#### INTERROGATORY NO. 133

For each combination of the games identified in response to INTERROGATORY NO. 38 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, "Fishing Derby", "Boxing", "Tennis" and "Ice Hockey") and the consoles identified in response to INTERROGATORY NO. 50 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, the Atari VCS Model 2600, the Sears Tele-Game Video Arcade, and the combination of the Colecovision game console and the Expansion Module 1) which plaintiffs contend constitutes an infringement of Claim 61 of United States Patent Re. 28,507, identify the elements which plaintiffs contend correspond to the following elements of the claim:

- A third symbol on the screen of the cathode ray tube;
- B. Player control of the position of the third symbol;
- Means coupled to said synchronization signal C. generating means and said cathode ray tube for generating a third symbol on said screen at a position which is controlled by a player;
- A second coincidence between said third symbol and D. said second symbol;

Page 11 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

7

23

26

27 28

5

8

9

7

10 11

13

12

14 15

INTERROGATORY NO. 134

16

17

18 19

20

22

23

25

26

27

111

111

28

- E. Means coupled to said third symbol generating means and second symbol generating means for determining a second coincidence between said third symbol and said second symbol;
- F. A first coincidence between said third symbol and said second symbol;
- G. A distinct motion imparted to said second symbol in response to the second coincidence; and
- H. Means coupled to said second and third symbol coincidence determining means and said second symbol generating means for imparting a distinct motion to said second symbol in response to said second coincidence.

For each combination of the games identified in response

to INTERROGATORY NO. 38 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, "Fishing Derby", "Boxing", "Tennis" and "Ice Hockey") and the consoles identified in response to INTERROGATORY NO. 50 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS (namely, the Atari VCS Model 2600, the Sears Tele-Game Video Arcade, and the combination of the Colecovision game console and the Expansion Module 1) which plaintiffs contend constitutes an infringement of Claim 62 of United States Patent Re. 28,507, identify the elements which plaintiffs contend correspond to the

Page 12 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

following elements of the claim:

- A. A traveling of the second symbol across the screen from one side of the raster to another in the absence of an occurrence of coincidence between said second symbol and said first or third symbol after coincidence of said second symbol with said third or first symbol;
- B. A first coincidence of said second symbol with said third or first symbol;
- C. A second coincidence between said second symbol and said first or third symbol; and
- D. Means for causing said second symbol to travel
  across said screen from one side of said raster to
  another side of said raster in the absence of an
  occurrence of coincidence between said second symbol
  and said first or third symbol after coincidence of
  said second symbol with said third or first symbol.

#### INTERROGATORY NO. 135

Set forth in detail the nature of any additional information which plaintiffs deem necessary in order to respond fully to INTERROGATORIES NOS. 38 and 39 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS.

#### INTERROGATORY NO. 136

State whether each of the following television game consoles identified in response to INTERROGATORY NO. 50 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS is licensed or granted immunity from suit under any of the patents identified Page 13 - DEFENDANT'S SECOND SET OF INTERROGATORIES

TO PLAINTIFFS (NOS. 126-182)

in response to INTERROGATORIES NOS. 1 and 3 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS: Atari VCS Model 2600; 3 A. Sears Tele-Game Video Arcade; 4 В. 5 C. Colecovision television game console; and 6 Coleco Expansion Module 1. D. 7 8 INTERROGATORY NO. 137 9 For each television game console identified as being 10 licensed or granted immunity from suit in response to INTERROGATORY NO. 136: 11 12 A. Identify the patent(s) under which the console is licensed or granted immunity from suit; 13 14 B. Identify the license or other agreement in which the 15 console is licensed or granted immunity from suit; 16 Identify all persons having knowledge of the license C. 17 or immunity from suit; 18 D. Identify all communications relating to the license 19 or immunity from suit; and 20 Identify all documents which refer or relate in any E. way to the license or immunity from suit. 21 22 23 INTERROGATORY NO. 138 Identify all portions of the subject matter described in 24 25 U.S. Patent 3,728,480 which Magnavox and Sanders contend are not 26 prior art with regard to United States Patent Re. 28,507. 27 111 28 111

Page 14 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

1

For each portion of the subject matter of U.S. Patent 3,728,480 identified in response to INTERROGATORY NO. 138:

4

Set forth in detail the basis of the contention that Α. the portion of the subject matter is not prior art;

5

B. Identify all persons having knowledge of the respective dates of invention of that portion of the subject matter and the subject matter of United

8

7

States Letters Patent Re. 28,507; and

9

10

Identify all documents which refer or relate in any C.

way to the subject matter of this interrogatory,

11

including all documents which support the contention

12 13

that the portion of the subject matter is not prior

14

art with regard to United States Letters Patent

15

Re. 28,507.

16

17

18

#### INTERROGATORY NO. 140

coincidence when a dot generated by one dot generator is located in

With regard to the invention of means for denoting

20

the same position on a television screen as a dot generated by

21

another dot generator, as claimed in Claim 13 of U. S. Patent

22

23

Α. What is the earliest date for each of the following:

24

(1)Conception;

25

Actual reduction to practice; and

26

Diligence toward reduction to practice; (3)

27

28

111

111

3,728,480:

Page 15 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

- B. Describe in detail the events which constitute the conception, reduction to practice and diligence on which the dates set forth in response to Parts A(1) -A(3) of this interrogatory are based;
- C. Identify all persons who participated in each of the events described in response to Part B of this interrogatory, including the role of each such person;
- D. Identify the first person(s) to suggest the invention, state the date the invention was first suggested, and identify the person(s) to whom the invention was suggested;
- E. Identify all persons to whom the invention was disclosed prior to May 27, 1969 and the date and place of each such disclosure;
- F. Identify all persons who had knowledge of the invention prior to May 27, 1969 and the date each such person learned of the invention;
- G. Identify all prototypes, laboratory models, breadboard circuits and other physical embodiments of the invention made prior to May 27, 1969, including the following:
  - (1) A concise description of each;
  - (2) The date(s) each was made;
  - (3) The person(s) who constructed each;
  - (4) All persons having access to each prior to May 27, 1969; and
  - (5) The present location and condition of each.

- H. Identify all persons not otherwise identified in response to this interrogatory who have knowledge of the subject matter of any of Parts A through G of this interrogatory, and indicate the subject matter of which each such person has knowledge; and
- I. Identify all documents which refer or relate in any way to the subject matter of this interrogatory.

#### INTERROGATORY NO. 141

With regard to the invention of means for ascertaining coincidence between a hitting symbol and a hit symbol as claimed in Claim 25 of United States Letters Patent Re. 28,507:

- A. What is the earliest date for each of the following:
  - Conception;
  - (2) Actual reduction to practice; and
  - (3) Diligence toward reduction to practice;
- B. Describe in detail the events which constitute the conception, reduction to practice and diligence on which the dates set forth in response to Parts A(1) -A(3) of this interrogatory are based;
- C. Identify all persons who participated in each of the events described in response to Part B of this interrogatory, including the role of each such person;
- D. Identify the first person(s) to suggest the invention, state the date the invention was first suggested, and identify the person(s) to whom the invention was suggested;

Page 18 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

	1				
1		(1)	A concise description of each;		
2		(2)	The date(s) each was made;		
3		(3)	The person(s) who constructed each;		
4		(4)	All persons having access to each prior to		
5			May 27, 1969; and		
6		(5)	The present location and condition of each.		
7	н.	Iden	tify all persons not otherwise identified in		
8		resp	onse to this interrogatory who have knowledge of		
9		the	subject matter of any of Parts A through G of		
10		this	interrogatory, and indicate the subject matter		
11		of w	hich each such person has knowledge; and		
12	I.	Iden	tify all documents which refer or relate in any		
13		way	to the subject matter of this interrogatory.		
14					
15	INTERROGATORY NO. 143				
16	Wi	th rega	rd to the invention of means for denoting		
17	coincidence between hit and hitting spots, as claimed in Claim 44				
18	of United States Letters Patent Re. 28,507:				
19	A.	What	is the earliest date for each of the following:		
20		(1)	Conception;		
21		(2)	Actual reduction to practice; and		
22		(3)	Diligence toward reduction to practice;		
23	В.	Desc	ribe in detail the events which constitute the		
24		conc	eption, reduction to practice and diligence on		
25		whic	h the dates set forth in response to Parts A(1)-		
26		A(3)	of this interrogatory are based;		
27	///				
28	///				
	Page 20 - DE	FENDANT	'S SECOND SET OF INTERROGATORIES		

TO PLAINTIFFS (NOS. 126-182)

Page 21 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

H. Identify all persons not otherwise identified in response to this interrogatory who have knowledge of the subject matter of any of Parts A through G of this interrogatory, and indicate the subject matter of which each such person has knowledge; and

I. Identify all documents which refer or relate in any way to the subject matter of this interrogatory.

#### INTERROGATORY NO. 144

With regard to the invention of the concept of the hit spot reversing direction, as claimed in Claim 44 of United States. Letters Patent Re. 28,507:

- A. What is the earliest date for each of the following:
  - (1) Conception;
  - (2) Actual reduction to practice; and
  - (3) Diligence toward reduction to practice;
- B. Describe in detail the events which constitute the conception, reduction to practice and diligence on which the dates set forth in response to Parts A(1) -A(3) of this interrogatory are based;
- C. Identify all persons who participated in each of the events described in response to Part B of this interrogatory, including the role of each such person;
- D. Identify the first person(s) to suggest the invention, state the date the invention was first suggested, and identify the person(s) to whom the invention was suggested;

27

28

E. Identify all persons to whom the invention was disclosed prior to May 27, 1969 and the date and place of each such disclosure;

- F. Identify all persons who had knowledge of the invention prior to May 27, 1969 and the date each such person learned of the invention;
- G. Identify all prototypes, laboratory models, breadboard circuits and other physical embodiments of the invention made prior to May 27, 1969, including the following:
  - (1) A concise description of each;
  - (2) The date(s) each was made;
  - (3) The person(s) who constructed each;
  - (4) All persons having access to each prior to May 27, 1969; and
  - (5) The present location and condition of each.
- H. Identify all persons not otherwise identified in response to this interrogatory who have knowledge of the subject matter of any of Parts A through G of this interrogatory, and indicate the subject matter of which each such person has knowledge; and
- I. Identify all documents which refer or relate in any way to the subject matter of this interrogatory.

#### INTERROGATORY NO. 145

With regard to the invention of means for ascertaining coincidence between either of two hitting spots and a hit spot, as claimed in Claim 45 of United States Letters Patent Re. 28,507:

Page 23 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

- A. What is the earliest date for each of the following:
  - (1) Conception;
  - (2) Actual reduction to practice; and
  - (3) Diligence toward reduction to practice;
- B. Describe in detail the events which constitute the conception, reduction to practice and diligence on which the dates set forth in response to Parts A(1) -A(3) of this interrogatory are based;
- C. Identify all persons who participated in each of the events described in response to Part B of this interrogatory, including the role of each such person;
- D. Identify the first person(s) to suggest the invention, state the date the invention was first suggested, and identify the person(s) to whom the invention was suggested;
- E. Identify all persons to whom the invention was disclosed prior to May 27, 1969 and the date and place of each such disclosure;
- F. Identify all persons who had knowledge of the invention prior to May 27, 1969 and the date each such person learned of the invention;
- G. Identify all prototypes, laboratory models, breadboard circuits and other physical embodiments of the invention made prior to May 27, 1969, including the following:

TO PLAINTIFFS (NOS. 126-182)

Page 26 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

28

- H. Identify all persons not otherwise identified in response to this interrogatory who have knowledge of the subject matter of any of Parts A through G of this interrogatory, and indicate the subject matter of which each such person has knowledge; and
- I. Identify all documents which refer or relate in any way to the subject matter of this interrogatory.

#### INTERROGATORY NO. 147

With regard to the invention of means for ascertaining coincidence between a hitting symbol and a hit symbol, as claimed in Claim 51 of United States Letters Patent Re. 28,507:

- A. What is the earliest date for each of the following:
  - (1) Conception;
  - (2) Actual reduction to practice; and
  - (3) Diligence toward reduction to practice;
- B. Describe in detail the events which constitute the conception, reduction to practice and diligence on which the dates set forth in response to Parts A(1)-A(3) of this interrogatory are based;
- C. Identify all persons who participated in each of the events described in response to Part B of this interrogatory, including the role of each such person;
- D. Identify the first person(s) to suggest the invention, state the date the invention was first suggested, and identify the person(s) to whom the invention was suggested;

- E. Identify all persons to whom the invention was disclosed prior to May 27, 1969 and the date and place of each such disclosure;
- F. Identify all persons who had knowledge of the invention prior to May 27, 1969 and the date each such person learned of the invention;
- G. Identify all prototypes, laboratory models, breadboard circuits and other physical embodiments of the invention made prior to May 27, 1969, including the following:
  - (1) A concise description of each;
  - (2) The date(s) each was made;
  - (3) The person(s) who constructed each;
  - (4) All persons having access to each prior to May 27, 1969; and
  - (5) The present location and condition of each.
- H. Identify all persons not otherwise identified in response to this interrogatory who have knowledge of the subject matter of any of Parts A through G of this interrogatory, and indicate the subject matter of which each such person has knowledge; and
- I. Identify all documents which refer or relate in any way to the subject matter of this interrogatory.

#### INTERROGATORY NO. 148

With regard to the invention of means for imparting a distinct motion to the hit symbol upon coincidence with a hitting

Page 28 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

1	
1	(1) A concise description of each;
2	(2) The date(s) each was made;
3	(3) The person(s) who constructed each;
4	(4) All persons having access to each prior to
5	May 27, 1969; and
6	(5) The present location and condition of each.
7	H. Identify all persons not otherwise identified in
8	response to this interrogatory who have knowledge o
9	the subject matter of any of Parts A through G of
10	this interrogatory, and indicate the subject matter
1	of which each such person has knowledge; and
2	I. Identify all documents which refer or relate in any
13	way to the subject matter of this interrogatory.
4	
5	INTERROGATORY NO. 149
6	With regard to the invention of means for determining a
17	first coincidence between first and second symbols, as claimed in
18	Claim 60 of United States Letters Patent Re. 28,507:
19	A. What is the earliest date for each of the following
20	(1) Conception;
21	(2) Actual reduction to practice; and
22	(3) Diligence toward reduction to practice;
23	B. Describe in detail the events which constitute the
24	conception, reduction to practice and diligence on
25	which the dates set forth in response to Parts A(1)
26	A(3) of this interrogatory are based;
27	111
28	111
	Page 30 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

Page 31 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

H. Identify all persons not otherwise identified in response to this interrogatory who have knowledge of the subject matter of any of Parts A through G of this interrogatory, and indicate the subject matter of which each such person has knowledge; and

I. Identify all documents which refer or relate in any way to the subject matter of this interrogatory.

#### INTERROGATORY NO. 150

With regard to the invention of means for imparting a distinct motion to the second symbol, as claimed in Claim 60 of United States Letters Patent Re. 28,507:

- A. What is the earliest date for each of the following:
  - (1) Conception;
  - (2) Actual reduction to practice; and
  - (3) Diligence toward reduction to practice;
- B. Describe in detail the events which constitute the conception, reduction to practice and diligence on which the dates set forth in response to Parts A(1)-A(3) of this interrogatory are based;
- C. Identify all persons who participated in each of the events described in response to Part B of this interrogatory, including the role of each such person;
- D. Identify the first person(s) to suggest the invention, state the date the invention was first suggested, and identify the person(s) to whom the invention was suggested;

1	E.	Identify all persons to whom the invention was		
2		disclosed prior to May 27, 1969 and the date and		
3		place of each such disclosure;		
4	F.	Identify all persons who had knowledge of the		
5		invention prior to May 27, 1969 and the date each		
6		such person learned of the invention;		
7	G.	Identify all prototypes, laboratory models, bread-		
8		board circuits and other physical embodiments of the		
9		invention made prior to May 27, 1969, including the		
10		following:		
11		(1) A concise description of each;		
12		(2) The date(s) each was made;		
13		(3) The person(s) who constructed each;		
14		(4) All persons having access to each prior to		
15		May 27, 1969; and		
16		(5) The present location and condition of each.		
17	н.	Identify all persons not otherwise identified in		
18		response to this interrogatory who have knowledge of		
19		the subject matter of any of Parts A through G of		
20		this interrogatory, and indicate the subject matter		
21		of which each such person has knowledge; and		
22	I.	Identify all documents which refer or relate in any		
23		way to the subject matter of this interrogatory.		
24		*		
25	INTERROGATORY	NO. 151		
26	With	regard to the invention of means for determining a		
27	second coincidence between a third symbol and the second symbol, as			
28	claimed in Claim 61 of United States Letters Patent Re. 28,507:			

Page 33 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

What is the earliest date for each of the following: Actual reduction to practice; and Diligence toward reduction to practice; Describe in detail the events which constitute the conception, reduction to practice and diligence on which the dates set forth in response to Parts A(1)-A(3) of this interrogatory are based; Identify all persons who participated in each of the events described in response to Part B of this interrogatory, including the role of each such Identify the first person(s) to suggest the invention, state the date the invention was first suggested, and identify the person(s) to whom the invention was Identify all persons to whom the invention was disclosed prior to May 27, 1969 and the date and place of each such disclosure; Identify all persons who had knowledge of the invention prior to May 27, 1969 and the date each such person learned of the invention; Identify all prototypes, laboratory models, breadboard circuits and other physical embodiments of the invention made prior to May 27, 1969, including the

(1)

1

A concise description of each;

(2) Actual reduction to practice; and Diligence toward reduction to practice; Describe in detail the events which constitute the conception, reduction to practice and diligence on which the dates set forth in response to Parts A(1)-A(3) of this interrogatory are based; Page 35 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

C. Identify all persons who participated in each of the events described in response to Part B of this interrogatory, including the role of each such person;

- D. Identify the first person(s) to suggest the invention, state the date the invention was first suggested, and identify the person(s) to whom the invention was suggested;
- E. Identify all persons to whom the invention was disclosed prior to May 27, 1969 and the date and place of each such disclosure;
- F. Identify all persons who had knowledge of the invention prior to May 27, 1969 and the date each such person learned of the invention;
- G. Identify all prototypes, laboratory models, breadboard circuits and other physical embodiments of the invention made prior to May 27, 1969, including the following:
  - (1) A concise description of each;
  - (2) The date(s) each was made;
  - (3) The person(s) who constructed each;
  - (4) All persons having access to each prior to May 27, 1969; and
  - (5) The present location and condition of each.

TO PLAINTIFFS (NOS. 126-182)

- H. Identify all persons not otherwise identified in response to this interrogatory who have knowledge of the subject matter of any of Parts A through G of this interrogatory, and indicate the subject matter of which each such person has knowledge; and
- I. Identify all documents which refer or relate in any way to the subject matter of this interrogatory.

#### INTERROGATORY NO. 153

With reference to plaintiffs' response to Part B of INTERROGATORY NO. 75 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS, identify the subject matter which plaintiffs contend is inadequately disclosed in the Decus publication, and indicate what additional disclosure, if any, plaintiffs contend would be necessary to constitute prior art.

#### INTERROGATORY NO. 154

Identify each of the certain games known as "Spacewar" which plaintiffs have acknowledged at Massachusetts Institute of Technology in the early 1960's in response to Part C of INTERROGATORY NO. 75 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS, including the following:

- A. A description of the game;
- B. The date(s) when each such game was played;
- C. State when and under what circumstances Magnavox and/or Sanders first became aware of each such game;

27 ///

28 ///

- D. Identify all personnel of Magnavox and/or Sanders having knowledge of each such game and the date(s) each such person acquired such knowledge; and
- E. Identify all documents in the possession, custody or control of Magnavox and/or Sanders which refer or relate in any way to each such game.

#### INTERROGATORY NO. 155

Identify all information, including documents, in the possession, custody or control of Magnavox and/or Sanders regarding the battling spaceship game which James T. Williams observed being played on a PDP-1 computer at Stanford University in the 1960's.

#### INTERROGATORY NO. 156

Referring to plaintiffs' response to Part D of
INTERROGATORY NO. 75 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO
PLAINTIFFS, what information in addition to that set forth in
response to INTERROGATORY NO. 155 do plaintiffs deem necessary in
order to determine whether the battling spaceship game which James
T. Williams observed at Stanford University constitutes prior art.

#### INTERROGATORY NO. 157

Referring to plaintiffs' response to Part D of
INTERROGATORY NO. 75 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO
PLAINTIFFS, what information in addition to that set forth in
response to INTERROGATORY NO. 155 do plaintiffs deem necessary in
///

Page 38 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

order to determine whether the battling spaceship game which James T. Williams observed at Stanford University should be considered as prior art. 3 4 5 INTERROGATORY NO. 158 Referring to plaintiffs' response to INTERROGATORY NO. 76 6 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS, identify 7 any additional information which plaintiffs hope to obtain by way of discovery in order to enable them to respond to INTERROGATORY NO. 76. 10 11 12 INTERROGATORY NO. 159 What do plaintiffs contend constitutes a "hitting symbol" 13 in the context of Claims 25, 26, 51 and 52 of United States Letters 14 Patent Re. 28,507? 15 16 17 INTERROGATORY NO. 160 18 What do plaintiffs contend constitutes a "hit symbol" in 19 the context of Claims 25, 26, 51 and 52 of United States Letters Patent Re. 28,507? 20 21 INTERROGATORY NO. 161 22 What do plaintiffs contend constitutes a "hitting spot" 23 in the context of Claims 44 and 45 of United States Letters Patent 24 Re. 28,507? 25 111 26 27 111

Page 39 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

111

28

#### INTERROGATORY NO. 162

What do plaintiffs contend constitutes a "hit spot" in the context of Claims 44 and 45 of United States Letters Patent Re. 28,507?

#### INTERROGATORY NO. 163

Identify all foreign patents and patent applications corresponding to U.S. Patent 3,728,480.

#### INTERROGATORY NO. 164

For each of the foreign patents and patent applications identified in response to INTERROGATORY NO. 163:

- A. Identify all persons who have participated in any way in the preparation, filing, examination, or prosecution of each application, including the role of such person in connection with the application;
- B. Identify all references or other prior art cited in connection with each application;
- C. Identify all communications relating to the application; and
- D. Identify all documents which refer or relate in any way to the application.

#### INTERROGATORY NO. 165

Do Magnavox and Sanders contend that there is any difference between the apparatus defined by Claim 60 of United States Letters Patent Re. 28,507 and the apparatus disclosed in the Decus publication identified in INTERROGATORY NO. 74 of DEFENDANT'S Page 40 - DEFENDANT'S SECOND SET OF INTERROGATORIES

TO PLAINTIFFS (NOS. 126-182)

tion of a television receiver for another type of cathode ray tube display?

4

5

6

3

#### INTERROGATORY NO. 166

7

8 believed to exist.

9

#### INTERROGATORY NO. 167

11

10

difference between the apparatus defined by Claim 61 of United

States Letters Patent Re. 28,507 and the apparatus disclosed in the

14

FIRST SET OF INTERROGATORIES TO PLAINTIFFS other than the substitu-

Decus publication identified in INTERROGATORY NO. 74 of DEFENDANT'S

FIRST SET OF INTERROGATORIES TO PLAINTIFFS other than the substitu-

If the answer to INTERROGATORY NO. 165 is other than an

unqualified negative, set forth in detail any additional differences

Do Magnavox and Sanders contend that there is any

16

15

tion of a television receiver for another type of cathode ray tube

17

display?

18

#### INTERROGATORY NO. 168

20

21

19

unqualified negative, set forth in detail any additional differences

If the answer to INTERROGATORY NO. 167 is other than an

22

\_\_

2324

#### INTERROGATORY NO. 169

believed to exist.

25

Referring to plaintiffs' response to Parts C(3) and C(4)

26

of INTERROGATORY NO. 100 of DEFENDANT'S FIRST SET OF INTERROGATORIES
TO PLAINTIFFS, set forth in detail the background to the reissue

28

///

27

Page 41 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

5

6

7

8

10

11

## 12

13

14 15

16

17

18

19

20 21

22

23

#### 24

25

26

27

28

111

Page 42 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

application about which the conversation with the Examiner centered, including a complete narrative of what was said about the background by each party to the conversation.

#### INTERROGATORY NO. 170

Referring to plaintiffs' response to Parts C(3) and C(4) of INTERROGATORY NO. 100 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS, state the objects to be achieved by the reissue application, and state what was said by each party to the conversation with regard to each of these objects.

## INTERROGATORY NO. 171

Was any written record ever made of the discussion which Richard I. Seligman and James T. Williams had with Examiner David L. Trafton about April 23, 1974 and referenced in plaintiffs' response to Parts B and C of INTERROGATORY NO. 100 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS?

#### INTERROGATORY NO. 172

If the response to INTERROGATORY NO. 171 is other than an unqualified negative, identify the written record and the person(s) making the same.

#### INTERROGATORY NO. 173

Identify any prior art other than the references cited on the face of United States Letters Patent Re. 28,507 which was considered by Magnagox and/or Sanders during the prosecution of the application leading to that patent and which was determined not to be material to the examination of the application.

3

1

### INTERROGATORY NO. 174

5

For each item of prior art identified in response to INTERROGATORY NO. 173, identify the following:

7

6

A. All persons who considered such prior art;

8

B. The person(s) who determined that the prior art was not material to the examination of the application;

9

10

C. State in detail the basis upon which the prior art

11

was determined not to be material; and

12 13 D. Identify all documents which refer or relate in any way to the consideration of the prior art and/or the

Referring to plaintiffs' response to INTERROGATORY NO. 101

determination that it was not material.

15

14

#### INTERROGATORY NO. 175

17

16

18 of DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS, identify

19

the nine times plaintiffs contend the applications for United

20

States Patent 3,728,480 were cited in the application for United

21 States Letters Patent Re. 28,507.

the filing of the present suit?

22

23

#### INTERROGATORY NO. 176

24

Which, if any, of the games described in the Activision

25

26

catalog attached as Exhibit A to DEFENDANT'S FIRST SET OF

27

INTERROGATORIES TO PLAINTIFFS were examined by plaintiffs prior to

28

111

Page 43 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

#### INTERROGATORY NO. 177

Which, if any, of the games described in the Activision catalog attached as Exhibit A to DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS have been examined by plaintiffs since the present suit was filed?

#### INTERROGATORY NO. 178

Which, if any, of the games described in the Activision catalog attached as Exhibit A to DEFENDANT'S FIRST SET OF INTERROGATORIES TO PLAINTIFFS have never been examined by plaintiffs?

#### INTERROGATORY NO. 179

Identify all persons who participated in the examination(s) of each of the games identified in response to INTERROGATORIES NOS. 176 and 177.

#### INTERROGATORY NO. 180

Identify all documents which refer or relate in any way to the examination(s) of each of the games identified in response to INTERROGATORIES NOS. 176 and 177.

#### INTERROGATORY NO. 181

Identify each person who supplied any information for the responses to the foregoing interrogatories, and as to each such person, identify by number those interrogatories for which he/she supplied information.

28 ///

Page 44 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

## INTERROGATORY NO. 182 Identify each document not otherwise identified in the response to the foregoing interrogatories which was relied upon in the preparation of said responses. FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT Date: March 16, 1983 Attorneys for Defendant

Page 45 - DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS (NOS. 126-182)

#### CERTIFICATE OF SERVICE

I hereby certify that the foregoing DEFENDANT'S SECOND SET OF INTERROGATORIES TO PLAINTIFFS is being served upon plaintiffs by delivering a copy of the same to

Jerome C. Dougherty, Esq. Pillsbury, Madison & Sutro 225 Bush Street San Francisco, California

and by mailing a copy of the same by Express Mail, postage prepaid, to

Neuman, Williams, Anderson & Olson Theodore W. Anderson, Esq. James T. Williams, Esq. 77 West Washington Street Chicago, IL 60602

this 16th day of March, 1983.

Edward S. Wright

One of the Attorneys for Defendant