

The Team That Pioneered Video Technology

FEATURES

- STRIKING Attract Mode
 Ball Serves Automatically
- Realistic Sounds of Ball
 Bouncing, Striking Paddle
- Simple to Operate Controls
 ALL SOLID STATE TV and
 Components for Long.
- Components for Long,
 Rugged Life
 ONE YEAR COMPUTER
- Proven HIGH PROFITS
- Low Key Cabinet, Suitable
- for Sophisticated Locations
- 25¢ per play

THIS GAME IS AVAILABLE FROM YOUR LOCAL DISTRIBUTOR

Manufactured by ATARI, INC. 2962 SCOTT BLVO. BANTA CLARA, CA. 95050 Maximum Dimensions: WIDTH -RE" HEIGHT - 50" DEPTH - 24 SHIPPING WEIGHT! 150 Lb.



Pone

 Attari co-founders Ted Dabney and Nolan Bushnell, CFO Fred Marincic, and engineer Alian Alcorn

▼ An original PONG cabinet

Buthoril looped fits, but Nitting's permy-pitching weyen might hew hardings of the genes a uscess, while also might hew hardings of the genes a uscess, while also fit filling with the pitching of the pit

A lucrative development contact with the Chicago coin company flatly would give them the money to hit or that engineer, Allan Alzorn. Alzorn, who had vecked with the pattern engineer, Allan Alzorn. Alzorn, who had vecked with the pattern engineer, Allan Alzorn. Alzorn, who had vecked with the pattern engineer, Allan Alzorn. Alzorn, who had vecked with the pattern when he was wood down by Bushnett, excelled to work on something officers. He said," did it because I was young, unmarried, and recibies—what the hell. If signed trid cave in a vere or two annown and to go back to Ampelse."

Contracted to provide them with both a pithed gene and varieto gene. Alcon wedverpol with source destripting be called PORO, the new derroug gene begin the as a weemce project for Action. When sold on selection state the third project port of the project of the project port of project port of the project port of project port of project port of the project. The second project port of project port of the project port of game's on-screen paddle to simplify the controls made the game engaging enough for a typical workeday crowd, in a way that the physics-heavy Computer Space wann't.

The team set up their prototype unit at a local dive called Andy Capp's, and soon bar owner Bill Gattis called Alcom at Atari when the machine stopped working. basically because of overplaying-the malfunction was its popularity! Famously, Alcorn once discovered that the PONG machine seized up because its coin mechanism was overflowing with quarters.* The team went on to build twelve additional full-size units-ten to put in locations for further testing, one for Bally, and another to keep in their office. The earnings at each of the locations were so outstanding that it was actually a problem for Bally, because they simply did not believe the quoted figures. Those at Bally were deeply skeptical of the numbers, which were far too high based on their experience-and this was after Dabney had already fudged the numbers lower!

Exercisity, Atter decided to manufacture the units bitmiselves, and in lovember 1972, they released APONE to the world. The games were on to be a beststeller for Atter and led to an explosion of acrade video games when initiations quickly impred on board. Atter would have to invovere to continue its success, both their first its product that prove with there might be a trippin fature to rook-operated video games. Things began moving quickly after that, as the small group, the second production of the second production of the tall initiated follow-ups like PONE Coubles and Caucitorium; but the related follow-ups like PONE Coubles and Caucitorium; but we are of 1974. A late to dot 512. The late are not 1974. A late to dot 512. The late we will be read of 1974. A late to dot 512. The late the read of 1974. A late to dot 512. The late when you will be the production of produ





Industrial designer Barney Huang laid out the team's general thinking on creating unique physical, arcade experiences: "When we did arcade cabinets, we asked, How do you make two dimensions interesting? What if we create 3-D vacuformed dimensional parts?" We had to keep coming up with something new. But in the end it was all about the quality of the software."

 A Arcade cabinet design concepts were used to work through design challenges as well as promote new visual concepts
 Designer Ken Hats

FLYERS

ARCADE FLYERS WERE the standard tool of the trade to promote sales of arcade games. Atar's flyers were powerful representations—not roly of the games, but also the overall game experience. While nothing could replace gameplay demonstrations or gorgeous side art, hyper played an important role in the sales process.



















CLIFF SPOHN



BORN AND RAISED in Oregon, Cliff Spohn was constaintly drawing from an early age, stotching through his teenage years—hot rode, airplanes, girls, and Mod Magazine characters. He received his BA in illustration and graphic design from San Jose State Cotlege in 1973.

In 1976, Spohn chanced upon the attwerk that would staff the trajectory of this ceneer "I saw the art of Devid Grove in a gatery window in land Frankciec." In we supplied. If saw how loose it was and how you could see the peacil lines. I know this was the developing liverage to go, it flower this was the developing liverage to go, it flower that was the met fifty cards on how to out how to get that kind of wesh and type of secture."

"From that point on, I never stopped working. This was a very popular style at the time and I had to teach myself how to do it. It lent itself to editorial and advertising work as

In 1977, Spohn began working as a freelancer for Atari through the Palo Altobased agency, Steven Jacobs Design, and then eventually on his own. The work was more of what I wented to do, and Steve art directed me all title bit," Spoin said. After the initial creation of artwork for all-See Bottle and Combot. Spoint went on to create the art for marry of the other initial 2600 I ausn't hitles, and nearly 20 other game, defining the libitation style for Again's

home consoles

Fellow itustrator Steve Hendricks explained about Spohn, "He was as loon around here. He came up with he look. Our task was to emulate what Cliff was doing, and Cliff was amenable to giving us trade secrets, but the way he did it was the www.Mati acakaginin needed to look."

Spoth's work stands on not just for its quality can't and execution, but also for its storing design sense. Proverful compositions and effective use of mentinga allowed his work to transcend flattand into three dimensions. "To me, designing its standing on one food," he mused." I always want to level the viewer off, or he will be supposed to the province of the heady. "Ne described the sectionize on his Abat work as "an't pointing, "where "It's really the opposite of pointing, because you lay in a

AIR-SEA BATTLE - BACKGAMMON - BASKETBALL - BOWILING - BRAIN GAMES - BREAKOUT - CHAMPIONSHIP SOCCER
CODEBREAKER - COMBAT - FOOTBALL - HOMERUN - HUMAN CANNONBALL - INDY 500 - MINIATURE GOLF - STAR SHIP
SUPER BREAKOUT - SURROUND - WIDEO CHESS - VIDEO CLYMPICS - WIZARD

TO ME, DESIGNING IS STANDING ON ONE FOOT. I ALWAYS WANT TO KEEP THE VIEWER OFF-BALANCE, MOVING, WITH ASYMMETRICAL IMAGERY, ON THE EDGE."

➤ Spohn's Illustration for an early Apple Computer manual. His artwork was personally commissioned by Apple co-founder Steve Jobs. -CLIFF SPOHN

wash, then use a bristled brush to pull off some of the color, then sprey fix it so you don't pull off all the paint. But in the end, it's all about the composition, and that's the way five always approached everything."

Spoin was heavily influenced by lilutarized posed Grows, but his orderenced posed-field book oversit and influenced posed-field book oversit and influenced posed-field book oversit and silver and the posed grown of the posed grown of the posed grown of carefully and in emission and the posed grown of careful part of some Ander emisployee Slowe Jobs Tata company of certains, was Applic Completed Trainscription, and Jobs Sieved the settlet work—her was not job Sieved the settlet work—her was her had Spothor increased as his Spothor trainscript, and Jobs Sieved the settlet work had Spothor in the post to set of post to the Spothor than post, both size of the law Spothor than post, both size of the law Spothor than post of the Spothor than Spothor than

Atari art director and illustrator James Kelly presed Spohn: "He was a fabulous illustrator and had a nice, relaxed, editorial way of coming up with images. I saw his work on TV Gulde and Time magazine covers—really notable places, where you'd see the country's top illustrators."

Spohn eventually moved on from Atari as the company brought more and more of its illustration work in-house. With no shortage of clients, Spohn continued on for decades as a freelance illustrator for a variety of componies, including Delta, Coca-Cole, Starbucks, NFL, and many others. His current personal work delives more deeply into abstract expressionism.



ASTEROIDS

Asteroids was Afer's fort big arched hit, to it only seemed returned that a known console varieties mouth fifther three in resultments of the 2000 to record with very extreme price of the accessing must be covered stays true to the garmetry of the outplant. The same not-belanting action of the outplant shaped out well on all subsequent All and intermediate and was represented by the control of the arthesis who deplote the game in its strategies. The \$2000 version of the game was created but now released because of challenges in adapting but the yellow made and purchase. Assigned but the best and consider was also in the works to increme





A F Cover art and color study for Asteroids (5200) Artist: Terry Hoff

▼ Unused cover art for Asteroids (5200)





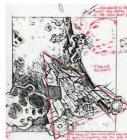
111

TERRY HOFF

My idea was to view it from the first person perspective, and you could almost see a reflection of yourself in the cockpit canopy. The model was my friend, and I had the action going on around his head, almost like virtual space."

> ➤ Cover art for Asteroids (2600) Artist: Chris Kenyon









A Promo art for Asteroids Deluxe (Arcade) Artist: Marty Viljamea





▲ Cover art for Cent/pede (2600) Artist: Burrell Dickey

CENTIPEDE

The original version of Centipede was noteworthy for being the first arcade game designed by a woman, and Atari took full advantage of that PR surrounding the popular game. Programmer Dona Bailey actually co-created the game with colleague Ed Logg, and the 2600 version faithfully recreates the frenetic gameplay of the original, if not its slick graphics. Attail produced even more accurate versions of the game on its other early consoles, ensuring that no multi-legged arthropods are safe.





YARS' REVENGE

One of the most enduring and successful original games for the Atari 2600. Yors' Revenge was the first game by Howard Scott Warshaw. Originally conceived as a conversion of the popular arcade game Star Costle, Warshaw believed he couldn't do that title justice, and decided to create his own game using basic elements drawn from Stor Costle. The name of the game is even a reference to then-CEO Ray Kassar--Ray spelled backwards to read Yar. Warshaw developed a detailed backstory for the game that ended up as part of an exclusive pack-in Yars' Revenge comic book.









A Cover art for Yors' Revenge (2600) Artist: Hiro Kirrura

Yars' Revenge turned out to be my very first package illustration assignment after having done a couple of manual illustrations. I got the basic concept of the Yar, not as a gigantic fly, but as a chrome-plated insect shooting spitballs. It was my first attempt rendering chrome surface and I recall struggling mightily with it. Perhaps the biggest reason for it was that I used airbrush almost exclusively for the very first time, a tool I still wasn't skilled at then."

HIRO KIMURA

▼ The original CX90 model joysticks are distinguished from later models by the small "Atari" badge on the stick, and the lack of the word "TOP" at the front of the crange compass rose graphic, which was added later



ONE BUTTON DREAMS

NO DISCUSSION OF the Atari 2600 would be complete without a mention of the iconic input device, the one-button joystick. Officially designated with product numbers CX10 and CX40, the joystick was originally created for another purpose altogether. While development on the 2600 continued. Atari was busy promoting its line of dedicated consoles to succeed Home PONG-like Super PONG, Super PONG 10, PONG Doubles, and others. At the 1977 Summer CES, Atari announced a new standalone game unit, Called Tonk III. the console was designed with a military look by industrial designer Kevin McKinsey. It played a hard-wired version of the head-to-head army battle arcade game, Tank. Ostensibly planned as one of Atari's more elaborate standalone units. Tank II was to be released first through Sears, then later with Atari branding. However, the console's production was canceled late in 1977.24 But a crucial part of McKinsey's design would see another life. The modular joysticks specifically made to fit into the squared housing of Tank II would finally be released as the iconic Atari 2600 joysticks.

When asked about the joysticis, McKinsey said, "I was always embarrassed—it wasn't the easiest controller to hold in your hand, with angular edges and kind of square. But it was designed to next in that Toroit game. It ended up as a standarbore throp, to didn't go with ampting dee for the 2600 (visually, really, Intillay; they were going to be hard wired, but throught if I garbe non untillicite, the people could play simultaneously. I fried to make the bod took no-nonsense and military. The out years of put all bod on it was because it holded this committing that might be on a stark—to keep out data, diff, and such. That compass one was only laisy holdstamped in yellow, but by the time it got into production, to cuit costs this wave non-referees drove.

While McKinsey appreciates the now-iconic status of his joystick design, he see sixed feelings. "If I were going to design an XY controller, it wouldn't look like what I designed. It wasn't very ergonomic. If I knew it was going to self that many, I would have designed it easier to hold. But it stayed the same, right down to how it actuated on the inside:

Even thought in generally absent on modern consumer descriptions, supplies the trace splayed all pay in this design of Alast products, and the 2000 controllers and console were consupplies. The Selb controllers and console were products and the selb consolers and the selb is an exist based process where you photo act in the selb that are selb absent process where you photo act in the selb make the most his consoler of offerent selbent, and it sells done body—with our panels, treatives, get affilt levers. I would sell act a time selb and thought would work. The advirage is that selben based and of selbent in the most, the week first me with the selbent pole of this sell had got the most the selbent pole of this sell had got the most the sell pole of this sell had got be formed.

Though the 2000 is nearly forty years out, it still persists in the popular imagination, and he make all attrict presents on generations of visited genes from Thompson admitted. The season that years present below many about how less that is supprised below many about how less that is supprised by the season that years that years a fine of the season that years and the year shought here this, and though year hough the season that years and the first season through the season that years are for the years that not call deceloring from these shings to he so sheep is so concess. That is no gratifying in think we war all presty gratifies about getting our products of un-during to the sheet shows, and sweep the succlimated around year to the sheet shows, and sweep the succlimated around year the country of the sheet shows, and sweep the succlimated around year.

