	09-09-1999			
FURIAL FUEL FUEL FUEL FUEL FUEL FUEL FUEL FUE	U.S. Department of Commerce Patent and Trademark Office PATENT			
9/3/77	101139029 <u> </u>			
	DATION FORM COVER SHEET			
PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).				
Submission Type	Conveyance Type			
X New	X Assignment Security Agreement			
Resubmission (Non-Recordation) Document ID#	License Change of Name			
Correction of PTO Error Reel # Frame #	Merger Other			
Corrective Document Reel # Frame #	U.S. Government (For Use ONLY by U.S. Government Agencies)			
Conveying Party(ies)	Departmental File Secret File Mark if additional names of conveying parties attached Execution Date			
Name (line 1) Douglas Frank Shepherd	Month Day Year			
Name (line 2)	Europhics Bak			
Second Party Name (line 1)	Execution Date Month Day Year			
Name (line 2)				
Receiving Party	Mark if additional names of receiving parties attached			
Name (line 1) Mad Catz, Inc.	If document to be recorded is an assignment and the			
Name (line 2)	receiving party is not domiciled in the United States, an appointment			
Address (line 1) 11487 Woodside Avenue	of a domestic representative is attached. (Designation must be a			
Address (line 2)	separate document from Assignment.)			
Address (line 3) Santee	California 92071			
Domestic Representative Name and Ac	Address Enter for the first Receiving Party only.			
Name				
Address (line 1)	· · · · · · · · · · · · · · · · · · ·			
Address (line 2)				
Address (line 3)				
Address (line 4)				
01 FC:581 40.00 DP	FOR OFFICE USE ONLY			
gathering the data needed to complete the Cover Sheet. Send comments re D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Information Collection Budget Package 0651-0027, Patent and Trademark A Mail documents to be recorde	average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and a regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, of Management and Budget, Paperwork Reduction Project (0451-0027), Washington, D.C. 20503. See OMB & Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS. ded with required cover sheet(s) information to: rademarks, Box Assignments, Washington, D.C. 20231			

FORM PTO-1619B Expires,06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address	Area Code and Telephone Number	(619) 699-2585	
Name Peter K. Hahn, Esq.			
Address (line 1) Luce, Forward, Hamilton & Scripps LLP			
Address (line 2) 600 West Broadway			
Address (line 3) Suite 2600	· · · · · · · · · · · · · · · · · · ·		
Address (line 4) San Diego, California	92101		
Pages Enter the total number of paging including any attachments.	ges of the attached conveyance docu	ment # 2.	
Application Number(s) or Patent Num		additional numbers attached	
Enter either the Patent Application Number or the P		• • •	
Patent Application Number(s) 09309333		nt Number(s)	
If this document is being filed together with a <u>new</u> Pater signed by the first named executing inventor.	Application, enter the date the patent applicat	ion was Month Day Year	
Patent Cooperation Treaty (PCT)	РСТ РСТ		
Enter PCT application number only if a U.S. Application Number			
has not been assigned.			
Number of Properties Enter the tot	al number of properties involved.	# 1	
Fee Amount Fee Amount f	or Properties Listed (37 CFR 3.41):	40.00	
Method of Payment: Enclo Deposit Account	sed X Deposit Account		
(Enter for payment by deposit account or if addi	tional fees can be charged to the account.) eposit Account Number:	# 50-0683	
	uthorization to charge additional fees:	Yes X No	
Statement and Signature			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.			
	PN-		
Peter K. Hahn, Esq. Name of Person Signing	Signature	September 3, 1999 Date	
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	

1

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, THE RECEIPT AND SUFFICIENCY OF WHICH IS HEREBY ACKNOWLEDGED, I, DOUGLAS FRANK SHEPHERD, residing at 651 Dewane Drive, El Cajon, California 92020, hereby sell, assign, transfer and convey unto MAD CATZ, INC., located at 11487 Woodside Avenue, Santee, California 92071 (hereinafter referred to as the "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest, for all countries. in and to certain inventions relating to:

SYSTEM FOR ADJUSTING THE RESPONSE CHARACTERISTIC OF AN **ELECTRONIC GAME INPUT DEVICE**

Inventors: Thomas John ROBERTS and Douglas Frank SHEPHERD

AND as described, and/or claimed in an application for Letters Patent of the United States, executed by me on 8-2-99 , and bearing U.S. Patent Application Serial No. 09/309,333, and a filing date of May 11, 1999, (Assignor hereby authorizes Assignee to insert the Serial Number upon receipt from the USPTO), and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patents which may be filed, and all Letters Patent which may be granted, upon said inventions in any countries foreign to the United States, and all reissues, renewals and extensions thereof.

AND I hereby authorize and request the Commissioner of Patents of the United States, and all officials of countries foreign to the United States having authority to do so, to issue all Letters Patent upon said inventions to the Assignee, its successors, assigns or legal representatives or to such nominees as it may designate.

AND I, authorize and empower said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim, for any application for patent or form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

AND I, hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like documents which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND I hereby covenant that I have full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee, its successors, assigns and legal representatives, all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and in general perform all lawful acts necessary or proper to aid said assignee, its successors, assigns and legal representatives or nominees in obtaining, maintaining and enforcing lawful patent protection for said inventions, in any and all countries.

Signed at ______ II:00 q.m. @ Santee (A, this 2 day of June, 1999.

Ports t. Heplerd DUGLAS FRANK SHEPHERD, Assign

ALL-PURPOSE ACKNOWLEDGMENT

STATE OF CALIFORNIA)	CAPACITY CLAIMED BY SIGNER	
COUNTY OF SAN DIEGO)	 INDIVIDUAL(S) CORPORATE 	
On/44445-2,1991 before me,	,	OFFICER(S) Title(s)	
	Name, Title of Officer, e.g., "Jane Doe, Notary Public"	\Box PARTNER(S)	
personally appeared DOUGLAS FRANK SHEP	PHERD Name(s) of Signer(s)	ATTORNEY-IN-FACT TRUSTEE(S) SUBSCRIBING WITNESS	
MICHAEL E. GUERRERO Commission # 1217867	proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their simplements.	GUARDIAN/CONSERVATOR OTHER: SIGNER IS REPRESENTING: Name of Person(s) or Entity(ies)	
San Diego County My Comm. Expires May 1, 2003	his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.		
Witness my hand and official seal.			
Signature of Notary			
ATTENTION NOTARY: Although the information requested below is OPTIONAL, it could prevent fraudulent attachment of this certificate to unauthorized document.			
THIS CERTIFICATE MUST BE ATTACHED			
THE DOCUMENT DESCRIBED AT RIGHT:	Number of Pages: <u>1</u> Date of Do Signer(s) Other Than Named Above:	ocument:	

1**39**0550.1