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Additional name(s) and add essess attached? [1] the: [1] the: [1] the: [1] the: [1] the: [1] the: [2] the: [3] the december Date: Dec. 21, 1998 [4] Application number(s) or patent number(s) [5] If this document is being filed together with a new application, the execution date of the application isDecember 21, 1938 [6] Additional numbers attached? [7] If this document is being filed together with a new application, the execution date of the application isDecember 21, 1938 [7] Additional number of the application isDecember 21, 1938 [8] B. Parent No.(s) [8] B. Parent No.(s) [9] Additional number of application isDecember 21, 1938 [1] Yes [1] Yes [1] Yes [1] Yes [2] This document should be marked: [1] Yes [2] Total number of applications and patents in object: [1] Inclosed [1] Authorized to be charged to deposit account [2] Address: 30 Rockefeller Plaza - 4TS [3] Deposit account number: [4] 124377 [4] 14134 duplicate copy of his page if paying by deposit account of the page of methodology of the page if paying by deposit account of the best of methodology of the foregoing instrumentation is gue and problems and any attached copy is a true copy of the engreal document. [8] Ronald B. Hildreth, PTO#19,498 [8] January 6, 1999	3. Nature of conveyance:		Taiwan, R.O.C.		
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Additional numbers attached? [] Yes [X] No	If this document is being filed together with a ne	w application, the execution	on date of the application is <u>December 21, 1998</u>		
5. Name and address of party to whom correspondence concerning document should be mailed: Name Ronald B. Hildreth BAKI R & BOTTS, L.L.P. BAKI R & BOTTS, L.L.P. [V] Enclosed [Authorized to be charged to deposit account Address: 30 Rockefeller Plaza - 44 Ft (ity: New, York State: NY Zip: 10112) (ity: New, York State: NY Zip: 10112) 1/15, 1399 \$\text{ BigUFEN } 00000197 09225589} DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing instrumentation is greated for and any attached copy is a true copy of the criginal document. Ronald B. Hildreth, PTO#19,498	A. Patent Application No.(s)		B. Patent No.(s)		
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Total number of pages including cover sheet, attachments and document:	Name of Person Signing		Signature Date		

PATENT REEL: 9695 FRAME: 0986

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)
FOR INTERFACING AN EXTERNAL HSP MODEM, A JOYSTICK AND A MIDI INTERFACE
The PATENT RIGHTS referred to in this agreement are:
where $X \in \mathbb{R}$ a patent application for this invention, executed by the ASSIGNOR(S).
concurrently with this assignment.
a U.S. patent application based on PCT international Application
No filed or (date) (U.S. patent aprilication
Serial No, ir known.
U.S. patent Nossued
The PATENT RIGHTS also include all divisions reissues, continuations and extensions of the
materits and patent applications identified above.
The PATENT RIGHTS assigned under this agreement are:
$check\ one)$ $\overline{\mathbf{x}}$ U.S. patent rights only.
Worldwide patent rights. In this case, the assignee shall have the right to
claim the benefit of the filing date of any U.S. or foreign patent ap mication
for this invention.
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures
appear on page 2 of this Assignment and any Supplemental Sheet(s).
The ASSIGNEE referred to in this agreement is:
Name of Assignes) C-MEDIA ELECTRONICS INC.
Address 6F, 100, Sec. 4, CIVIL BOULEVARD, TAIPEI, TAIWAN, R.O.C.
The ASSIGNEE is:
(eseck one) An individual.
A Partnership.
XA Corporation of TAIWAN, R.O.C. (specify state or country)
(other)
The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and
valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights
to the ASSIGNEE, its successors and assigns:
the full and exclusive right to the invention:
the entire right, title and interest in and to the PATENT RIGHTS;
the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applie able provisions.

ased on any earlier patent applications for this invention

PATENT REEL: 9695 FRAME: 0987

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO					
ASSIGNEE: C-MEDIA ELECTRONICS INC.					
INVENITION TITLE, METHOD AND APPARATUS ADAPTABLE TO A STANDARD GAME PORT OF A					

PERSONAL COMPUTER FOR INTERFACING AN EXTERNAL HSP MODEM, A JOYST CAND A MIDI INTERFACI

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEL, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEL, make all rightful outboard generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filling date in this document after it has been excuted.

Chi-Chen, CHENG	雪棚成	Dec. 2 1998
Name of sole or first inventor	Signature	Date
Name of second inventor, if any	Signature	Date
Name of third inventor, if any	Signature	Date
Name of fourth inventor, if any	Signature	Date
Name of fifth inventor, if any	Signature	Date
Name of sixth inventor, if any	Signature	Date
Name of seventh inventor, if any	Signature	Date

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RECORDED: 01/06/1999 REEL: 9695 FRAME: 0988