Stylesheet Version: 1.1.0

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

APPLICATION NUMBER 09/683847

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: Yang, Jenn-Ning

Execution Date: 01/31/2001

Name: Yang, Jenn-Ning

Execution Date: 01/31/2001

Name: Chao, Chi-Mou Execution Date: 01/31/2001

RECEIVING PARTY DATA

Name: Acer Laboratories, Inc.

Street Address: 21F, No.88, Sec.1, Hsin-Tai Wu Rd., Hsichih

Internal Address: Hsichih

City: Taipei Hsien

State:

Country: <u>TAIWAN</u>

Postal Code:

The USPTO, Office of Public Records, will send correspondence

via facsimile to **FAX NUMBER:** +886-2-8923-7390

CORRESPONDENCE DATA:

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CUSTOMER NUMBER: 027765

NAME OF PERSON SIGNING: WINSTON HSU

DATE SIGNED: 02/22/2002

Total Attachments: 2

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PATENT

REEL: 012412 FRAME: 0188

source="ALIP0002ASS2.TIF"

PATENT REEL: 012412 FRAME: 0189

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGN	ORS (Inventors):			
Name:	Tsung-Yueh Shih	Nationality:	R.O.C.	
Address:	4F1., No. 3, Gungyedung 9 th Rd., Hsinchu 300, Taiwan, R.O.C.			
Name:	Jenn-Ning Yang	Nationality:	R.O.C.	
Address:	4Fl., No. 3, Gungyedung 9 th Rd., H	sinchu 300, Taiwan, F	R.O.C.	
Name:	Chi-Mou Chao	Nationality:	R.O.C.	
Address:	4Fl., No. 3, Gungyedung 9 th Rd., H	sinchu 300, Taiwan, F	R.O.C.	
Name:	Nationality:			
Address:				
"Assigned Hsien 22 ASSIGNI	ells, assigns and transfers to e"), of (Assignee address) 1, Taiwan, R.O.C. EE the entire right, title, and interest in the invention entitled:	88, Sec.1, Hsin Tai cessors assigns and l	Wu Rd., Hsichih, Taipe egal representatives of the	
" IMP	ROVED ENCODING METHOD FO	R AN OPTICAL RE	CORDER "	
Which is	found in :			
(a)	U.S. patent application executed on even date herewith			
	U.S. patent application executed of			
(c)	U.S. application serial no.			
(d)	patent no.	issued		

Assignment, Page 1 of 2

PATENT REEL: 012412 FRAME: 0190 and, in and to, all Letters Patent to be obtained for said invention by the above application or ant continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the proposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this $\frac{Z \otimes z/1/3}{}$ (Date of signing).

(Type name of inventor)	Signature of INVENTOR	
Tsung-Yueh Shih	Tsung-Yueh Shih	
Jenn-Ning Yang	Jenn-Wing Yang	
Chi-Mou Chao	Chi-Mon chac	

Assignment, Page 2 of 2

RECORDED: 02/21/2002

PATENT REEL: 012412 FRAME: 0191