FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 06-14-2002 102123574

U.S. Department of Commerce Patent and Trademark Office PATENT

RECORDATION FORM COVER SHEET

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).				
Submission	Tuno	Conveyance Type		
X New	1ype 6-6-02	X Assignment Security Agreement		
Resubmis Documen	ssion (Non-Recordation) t ID#	License Change of Name		
Correction	n of PTO Error Frame #	Merger Other U.S. Government		
	e Document	(For Use ONLY by U.S. Government Agencies)		
Reel#	Frame #	Departmental File Secret File		
Conveying P	arty(ies)	X Mark if additional names of conveying parties attached Execution Date Month Day Year		
Name (line 1)	KAI-CHIANG WU	5/7/2002		
Name (line 2)				
L Second Party		Execution Date Month Day Year		
Name (line 1)	YI-LIANG PENG	5/7/2002		
Name (line 2)				
Receiving Pa	arty	Mark if additional names of receiving parties attached		
Name (line 1)	VATE TECHNOLOGY CO., LT	TD. If document to be recorded is an assignment and the receiving party is not		
Name (line 2)		domiciled in the United States, an appointment of a domestic		
Address (line 1)	No. 9, Li-Hsin Rd. V, S	Science-Based Industrial Park representative is attached. (Designation must be a separate document from		
Address (line 2)		Assignment.)		
Address (line 3)	Hsinchu City	Taiwan, R.O.C. ID162912		
Domestic Re	epresentative Name and Ac	ddress Enter for the first Receiving Party only.		
Name				
Address(line 1)				
Address (line 2)				
Address (line 3)				
Address (line 4)				
11/2002 WASFAW1	00000056 10162915 F	FOR OFFICE USE ONLY		
FC:581	40.00 DP			

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT REEL: 012975 FRAME: 0526

FORM PTO Expires 06/30/99 OMB 0651-0027)-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Correspondent Name and Address Area Code and Telephone Number 410-465-6678					
Name	Morton J. Rosenber	rg			
Address (tine 1)	Rosenberg, Klein & Lee				
Address (line 2)	3458 Ellicott Center Drive. Suite 101				
Address (line 3)	Ellicott City, MD	21043			
Address (line 4)	Address (line 4)				
Pages Enter the total number of pages of the attached conveyance document including any attachments.					
	Number(s) or Patent Nur	···· ليـــا	rk if additional numbers attached		
	he Patent Application Number or the literation	Patent Number (DO NOT ENTER BOTH num Pa	atent Number(s)		
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year 5/7/2002					
Patent Coop	peration Treaty (PCT)				
	er PCT application number	PCT PCT	PCT		
_	<u>rif</u> a U.S. Application Numbe not been assigned.	PCT PCT	PCT		
Number of Properties Enter the total number of properties involved. # 1					
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41): \$ 40.00		
	of Payment: Encl	osed X Deposit Account			
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 18-2011					
		Authorization to charge additional fees			
Statement a	nd 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.					
	Rosenberg	My Journ y. J. or	(01) 100		
Name of Person Signing Signature Date					

PATENT

REEL: 012975 FRAME: 0527

FORM PTO-1619C Expires 08/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Com	
Patent and Trademark C	ffice
PATENT	

Conveying Pa	rty(ies) Mark if additional	names of conveying parties attache	: 2
Enter additional C	onveying Parties	names of conveying parties attache	Execution Cate Month Day Year
Name (line 1)	YA-YUN CHENG		5/7/2002
Name (line 2)			Execution Date
Name (line 1)			Menth Day Year
Name (line 2)			Execution Date
Name (line 1)			Month Day Year
Name (line 2)]
Receiving Par	ty(ies)	k if additional names of receiving pa	rties attached
	eceiving Party(ies)	k ii additional names of receiving pa	ides attached
Name (line 1)			If document to be recorded
Name (line 2)			receiving party is not domiciled in the United Status, an appointment
Address (line 1)			of a domestic representative is attached. (Designation must be a separate
Address (line 2)			document from Assignment)
Address (line 3)	City St	ate/Country Zip	Code
Name (line 1)			If document to be recorded
Name (line 2)			receiving party is not domiciled in the United States, an appointment of a
Address (line 1)			domestic representative is attached. (Designation must be a separate document from
Address (line 2)			Assignment.)
Address (line 3)	City	tate/Country Z	p Code
	ımber(s) or Patent Number(s)	Mark if additional numbers attache	1
	Patent Application Number or the Patent Number (DO		
Pa	ent Application Number(s)	Patent Nu	mber(s)

PATENT

REEL: 012975 FRAME: 0528

ASSIGNMENT DE	ט
This Assignment agreement is applicable to an invention entitled (inv	vention Title)
The PATENT RIGHTS referred to in this agreement are:	ON DIE BIGING TARRESE
(Check one) a Patent Application for this invention, executed by the A	SSIGNOR(s) concurrently with this Assignment
U.S. Patent Application Serial No U.S. Patent No	issued
The PATENT RIGHTS assigned under this agreement are:	
(Check one)	have the right to claim the benefit of the filing date of
any U.S. Patent Application identified above.	that is the right to claim the soliton of the thing date of
The ASSIGNOR(s) referred to in this agreement is (or are): (Full name of first assignor) <u>Kai-Chiang WU</u>	
(Full name of first assignor) <u>Kai-Chiang WU</u> (Address) <u>No. 93, Alley 7, lane 78, Guangfu Rd.</u>	Hsinchu, Taiwan, R.O.C.
(Full name of second assignor, if any) <u>Yi-Liang PENG</u> (Address) <u>No. 14</u> , Alley 1, Lane 22, Huayang St.,	Judung Jen, Hsinchu Hsien, Taiwan,
(Full name of third assigner if any) Vo Vim CUENC	
R.O.C. (Full name of third assignor, if any) (Address) No. 2, Alley 2, Lane 94, Boai St., Hsin	chu, Taiwan, R.O.C.
(Full name of fourth assignor, if any)	
(Address)	
The First ASSIGNEE referred to in this agreement is:	
(Name of Assignee) <u>VATE TECHNOLOGY CO., LTD.</u>	-1 T-1
(Address of Assignee) No. 9, Li-Hsin Rd. V, Science-Bas	ed Industrial Park, Hsinchu,
Taiwan, R.O.C. The Second ASSIGNEE referred to in this agreement is:	
(Name of Assignee)(Address of Assignee)	
The First ASSIGNEE is:	
(Check one) an individual	
□ a partnership ※□ a Corporation of <u>Taiwan</u> , R.O.C.	
A Composition of Latwair, N.O.O. (S	itate or Country)
The Second ASSIGNEE is: (Check one) □ an individual	
a partnership	
a Corporation of	state or Country)
	nate of Country)
 Additional assignees are being named on separ 	ately numbered sheets attached hereto.
The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNE	EE, and other good and valuable consideration, receipt of
which is acknowledged, have and do hereby assign the following to each ASS	
the full and exclusive right to the invention; an equal interest in and to the entire right, title and interest	in and to the PATENT RIGHTS in the invention, all
continuations, continuations-in-part, divisionals, re-issues, a	and re-examination patents and patent applications; and
the right to claim priority under 35 U.S.C. 119, based on an As to all U.S. Patent Applications assigned under this Agreement, the	
Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNE	
entire right, title and interest, for the sole use and enjoyment of said ASSIGNE Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGN	
ASSIGNOR(s) respecting said invention, and testify in any legal proceedings,	
continuation-in-part, substitute, renewal, reexamination and reissue application	
any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful able to aid said ASSIGNEE(s), their successors and assigns, to obtain and en	
100 Loss Chique KAI-CHIANG WU (WU	5/7/2002
(Signature of sole or first assignor) IS FAMILY NAME)	(Date)
	• •
(Signature of second assignor, if any) FAMILY NAME)	5/7/2002 (Date)
0 4	
(Signature of third assignor, if any) IS FAMILY NAME)	5/7/2002 (Date)
(Oignators of this assignor, it diff) to Timing	(200)
(Signature of fourth assignor, if any)	(Date)
(a.g., 2	\ ,

RECORDED: 06/06/2002

PATENT REEL: 012975 FRAME: 0529