FORM PTO-1619A

Expires 06/30/99

OMB 0651-0027

02-26-2004



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

0.01804

## 102677991 RECORDATION 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					
New	☐ Assignment ☐ Sec	urity Agreement			
Resubmission (Non-Recordation) Document ID #	☐ License ☐ Cha	Change of Name			
Correction of PTO Error	☐ Merger ☐ Oth	er			
LJ Reel# Frame #	U.S. Government				
Corrective Document	(For Use ONLY by U.S. Government Agencies)				
Reel # Frame #	Departmental File	Secret File			
Conveying Party(ies)   Mark if additional names of conveying parties attached					
		Execution Date  Month Day Year			
Name (line 1) Cheng-Si Wang		02 16 2004			
Name (line 2)					
Second Party		Execution Date Month Day Year			
Name (line 1)					
Name (line 2)					
Receiving Party	☐ Mark if additional nam	es of receiving parties attached			
Name (line 1) Trans Electric Co., Ltd.		☐ If document to be recorded			
Nome (line 2)		is an assignment and the			
Name (line 2)		receiving party is not domiciled in the United States,			
Address (line 1) No. 765, Sec. 2, Chungsh	Address (line 1) No. 765, Sec. 2, Chungshan Rd. an appointment of a domestic representative is attached.				
		(Designation must be a separate document from			
Address (line 2) Hua Tan Hsiang		Assignment.)			
Address (line 3) Changhua Hsien	Taiwan	R.O.C.			
City	State/Country	Zip Code			
Domestic Representative Name and Address Enter for the first Receiving Party only.					
Name Alan D. Kamrath					
Address (line 1) Rider Bennett, LLP					
Address (line 2) 333 South Seventh Street					
Address (line 3) Suite 2000					
Address (line 4) Minneapolis, MN 55402					
· · · · · · · · · · · · · · · · · · ·					
	FOR OFFICE USE ONLY				

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

1096963-1

luding to the Office of age 40000 HORITHEAN 4005/22/23

PATENT REEL: 015001 FRAME: 0637 40.00 DA

FORM PTO-161 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	612-340-8925				
Name	Alan D. Kamrath, (15745/443)					
Address (line 1)	Rider Bennett, LLP					
Address (line 2)	333 South Seventh Street					
Address (line 3)	Suite 2000					
Address (line 4)	Minneapolis, Minnesota 55402					
Pages	Enter the total number of pages of the attached conveyance including any attachments	document # 4				
If this document is being signed by the first name  Patent Coopera  Enter Poonly if a Number	the Patent Application Number or the Patent Number (DO NOT ENTER BOTH)  Application Number(s)  Pa  g filed together with a new Patent Application, enter the date the patent applicated executing inventor.  Ition Treaty (PCT)  Trapplication number  U.S. Application  as not been assigned.  PCT  PCT  PCT	atent Number(s)				
Number of Properties  Enter the total number of properties involved. # 1						
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41)	: \$ 40				
Method of l Deposit Ac Enter for payr		# 50-1188 Yes ⊠ No □				
	Signature t of my knowledge and belief, the foregoing information is true opy is a true copy of the original document. Charge≼ to deposi					

Signature

1096963-1

Alan D. Kamrath

indicated herein.

Name of Person Signing

PATENT REEL: 015001 FRAME: 0638

February 18, 2004

Date

## **ASSIGNMENT**

•		(1) Cheng-Si WANG	
(1–5) Insert Name(s) of Inventor(s).		(2)	
	(3)		
	(4)	<del></del>	
		(5)	
		In consideration of the sum of one dollar (\$1.00) and of erations paid to each of the undersigned, the undersigned agrassign, transfer and set over to	
(6) In	sert name of Assignee	(6) Trans Electric Co., Ltd. No. 765, Sec. 2, Chungshan Rd., Hua Ta	n Hoiana
(7) In	sert address of Assignee	No. 765, Sec. 2, Chungshan Rd., Hua Tan Hsiang, (7) Changhua Hsien, Taiwan, R.O.C.	
(81 ta	rart (dantification of	(hereinafter designated as the Assignee) the entire right, tit States, its territories, dependencies and possessions, in the investment and any Letters Patent which may be granted therefor,  ANTENNA (8)	vention, and all applications for
(8) Insert Identification of Invention, such as Title, Case Number or Foreign		(0)	Foreign Application or Case No.
Д	oplication Number	for which the undersigned has (have) executed an application of America	for patent in the United States
	sart Date of Signing of opplication	(9) on	
(10)	Alternative identification for filed applications	(10) U.S. application Serial Numberfiled	
Assignment of the Usigne hereitident corda	ional or reissue application and may deem necessary of the undersigned agreeming this application or in obtaining evidence and 3) The undersigned agrees patent to the Assignee.  4) The undersigned agrees the invention and improvings regarding the invention 5) The undersigned here United States resulting from the end of the entinessigned, and that he has 6) The undersigned here iffication which may be not attend to this document.  7) This Assignment shall fit of the heirs, executors, In witness whereof, executors	by authorize(s) and request(s) the Commissioner of Patents to issum said application or any division or divisions or continuing application respectively. The interest, and hereby covenants that he has (they have) full rights (they have) not executed and will not execute, any agreement in copy grant(s) the firm of Rider Bernett, IIP the power to insert eccessary or desirable in order to comply with the rules of the Unit be binding upon my (our) heirs, executors, administrators, and/or administrators, successors and/or assigns of the Assignee.	with such applications as the invention hereby transferred. erence which may be declared the Assignee in every way postain a grant of a valid United facts known to me (us) respecte (us), testify in any legal prote any and all Letters Patents of ications thereof to the said Astato convey the entire interest conflict herewith. on this assignment any further ited States Patent Office for retrassigns, and shall inure to the me(s).
(1)		Name of Inventor way hour	
(2)		Name of Inventor	-
(3)	Date	Name of Inventor	
(4)	Date	Name of Inventor	
<i>15</i> 1	Лат	Name of Inventor	

PATENT
RECORDED: 02/18/2004 REEL: 015001 FRAME: 0639