U.S. PATENT AND TRADEMARK OFFIC

08-16-1999

		k Witcoff, LTI		
	8.11.99 PATENT ASSIGNMENT REC	101118194 _{DOCKET NO. U4036.77855}		
To the Assistant Commissioner of Patents and Trademark, Box Assignments, Washington, D.C. 20231. Please record the attached original documents or copy thereof.				
1.	Name of conveying party(ies):	2. Name and address of receiving party(ies):		
	Aravinda Kar	Name: Accudyne Display and Semiconductor Systems, Inc. Street Address: 1415 Foundation Park Boulevard S. E. City: Palm Bay State: Florida Zip: 32909		
3.	Nature of Conveyance: Assignment			
	Execution Date: June 9, 1999	Additional name(s) & address(es) attached? X No		
4.	Application number(s) or patent number(s):			
	If this document is being filed together with a new application, the execution date of the application is:			
	A. Patent Application Serial No.:	B. Patent No.(s)		
	09/240,056			
Additional numbers attached:Yes _X_No				
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
	Name: Robert S. Katz			
	Internal Address: Banner & Witcoff, Ltd., - 11th Floor	7. Total fees (37 CFR 3.41): \$40.00		
	Street Address: 1001 G Street, N.W.	Enclosed (Charge or credit any difference to deposit		
	City: Washington State: D.C. Zip: 20001-4597	account) Authorized to be charged to deposit account		
		8. Deposit account number: 19-0733		
		(Attach duplicate copy of this page if paying by deposit account)		
	DO NOT USE THIS SPACE			
9.	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.			
Rol	obert S. Katz, Reg. No. 36,402	4 8/11/99		
Name of Person Signing Signature		Date		
Total number of pages including cover sheet, attachments and document: 3				

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ASSIGNMENT

WHEREAS, I, Aravinda Kar residing at 745 South Lake Claire Circle, Oviedo, Florida 32765, have co-invented with Brian L. Hoekstra and Javier A. Pierola certain new and useful improvements in a "METHOD AND APPARATUS FOR SEPARATING NON-METALLIC SUBSTRATES UTILIZING A SUPPLEMENTAL MECHANICAL FORCE APPLICATOR," for which an application for Letters Patent of the United States was filed on January 29, 1999 as U. S. Patent Application No. 09/240,056;

WHEREAS, Accudyne Display and Semiconductor Systems, Inc., a corporation having a place of business at 1415 Foundation Park Boulevard S. E., Palm Bay, Florida 32909 is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and in and to any Letters Patent of the United States or any foreign country which may be granted therefore;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Aravinda Kar assign and transfer unto Accudyne Display and Semiconductor Systems, Inc., its successors, legal representatives, and assigns, my full rights to the invention as described in the application and in and to any Letters Patent of the United States or any foreign country which may be granted therefor;

AND I HEREBY authorize and request the Assistant Commissioner for Patents or any other proper officer or agency of any country to issue all said Letters Patent to said assignee;

AND I HEREBY warrant and covenant that we have full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND I HEREBY agree to communicate to the assignee or its representatives any facts known to us respecting said invention, to execute all divisional, continuation, continuation-in-part, reissue, and foreign applications, sign all lawful documents and make all rightful oaths relating to said invention, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to by the assignee.

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	WHEREOF, I have 1999.	hereumto set my hand and seal this day of
		Arainda Kar Aravinda Kar
		Aravinda Kar
STATE OF FLORIDA)) ss:	
County of)	
storesard bersoneth abbeared	Aravinda Kar, to me ki	1999, before me a Notary Public in and for the county and state nown and known to me to be the person of that name who signed and the same to be his/her free set and deed.
		Notary Public for Florida
		My Commission Expires:
SEAL		AMY M PERRY My Commission CC560362 Expires Jun. 10, 2000