Form PTO -1619A Expires 06/30/99 OMB 0651-0027 RECEIVEDEC 200 JAN -0 DV 10		02-02	02-02-2000 101255826 PATENTS UNLY			U.S. Department of Commerce Patent and Trademark Office PATENT			
		Trademarks: Please	record the atta	iched origin	nal document(s	or co	py(ies	s) .	
Subr	mission Type OPR/FINANCE	Conv	eyance Type	e					
(X)	New	(X)	Assignment	()	Security Agr	eemen	.t		
()	Resubmission (Non-Recordation) Document ID#	()	License	()	Change of N	ame			
		()	Merger	()	Other				
()	Correction of PTO Error Reel # Frame #		U.S. Government						
()	Corrective Document Reel # Frame #		(For Use ONLY by U.S. Government Agencies) () Departmental File () Secret File						
Conv	veying Party(ies) () Mark if ac	lditional names of co	iveying parties	attached					
Nan	ne (line 1) S-VISION				N	Exec Ionth	ution l Day	Date Year	
Nan	ne (line 2)				0	8	16	1999	
Second Party Name (line 1)					ν.	Exec	ution l		
Nan	ne (line 2)								
Rece	eiving Party ()M	ark if additional nam	es of receiving	parties atta	ched				
Nan	ne (line 1) Aurora Systems, Inc.		() If document to be recorded an assignment and the receiving party is not					d the	
	ne (line 2)				9	lomiciled States, an domestic	appoin	tment of a	
	ess (line 1) 60 Daggett Drive				á	attached. must be a	(Design	iation	
	ess (line 2)		CA	0.51		locument	from As	ssignment.)	
Adar	ess (line 3) San Jose,	State	<u>CA</u> e/Country	<u>951</u> Zip (

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.

FOR OFFICE USE ONLY

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

02/01/2000 DNGUYEN 00000229 08901059 01 FC:581 40.00 OP

> PATENT REEL: 010510 FRAME: 0286

Enter for the first Receiving Party only.

Domestic Representative Name and Address

Name
Address (line 1)
Address (line 2)
Address (line 3)
Address (line 4)

FORM PTO-1619B					
Expires 06/30/99	Page 2	2	Patent and Trademark Office		
OMB 0651-0027 Correspondent Name and Address	Area Code and Tel	ephone Number 209-833-882	PATENT		
•		ephone Number <u>203-653-662</u>			
Name <u>Larry E. Henneman, J</u>	<u>r.</u>				
Address (line 1) Henneman & Saunder	<u>s</u>				
Address (line 2) 9 W. 8th Street, Suite 6	<u>500</u>				
Address (line 3) Tracy, CA 95376					
Address (line 4)					
Pages Enter the total number of p	oages of the attached conv	eyance document			
including any attachments.	mhou(s)	() Mowle if a	# <u>1</u> dditional numbers attached		
Application Number(s) or Patent Nu	mber(s)	() Markii a	uditional numbers attached		
Enter either the Patent Application Nun Patent Application Number		(DO NOT ENTER BOTH nu. Paten	mbers for the same property). t Number(s)		
08/901,059					
If this document is being filed together with a <u>new</u> signed by the first named executing inventor.	<u>w</u> Patent Application, enter t	he date the patent application w	as Month Day Year		
Patent Cooperation Treat (PCT)					
Enter PCT application number	PCT	PCT	PCT		
only if a U.S. Application Number	101				
has not been assigned.	PCT	PCT	PCT		
Number of Properties	Enter the total num	nber of properties involved.	#1		
Fee Amount Fo	ee Amount for Properties	Listed (27 CFD 2 41):	\$ 40.00		
Method of Payment:	Enclosed (X)	Deposit Account ()	70.00		
Deposit Account		()			
(Enter for payment by deposit account			ш		
	Deposit Acc	ount Number:	#		
	Authorizati	on to charge additional fees:	Yes () No ()		
Statement and Signature					
To the best of my knowledge and	helief, the foregoing in	formation is true and corre	ct and any		
attached copy is a true copy of the indicated herein.	e original document. C	harges to deposit account a			
	Lang E. Her Signature		12/30/99		
Larry E. Henneman, Jr.	Signatura	M. Laman	Date		
Name of Person Signing	Signature	•	174tt		

11

PATENT REEL: 010510 FRAME: 0287

ASSIGNMENT

For good and valuable consideration, S-VISION, a California corporation, having a place of business at 3850 North First Street, San Jose, CA, has acquired by prior assignment the entire right, title and interest in an invention of Raymond Pinkham entitled:

Replacing Defective Circuit Elements By Column And Row Shifting In A Flat-Panel **Display**

for which United States Patent Application Serial Number 08/901,059 was filed on 7/25/1997, and has acquired the entire right, title, and interest in all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; and has acquired the right to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization.

Now, for good and valuable consideration, receipt of which is hereby acknowledged, and in view of the above premises and effective forthwith, S-VISION hereby sells, assigns and transfers to Aurora Systems, Inc., a California corporation, having a place of business at 1754 Technology Dr., Suite 230, San Jose, CA 95110, its successors and assigns, S-VISION's entire right, title and interest throughout the world in said invention of Raymond Pinkham entitled:

Replacing Defective Circuit Elements By Column And Row Shifting In A Flat-Panel Display

for which United States Patent Application Serial Number 08/901,059 was filed on 7/25/1997, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; authorizes the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization; and agrees to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and requests the Commissioner of Patents and Trademarks to issue all patents granted for said invention to Aurora Systems, Inc., its successors and assigns.

Executed this 16th day of August

By:

Elliot Broadwin, President

PATENT RECORDED: 01/04/2000 ! REEL: 010510 FRAME: 0288