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FORM PTO Expires 06/30/99	-1619A	03-19-1999	30 ,	U.S. Department of Commerce Patent and Trademark Office		
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Name (line 1)	DeNURE, Charles R.			04/23/97		
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PATENT

	5-84,480				
FORM PTC Expires 08/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT			
Correspond	ent Name and Address Area Code and Telephone Number 202	2-586-2810			
Name	Betty Winchester				
Address (line 1)	United States Department of Energy				
Address (line 2)	GC-62, MS 6F-067 (FORSTL)				
Address (line 3)	1000 Independence Avenue, S.W.				
Address (line 4)	Washington, D.C. 20585				
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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).					
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Ente	r PCT application number	PCT			
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Number of Properties Enter the total number of properties involved. # 1					
Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00					
Method of Payment: Enclosed Deposit Account X Deposit Account					
(Enter for	payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 0	1-2752			
	Authorization to charge additional fees: Ye	s X No			
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.					
Bett	y Winchester Muhh	3.4.98			
Name	of Person Signing Signature	Date			

PATENT REEL: 9818 FRAME: 0570

08/775, 684

ASSIGNMENT

SOLE

AP94-108 DOE Case S-84.480

In consideration of One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, I, Charles R. DeNure of Pocatello, Id

hereby sell and assign to WESTINGHOUSE ELECTRIC CORPORATION, a Corporation organized and existing under the laws of the Commonwealth of Pennsylvania, U.S.A., having its principal place of business at Westinghouse Building, Gateway Center, Pittsburgh, Pennsylvania 15222, U.S.A., its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the INVENTION IN "Microscope Collosion protection Apparatus"

invented by me and the application for United States patent therefor, executed on the 6th day of December , 19 96, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subjects-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents and Utility Model Registrations in countries foreign to the United States, and in and to any Letters Patent or Utility Model Registration which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent or Utility Model Registration to the said WESTINGHOUSE ELECTRIC CORPORATION its successors, assigns, nominees or other legal representatives, as assignee of the entire interest, and covenant that I have full right to convey the entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said Corporation, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said invention, whenever requested, and testify in any legal proceeding, sign all lawful papers. execute all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said WESTINGHOUSE ELECTRIC CORPORATION its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, I will, upon request, sign all lawful papers requisite for the filing of such disclaimer, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said Corporation, its successors, assigns, nominees or other legal representatives, either in its or their own name, to apply for, obtain and enforce proper patent and/or Utility Model protection for said improvements in all countries, all without further consideration but at the expense of said WESTINGHOUSE ELECTRIC CORPORATION its successors. assigns, nominees or other legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 23 day of APRIL , 1997.

In the presence of: (2 Witnesses)

Charles R. DeNure

4/23/97

PATENT REEL: 9818 FRAME: 0571

RECORDED: 03/04/1999