

FORM PTO-1595 (Substitute)	U.S. DEPARTMENT OF COMMERCE	
(Pay 8.96) 10154:	3857 Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.		
Name of conveying party(ies):	2. Name and address of receiving party(ies):	
11-16-66 Paul B. Fisher	The Trustees of Columbia University Name in The City Of New York	
Additional name(s) of conveying party(ies) attached?	Street Address: 630 West 168th Street	
Yes No		
3. Nature of Conveyance: Assignment	City/State/Zip: New York, New York 10032	
OtherAugust 30, 2000	Additional name(s) & address(es) attached? Yes No	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is(are):		
A. Patent Application No.(s) 09/644,460 Filed: August 23, 2000	B. Patent No.(s)	
Additional numbers attached? Yes No		
-5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: John P. White, Esq.	7. Total fee (37 CFR §3.41): \$ 40,00	
Internal Address:	☐ Enclosed	
Street Address: Cooper & Dunham LLP 1185 Avenue of the Americas	X Authorized to be charged to deposit account	
City/State/Zip: New York, New York 10036	8. Deposit account number: 03~3125	
DO NOT USE THIS SPACE		
To the best of my knowledge and belief, the foregoing in original document. John P. White, Reg. No. 28,678 Name of Person Signing	ignature Information is true and correct and any attached copy is a true copy of the November 13, 2000 November 13, 2000 Date	
I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. John P. White Reg. No. 28,678 Jane M. Love Reg. No. 42,812	Total Number of pages including cover sheet, attachments and document:3	
OMB No. 0651-0011 (exp. 4/94) Mail documents to be recorded with required cover sheet information to: Mail documents to be recorded with required cover sheet information to:		
Commissioner of Paterial and Commissioner of		
Washington, D.C. 20231		

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged. I, the undersigned, Paul B. Fisher residing at 15 Gordon Place, Scarsdale, New York 10583-1938

Hereby sell, assign and transfer to The Trustees of Columbia University in the City of New York

RECIPROCAL SUBTRACTION DIFFERENTIAL DISPLAY

(U.S. Serial No. 09/644,460 Filed August 23, 2000, a continuation of PCT International Application No. PCT/US99/04323, filed February 26, 1999, claiming priority of U.S. Serial No. 09/032,684, filed February 27, 1998)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignce, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

PATENT REEL: 011304 FRAME: 0970

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested. without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

200 a Paul B. Fisher

Date:__

Witness:

RECORDED: 11/16/2000

PATENT REEL: 011304 FRAME: 0971

[L.S.]