4085-244-27 CIP

## 01-04-2002

FORM PTO-1595 1-31-92

101934339		
To the Honorable Commissioner of Patents and Trademarks. Pleas		
1. Name of conveying party(ies).	2. Name and address of receiving party(ies):	
Brooks EDWARDS, Irena BRONSTEIN and Zhixian WANG	Name: PE CORPORATION (NY)	
DEC 2 8 2001	Address: 47 Wiggins Avenue	
Additional name(s) of conveying party(ies) attached? □Yes ■No	Bedford, MA 01730	
3. Nature of Conveyance: TRADENIA		
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other		
October 31, 2001 and Execution Date: November 1, 2001	Additional name(s) and 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 of the application is:		
A. Patent Application No.(s) 09/945,652	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 applications and patents involved: 1	
Supervisor, Patent Prosecution Services PIPER MARBURY RUDNICK & WOLFE LLP	7. Total fee (37 CFR 3.41): \$40.00  Enclosed	
1200 Nineteenth Street, N.W.	☐ Authorized to be charged to deposit account	
Washington, D.C. 20036-2412 Telephone No. (202) 861-3900	8. Deposit account number: 50-1442CHR	
Facsimile No. (202) 223-2085	(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.		
Christopher W. Raimund	DEC. 28, 2001	
	Signature Date	
Registration Number: 47,258		
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**PATENT REEL: 012409 FRAME: 0678**  Docket No.: 4085-244-27 CIP Page 1 of 2

## **Assignment of Application**

WHEREAS, I (we),
Brooks EDWARDS, 269 Huron Avenue, #6, Cambridge, MA 02138;
Irena BRONSTEIN, 11 Ivanhoe Street, Newton, MA 02458; and
Zhixian WANG, 36 Hemingway Street, Winchester, MA 01890.
, respectively,
have invented certain new and useful improvements in: Heteroaryl Substituted
Benzothiazole Dioxetanes
for which an application for Letters Patent was executed on  October 31, 2001 and November 1, 2001
(Application No. 09/945,652 , Filed September 5, 2001 ); and
WHEREAS, PE CORPORATION (NY)
(hereinafter referred to as "ASSIGNEE"), having a place of business at: 47 Wiggins Avenue
Bedford, MA 01730

is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

PATENT REEL: 012409 FRAME: 0679 I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Piper Marbury Rudnick & Wolfe LLP, Attorneys at Law, 1200 Nineteenth Street, N.W., Washington, D.C. 20036-2412, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: /0/3//0/	Grode Shorte
	(Signature of Inventor) Brooks EDWARDS
Date: 11/1/01	Ivena Browle
	(Signature of Inventor) Irena BRONSTEIN
Date: 10/31/01	This War
	(Signature of Inventor) Zhixian WANG
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)

PIPER MARBURY
RUDNICK & WOLFE LLP
1200 NINETEENTH STREET, N.W.
WASHINGTON, D.C. 20036-2412

PATENT
RECORDED: 12/28/2001 REEL: 012409 FRAME: 0680