01-04-2001

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Attorney Docket No.: 10230-1U1

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To the Assistant Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Blaine Masemore Robert Zarrizski

2. Name and address of receiving party(ies):

Tirenergy Corporation P.O. Box 116 Male Street Wind Gap, PA 18091

3. Nature of conveyance:

Assignment Security Agreement] Merger

] Change of Name

Other:

Execution Date: December 13, 2000

4/137221

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: December 13, 2000

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached?[] Yes [] No

5. Name and address of party to whom correspondence document should be mailed:

LYNDA L. CALDERONE

AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P. One Commerce Square - 2005 Market Street - Suite 2200

Philadelphia, PA 19103 Telephone: (215) 965-1200 Direct Dial: (215) 965-1272 Facsimile: (215) 965-1210

E-Mail: lcalderone@akingump.com

6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41) Cal. $\underline{1}$ x \$40.00 = \$ $\underline{40.00}$

[X] Check enclosed

Authorized to be charged to deposit account

8. Deposit account number: 50-1017

(Billing No.: 210230.0002)

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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. 9. Statement and signature

Lynda L. Calderone Name of Person Signing

Total number of pages including cover sheet, attachments and document: [4]

OMB No. 0651-0011 (exp. 4/94)

01/03/2001 MTHAI1

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PATENT REEL: 011385 FRAME: 0081

Attorney Docket No. 10230-1U1

JOINT

ASSIGNMENT

WHEREAS, we, Blaine Masemore and Robert Zarrizski, respectively citizens of the United States, with respective post office addresses of 3071 Kenwick Circle, Bethlehem, Pennsylvania 18017 and 4485 Memphis Road, Whitehall, Pennsylvania 18052, hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

PROCESS FOR PYROLYZING TIRE SHREDS AND TIRE PYROLYSIS SYSTEMS

for which we have	executed a	United States patent application,	Application No.	, filed
herewith	, and	• • •		

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

WHEREAS, Tirenergy Corporation, a Pennsylvania corporation having a place of business at P.O. Box 116, Male Street, Wind Gap, Pennsylvania 18091, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

-1-

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

12/13/00	Blaine Massagre BLAINE MASEMORE	(Seal)
(Date)	BLAINE MASEMORE	
12/13/00	Robert Jarnicke ROBERT ZARRIZSKI	(Seal)
(Date)	ROBERT ZARRIŽSKI	

STATE OF JANNEYLVANIA :

: SS.

COUNTY OF Nattypnoton

Before me, a notary public in and for the State and County aforesaid, on this <u>13</u> day of <u>DECENSE</u>, 2000, personally appeared **Blaine Masemore**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Notary Public

My Commission Expires:

Notarial Seal
Gordon E. Wilson, Notary Public
Plainfield Twp., Northampton County
My Commission Expires Oct. 29, 2003

Member. Pennsylvania Association of Notaries

STATE OF PENNSYLVANIA: : ss.

COUNTY OF MARTHAMOTOM:

Before me, a notary public in and for the State and County aforesaid, on this <u>Jar</u>day of <u>December</u>, 2000, personally appeared **Robert Zarrizski**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Notary Public

My Commission Expires:

Notarial Seal Gordon E. Wilson, Notary Public Plainfield Twp., Northampton County My Commission Expires Oct. 29, 2003

Member, Pear systema Association of Notaries

RECORDED: 12/14/2000