

05-21-1999



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1 COVER SHEET
ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

MKD 5-5-99

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

1. Name of conveying party(ies):

William I. H. Chen
Edwin Glenn Yancey
Mahlon Danny Kimbrough

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: RELTEC CORPORATION

Internal Address: 5900 Landerbrook Drive

Street Address: Same

City: Cleveland State: Ohio ZIP: 44124

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: April 27, 1999

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: May 5, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09 305 637

Additional numbers attached? Yes No

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

Name: F. Drexel Feeling, Esq.

Internal Address: Jones, Day, Reavis & Pogue

Street Address: North Point

901 Lakeside Avenue

City: Cleveland State: Ohio ZIP: 44114

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account
OVERPAYMENT OR UNDERPAYMENT

8. Deposit account number:

10-1202

(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.

F. Drexel Feeling
Name of Person Signing

F. D. Feeling
Signature

May 5 1999
Date

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

ASSIGNMENT
(Joint)

WHEREAS we, the undersigned, have made new and useful inventions and discoveries in

FOUR QUADRANT POWER CONVERSION TOPOLOGY

for which we have executed on even date herewith an application for Letters Patent of the United States, which application is further identified as Jones, Day, Reavis & Pogue Docket No. 560043610067.

WHEREAS, Reltec Corporation, a corporation of the State of Delaware, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in and to said inventions and discoveries including the patent rights therefor.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we hereby assign and transfer unto assignee, its successors and assigns, all right, title, and interest, in the United States and throughout the world, in and to said inventions and discoveries and all patent applications, patents, patent rights, and inventor's certificates therefor, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues thereof, all right to sue for past infringement thereunder, and all patents which may be granted for said inventions and discoveries by states or nations other than the United States and all applications therefor; we covenant and agree for ourselves and for our executors, administrators, and legal representatives that, at assignee's request, we will execute and deliver any applications, affidavits, assignments, and other instruments as may be deemed necessary or desirable to secure for or vest in assignee, its successors or assigns, all right, title, and interest in and to any application, patent, or other right or property covered by this assignment, including the right to apply for and obtain patents in foreign countries under the provisions of the International Convention; and we hereby request and authorize the United States Commissioner of Patents and Trademarks to issue any and all United States patent granted on any of said applications to assignee as owner of the entire right, title, and interest in and to the same, and appropriately

empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title, and interest in and to the same.

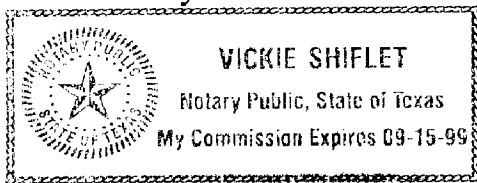
William I. H. Chen
William I. H. Chen

STATE OF TEXAS)
) ss.
COUNTY OF QARANNT)

The above named William I. H. Chen, known to me, appeared before me this 27th day of April, 1999, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Vickie Shiflet
Notary Public

Notary Seal



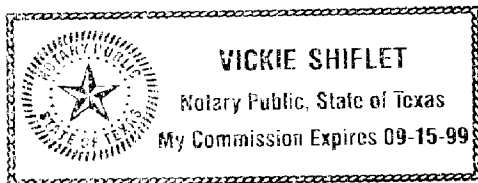
Edwin Glenn Yancey
Edwin Glenn Yancey

STATE OF TEXAS)
) ss.
COUNTY OF QARRANT)

The above named Edwin Glenn Yancey, known to me, appeared before me this 27th day of April, 1999, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Vickie Shiflet
Notary Public

Notary Seal



Mahlon Danny Kimbrough
Mahlon Danny Kimbrough

STATE OF TEXAS)
) ss.
COUNTY OF QARRANT)

The above named Mahlon Danny Kimbrough, known to me, appeared before me this 24th day of April, 1999, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Vickie Shiflet
Notary Public

Notary Seal

