

09-22-2000



101466488

ER SHEET

U.S. DEPARTMENT OF COMMERCE

ILY

9.8.00

Patent and Trademark Office

Tab settings → → → ▼

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

1. Name of conveying party(ies):
Pei Yang Chen Executed February 23, 2000
K.C. Tsai Executed February 28, 2000

Additional names(s) of conveying party(ies) Yes No

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

Name: Pacific Shinfu Technologies, Co., Ltd.

Internal Address: _____

Street Address: 13 Fl. No. 121 Chung Cheng Road
Taoyuan City

City: Taiwan, Rep. of China State: _____ ZIP: _____

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

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: _____

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) _____

B. Patent No.(s) _____

5,800,857

Additional numbers attached? Yes No

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

Name: HOWARD M. PETERS

Internal Address: _____

PETERS, VERNY, JONES & BIKSA, LLP

Street Address: 385 SHERMAN AVENUE, STE. 6

City: PALO ALTO State: CA ZIP: 94306

6. Total number of applications and patents involved: 1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

16-1331

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.

Howard M. Peters (Reg. No. 29,202) *Howard M. Peters* September 8, 2000

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 25 *Hy 9-8-2000*

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. Patent No. 5,800,857

Attorney Docket No. 2927.24-5

2. Name and Address of Party(ies):

Pinnacle Research Institute, Inc.
141-B Albright Way
Los Gatos, CA 95030

Pridtronics, Inc. (a Delaware Corporation)
1655 North Fort Myer Drive, Suite 700
Arlington, VA 22209

As Assignors or Sellers of the ULTRA-CAPACITOR Construction Technology.

06-30-2000

FORM PTO-1595 (Modified)
(Rev. 5-93)
OMB No. 0651-0011 (exp 4/94)
Copyright 1994-97 LegalStar
P08/REV02

EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



5-22-00

101393478

Tab settings

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

1. Name of conveying party(ies):

Nazir Ahmad
Keh-Chi Tsai

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

Name: Pinnacle Research Institute, Inc.

Internal Address:

Street Address: 141-B Albright Way

City: Los Gatos

State: CA

ZIP: 95030

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date:

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

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

5,384,685

Additional numbers attached? Yes No

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

Name: HOWARD M. PETERS

Internal Address: PETERS, VERNY, JONES &

BIKŠA, LLP

Street Address: 385 SHERMAN AVENUE, STE. 6

City: PALO ALTO

State: CA

ZIP: 94306

6. Total number of applications and patents involved: 1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

16-1331

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.

Howard M. Peters (Reg. No. 29,202)

Name of Person Signing

Signature

May 22, 2000
March 13, 2000

Date

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

16

ASSIGNMENT OF RIGHTS (CLARIFICATION)
ADDENDUM TO JANUARY 5, 1999 INSTRUMENT OF TRANSFER

and

Pei-Yang Chen (P. Y. Chen) as general manager for
PACIFIC SHINFU TECHNOLOGIES, CO., LTD

(hereinafter PST)

13 Fl, No. 121 Chung Cheng Road

Taoyuan City

Taipei 106

TAIWAN, R.O.C.

011-886-3-346-35572

011-886-3-346-3576 (Fax)

(as Assignee)

I, Pei-Yang Chen (P. Y. Chen), swear to the following text as being true and accurate.

I have a residence at
20 Chung Ho Street
Chung-Hsu, Hu-Kuo, Hsin-Chu
Taiwan, Republic of China
Telephone 011-886-3-317-3181.
Telefax 011-886-3-317-3184.

I was the representative of PST to negotiate, and was also empowered as a legal representative of PST to sign the sale INSTRUMENT, and signed the sale INSTRUMENT on January 5, 1999 on behalf of PST. That January 5, 1999 signed INSTRUMENT is identified above by title and at the top of Exhibit 1 (COPY ATTACHED).

On Exhibit 1 of this INSTRUMENT are listed six issued patents to construction technology of the ULTRA-CAPACITOR technology as originally assigned to PRI and PRID, INC. and by the INSTRUMENT dated January 5, 1999 transferred to PST.

At Section 2, Section 5 and other sections of the sale INSTRUMENT dated January 5, 1999, certain continuations, divisions, continuations-in-part, and reissue U.S. patent applications are mentioned. Certain foreign patent applications to the construction technology of ULTRA-CAPACITORS are also mentioned.

This construction technology of this INSTRUMENT is embodied in the ULTRA-CAPACITOR construction technology described in Exhibit 1 as the only following U. S. Patents:

Pei yang chen
KCT

PAGE 2 OF 3 OF ADDENDUM

PATENT
REEL: 011084 FRAME: 0014

ASSIGNMENT OF RIGHTS (CLARIFICATION)
ADDENDUM TO JANUARY 5, 1999 INSTRUMENT OF TRANSFER

5,348,685;
5,464,453;
5,821,033;
5,711,988;
5,800,857; and
5,825,610

and related construction U.S. patent applications. It also related to any foreign equivalent patents, patent applications, continuations, divisionals of these U.S. patent applications.

It was understood by me on behalf of PST and by K. C. Tsai on behalf of PRI and PRID, INC that at the time of negotiation and signing of the INSTRUMENT dated January 5, 1999 that the above listed construction technology of ULTRA-CAPACITORS was the subject matter of the INSTRUMENT and that only the construction technology of ULTRA-CAPACITORS was being transferred in the sale INSTRUMENT from PRI and PRID, INC. to PST.

It was understood that the continuations, divisionals continuations in part, and reissues patent applications covered under this INSTRUMENT at Sections 2 and 5 and elsewhere only related to the construction technology of the ULTRA-CAPACITORS.

The subject matter of this INSTRUMENT for ULTRA-CAPACITORS did not and does not extend to include any patent, patent application, continuation, continuation-in-part, divisional or reissue patent applications related to existing or future capacitor or ULTRA-CAPACITOR materials technology. The subject matter of this INSTRUMENT for construction technology for ULTRA-CAPACITORS does not extend to or relate to any foreign equivalent patents, patent applications, continuations or divisionals concerning existing or future capacitor or ULTRA-CAPACITOR materials technology.

Affiant swears the information in this ADDENDUM is true and accurate.

Signed Pei-Yang Chen Date 02/23/2000 with Legalization

Pei-Yang Chen (P.Y. Chen),
GENERAL MANAGER, NEGOTIATOR AND
LEGAL REPRESENTATIVE OF PST
on January 5, 1999 concerning the INSTRUMENT

Pei-Yang Chen
K.C.T.

READ, UNDERSTOOD and AGREED TO:

Signed K.C. TSAI Date 2/28/00 with Notarization
K.C. TSAI, PRESIDENT, FOR PINNACLE RESEARCH INSTITUTE, INC.
AND FOR PRIDTRONICS, INC. on January 5, 1999 concerning the INSTRUMENT

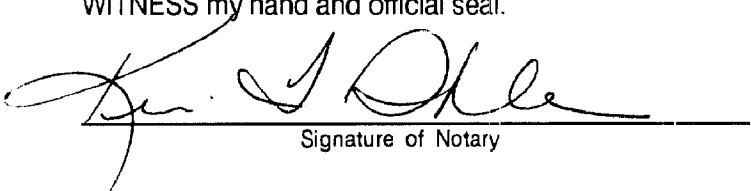
STATE OF CALIFORNIA)
) SS.
COUNTY OF SANTA CLARA)

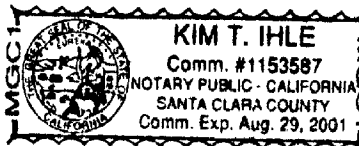
On February 28, 2000 before me, Kim T. Ihle

a Notary Public in and for said County and State, personally appeared K.C. Tsai

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


Signature of Notary



STATE OF CALIFORNIA)
) SS.
COUNTY OF _____)

On _____ before me, _____

a Notary Public in and for said County and State, personally appeared _____

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary

INSTRUMENT
OF
ASSIGNMENT AND ACQUISITION OF THE ULTRA-CAPACITOR PATENT RIGHTS

This INSTRUMENT (the "Instrument") is entered into by and between PINNACLE RESEARCH INSTITUTE, INC., located at 141-B Albright Way, Los Gatos, CA 95030, a California corporation, and PRIDTRONCIS, INC., located at _____, a Delaware Corporation, (collectively referred to as the "Assignors" or "Sellers", or individually referred to as "Assignor" or "Seller"), and PACIFIC SHINFU TECHNOLOGIES, CO., LTD., located at 13 FL No. 1201, Cheng Road, Taoyuan City, Taiwan, R.O.C., a Taiwan corporation (the "Assignee" or the "Buyer").

EXHIBIT 1
Schedule of Patents

The Sellers are the sole owners of Patents as described herein:

No.	Inventor	Title	Patent No.	Issue Date
1	Tong et al.	Screen Printing of Microprotrusions for use as a Space Separator in an Electrical Storage Device	5,384,685	Jan 24, 1995
2	Tong et al.	Method to Fabricate a Reliable Electrical Storage Device And the Device Thereof	5,464,453	Nov 7, 1995
3	Cromack et al.	Photolithographic Production Of Microprotrusions for Use as a Space Separator in an Electrical Storage Device	5,821,033	Oct 13, 1998
4	Tsai et al.	Energy Storage Device and Its Method of Manufacture	5,711,988	Jan 27, 1998
5	Tsai et al.	Energy Storage Device and Methods of Manufacture	5,800,857	Sept 1, 1998
6	Tsai et al.	Energy Storage Device (Amended)	(withdrawn) 5,825,610 ISSUED AS 5,867,363	Oct 20, 1998 Feb. 2, 1999

Pei yang chen
KCT

Pei yang chen
KCT



US005800857A

United States Patent [19]

[11] Patent Number: 5,800,857

Ahmad et al.

[45] Date of Patent: Sep. 1, 1998

- [54] ENERGY STORAGE DEVICE AND METHODS OF MANUFACTURE
- [75] Inventors: Nazir Ahmad, San Jose; Keh-Cti Tsai, Saratoga, both of Calif.
- [73] Assignee: Pinnacle Research Institute, Inc., Los Gatos, Calif.
- [21] Appl. No.: 718,569
- [22] PCT Filed: Mar. 30, 1995
- [86] PCT No.: PCT/US95/03985
 - § 371 Date: Sep. 30, 1996
 - § 102(e) Date: Sep. 30, 1996
- [87] PCT Pub. No.: WO95/26833
 - PCT Pub. Date: Oct. 12, 1995

4.557.983	12/1985	Sauer	429/27
4.572.843	2/1986	Saito et al.	427/53.1
4.663.824	5/1987	Kenmochi	29/570
4.800.142	1/1989	Bish et al.	429/130
4.816.356	3/1989	Balkanski	429/191
4.862.328	8/1989	Morimoto et al.	361/502
5.032.426	7/1991	Summer, Jr.	427/96
5.055.169	10/1991	Hock, Jr. et al.	204/192.31
5.062.025	10/1991	Verhoeven et al.	361/509
5.063.340	11/1991	Kalenowsky	320/1
5.072.335	12/1991	Kurabayashi et al.	361/502
5.085.955	2/1992	Cipriano	429/197
5.116.695	5/1992	Rao et al.	429/12
5.116.701	5/1992	Kalisz	429/130
5.121.288	6/1992	Maeroka et al.	361/329
5.141.828	8/1992	Bennion et al.	429/210
5.268.006	12/1993	Ueno et al.	29/25.03
5.478.594	12/1995	Frye et al.	427/58
5.711.988	1/1998	Tsai et al.	427/80

Related U.S. Application Data

- [63] Continuation-in-part of Ser. No. 377,121, Jan. 23, 1995, Pat. No. 5,711,988, and Ser. No. 219,965, Mar. 30, 1994, which is a continuation-in-part of Ser. No. 947,414, Sep. 18, 1992, Pat. No. 5,384,685, Ser. No. 947,294, Sep. 18, 1992, Pat. No. 5,464,453, and Ser. No. 958,506, Oct. 7, 1992, abandoned.
- [51] Int. Cl.⁶ B05D 5/12
- [52] U.S. Cl. 427/80; 29/25.01; 29/25.03; 361/301.4; 361/305; 361/503; 427/282
- [58] Field of Search 29/25.03, 25.41, 29/25.42, 623.5; 427/58, 79, 80, 81, 126.3, 282, 284; 361/301.4, 503, 522-527, 541; 429/42, 212, 217, 223

FOREIGN PATENT DOCUMENTS

1196683	11/1985	Canada
A-44427	1/1982	European Pat. Off.
A-2044535	10/1980	United Kingdom

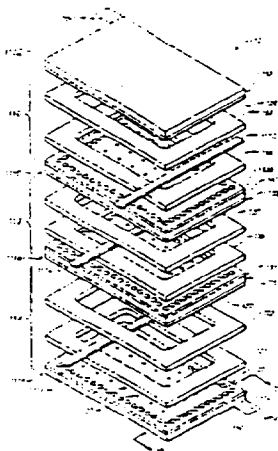
OTHER PUBLICATIONS

- B.E. Conway, *J. Electrochem. Soc.*, vol. 138 (#6), p. 1539, (Jun. 1991).
- H. Lee, et al., *IEEE Transactions on Magnetics*, vol. 25 (#1), p. 324, (Jan. 1989).
- G. Bullard, et al., *IEEE Transactions on Magnetics*, vol. 25 (#1) p. 102, (Jan. 1989).
- A. Yoshida et al., *IEEE Transactions on Components, Hybrids and Manufacturing Technology*, "An Electric Double-Layer Capacitor with Activated Carbon Fiber Electrodes", vol. CHMT-10.#1, P-100-103, (Mar. 1987).
- T. Suzuki, et al., *NEC Research and Development*, "Improved Self Discharge Characteristics of the Electric Double Layer Capacitor", No. 82, pp. 118-123, Jul. 1986.
- S. Sekido, *Solids State Ionics*, vol. 9, 10, pp. 777-782, (1983).
- R.S. Yeo et al., in *J. Electrochem. Soc. Electrochemical Science and Technology*, vol. 128, No. 9, pp. 1900-1904, Sep. 1981.
- R.S. Yeo et al., in *Abstracts of meeting of The Electrochemical Society*, Oct. 14-19, 1979, Abstract No. 652, p. 1637, published 1979.

References Cited

U.S. PATENT DOCUMENTS

3,288,641	11/1966	Rightmire	
3,536,963	10/1970	Boos	317/230
3,562,008	2/1971	Martinsons et al.	
3,718,551	2/1973	Martinsons	204/98
4,052,271	10/1977	Beer	204/38
4,198,476	4/1980	DiSalvo, Jr. et al.	429/194
4,548,880	10/1985	Suzuki et al.	429/162
4,555,745	11/1985	Westemeier et al.	361/320



pei yang chen
KCT