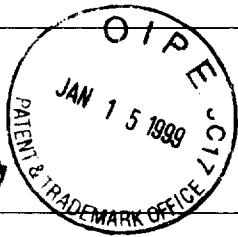


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U.S. DEPARTMENT OF COMMERCE

EET

Patent and Trademark Office
Docket No. 089402001100

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

<p>1. Name of conveying party(ies): Cesar A. LUONGO Franz Josef UNTERLASS</p> <p><input checked="" type="checkbox"/> Individual(s) <input type="checkbox"/> Association <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Corporation-State <input type="checkbox"/> Other</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: Bechtel Enterprises Inc. Internal Address: Street Address: 45 Fremont Street 13th Floor City: San Francisco, State: CA ZIP: 94105</p> <p>RECEIVED Name: Siemens Aktiengesellschaft Street Address: Wittelsbacherplatz 2 City: 80333 Munchen, Germany</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment IN COUNTERPARTS <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: December 14, 1998 and December 16, 1998</p>	

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)
09/083.009 filed May 21, 1998

B. Patent No.(s)

Additional numbers attached? Yes No

<p>Name and address of party to whom correspondence concerning document should be mailed:</p> <p>E. Thomas Wheelock Morrison & Foerster LLP 755 Page Mill Road Palo Alto, California 94304-1018</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 C.F.R. § 3.11): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, referring Attorney Docket 089402001100</p> <p>8. Deposit account number: <u>03-1952</u></p>
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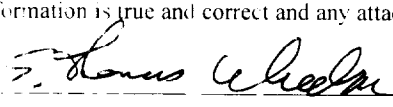
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952

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.

Name: E. Thomas Wheelock
Registration No: 28,825


Signature

January 13, 1999
Date

Total number of pages comprising cover sheet, attachments and document 5

01/19/1999 SBURNS 00000171 031952 09083009
01 FC:581 40.00 CH

Mail documents to be recorded with required cover sheet information to:
U.S. Patent and Trademark Office
Office of Public Records
Box Assignments
Crystal Gateway 4, Room 335
Washington, D.C. 20231

pa-332913

PATENT
REEL: 9699 FRAME: 0880

JOINT ASSIGNMENT

THIS ASSIGNMENT, by Cesar A. Luongo and Franz Josef Unterlass (hereinafter referred to as the assignors), residing at San Francisco, California and Adelsdorf, Federal Republic of Germany, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in SHUNT CONNECTED SUPERCONDUCTING ENERGY MANAGEMENT SYSTEM HAVING A SINGLE SWITCHABLE CONNECTION TO THE GRID, set forth in an application for Letters Patent of the United States, bearing Serial No. 09/083.009 and filed on May 21, 1998; and

WHEREAS, Siemens Aktiengesellschaft, a corporation duly organized under and pursuant to the laws of Germany and having its principal place of business at Wittelsbacherplatz 2, 80333 Munchen, Germany and Bechtel Enterprises Inc., a corporation duly organized under and pursuant to the laws of Nevada and having its principal place of business at 45 Fremont Street 13th Floor, San Francisco, California 94105 (hereinafter referred to as the assignees) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignees, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignees, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

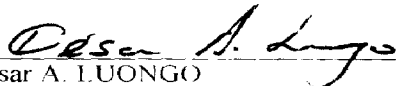
AND for the same consideration, said assignors hereby covenant and agree to and with said assignees its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignees, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignees, its successors, legal representatives and assigns, but at the cost and expense of said assignees, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignees as the assignees of said inventions and the Letters Patent to be issued thereon for the sole use of said assignees, its successors, legal representatives and assigns.

Dec. 14/1998

Date



Cesar A. LUONGO

Date

Franz Josef UNTERLASS

STATE OF CALIFORNIA

)

) S.S.

CITY AND COUNTY OF SAN FRANCISCO

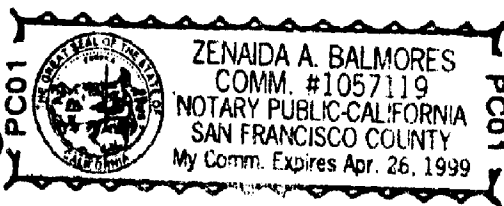
)

On December 14, 1998, before me, Zenaida A. Balmores, a Notary Public, personally appeared Cesar A. Luongo personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Zenaida A. Balmores
Signature

(Seal)



JOINT ASSIGNMENT

THIS ASSIGNMENT, by Cesar A. Luongo and Franz Josef Unterlass (hereinafter referred to as the assignors), residing at San Francisco, California and Adelsdorf, Federal Republic of Germany, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in SHUNT CONNECTED SUPERCONDUCTING ENERGY MANAGEMENT SYSTEM HAVING A SINGLE SWITCHABLE CONNECTION TO THE GRID, set forth in an application for Letters Patent of the United States bearing Serial No. 09 083.009 and filed on May 21, 1998; and

WHEREAS, Siemens Aktiengesellschaft, a corporation duly organized under and pursuant to the laws of Germany and having its principal place of business at Wittelsbacherplatz 2, 80333 Munchen, Germany and Bechtel Enterprises Inc., a corporation duly organized under and pursuant to the laws of Nevada and having its principal place of business at 45 Fremont Street 13th Floor San Francisco, California 94105 (hereinafter referred to as the assignees) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignees, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignees, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignees its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignees, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignees, its successors, legal representatives and assigns, but at the cost and expense of said assignees, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignees as the assignees of said inventions and the Letters Patent to be issued thereon for the sole use of said assignees, its successors, legal representatives and assigns.

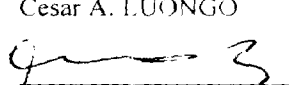
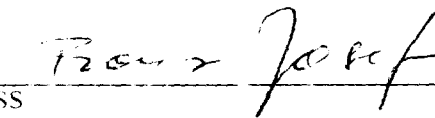
Date

Cesar A. LUONGO

Date

Franz Josef UNTERLASS

12/12/98

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Docket No. 089402(00100)

In the application of: LLUONGO et al.
 Serial No.: 09/083,009
 Filed: May 21, 1998
 For: SHUNT CONNECTED SUPERCONDUCTING ENERGY MANAGEMENT SYSTEM™
 HAVING A SINGLE SWITCHABLE CONNECTION TO THE GRID

Siemens Aktiengesellschaft, a corporation, and Bechtel Enterprises Inc., a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

*copy**filed*

OR

B. A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From :
 To:
 The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

2. From :
 To:
 The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

3. From :
 To:
 The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

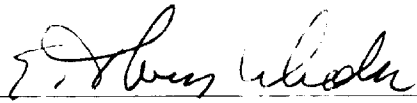
Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: January 13, 1999


 Name: E. Thomas Wheelock, Reg. No. 28,825