

07-16-2003

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Washington Group International, Inc.

2. Name and address of receiving party(ies)

Name: Stone & Webster, Inc.

Internal Address: _____

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

3. Nature of conveyance:

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

Street Address: 1430 Enclave Parkway

City: Houston State: TX Zip: 77077-2023

Execution Date: 04/17/2003

Additional name(s) & 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) 09/486,667; 10/048,129;
60/360,355; 60/388,091; and 60/394,177

B. Patent No.(s) 4,485,077;
4,695,664; 5,141,049; 5,196,632;

Additional numbers attached? ☒ Yes ☐ No

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

Name: Alan B. Clement, Esq.

Internal Address: HEDMAN & COSTIGAN, P.C.

Street Address: 1185 Avenue of the Americas

City: New York State: NY Zip: 10036

6. Total number of applications and patents involved: 17

7. Total fee (37 CFR 3.41).....\$ \$680.00

- ☒ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

08-1450

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9. Signature.

Alan B. Clement, Reg. No. 34,563

Name of Person Signing

Signature

07/10/2003

Date

Total number of pages including cover sheet, attachments, and documents: 8

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 014261 FRAME: 0158

ADDITIONAL ISSUED U.S. PATENTS

5,461,179

5,686,369

5,695,724

5,739,071

5,602,290

5,811,629

6,171,449

6,376,736

ASSIGNMENT

WHEREAS, Washington Group International, Inc., a corporation organized under the laws of the State of Ohio, is the owner of the entire right, title and interest in and to the United States patents and patent applications listed on the attached Schedule A; and

WHEREAS, Washington Group International, Inc. may also own certain rights and interests in and to the PCT patent applications listed on the attached Schedule B; and

WHEREAS, Stone & Webster, Inc., a corporation organized under the State of Louisiana, is desirous of acquiring all of Washington Group International, Inc.'s interest in and to the patents and patent applications listed on Schedules A and B;;

NOW, THEREFORE, in consideration of and in exchange for the sum or one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Washington Group International, Inc. hereby does sell, assign and transfer unto Stone & Webster, Inc.(i) the entire right, title and interest in and to each of the patents and patent applications listed on Schedule A, and (ii) all right, title and interest (if any) of Washington Group International, Inc. in and to the patent applications listed on Schedule B, and all rights and interests of Washington Group International, Inc. in and to all corresponding applications for patent and patents therefore, in any and all countries, including all divisions, reissues, reexaminations, continuations and extensions thereof.

AND, Washington Group International, Inc. further authorizes and requests any official whose duty it is to issue patents, to issue all patents on said improvements, or patents resulting therefrom, to said Stone & Webster, Inc., as assignee of the entire interest,

AND, Washington Group International, Inc. further agrees that on request and without further consideration, but at the expense of Stone & Webster, Inc., Washington Group International, Inc. will communicate to Stone & Webster, Inc., or its representative, any facts known to it respecting said inventions, will sign all lawful papers, and execute and deliver all divisional, continuing, reissue and/or reexamination applications that may be necessary or desirable to aid Stone & Webster, Inc., or its

successors, to obtain and enforce proper protection for said inventions in the United States of America and its territorial possessions.

WASHINGTON GROUP INTERNATIONAL, INC.

Date: April 17, 2003

BY: [Signature]

Name: MELINA DATSOPOULOS

Title: ASST. SECRETARY

State of Massachusetts

County of Middlesex

SS.:

This 17th day of April, 2003, before me personally came the above-named Melina Datsopoulos, to me personally known as the individual who executed the foregoing assignment, who stated that he is the Asst. Secretary of Washington Group International, Inc., the corporation described in the foregoing assignment, and acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Catherine A. McCafferty
Notary Public



[Signature]
STONE & WEBSTER, INC.

Date: 17 April 2003 BY: [Signature]

Name: N.C. GALLINARO

Title: PRES. PROCESS OF ECM DIV.

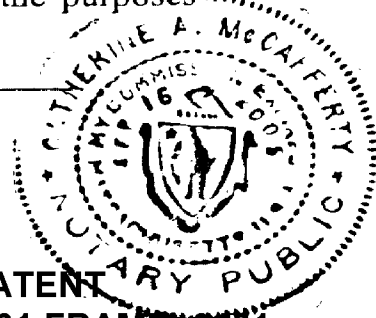
State of Massachusetts

County of Middlesex

SS.:

This 17th day of April, 2003, before me personally came the above-named N.C. Gallinaro, to me personally known as the individual who executed the foregoing assignment, who stated that he is the President, Process of Stone & Webster, Inc., the corporation described in the foregoing assignment, and acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Catherine A. McCafferty
Notary Public



SCHEDULE A
ISSUED UNITED STATES PATENTS

<u>PATENT NO.</u>	<u>INVENTOR</u>	<u>DATE ISSUED</u>
4,485,077	Martinez	11/27/84
4,695,664	Whittle	09/22/87
5,141,049	Larson et al.	08/25/92
5,196,632	Larson et al.	03/23/93
5,461,179	Chen et al.	10/24/95
5,686,369	Chen et al.	11/11/97
5,695,724	Chen et al.	12/09/97
5,739,071	Chen et al.	04/14/98
5,602,290	Fallon	02/11/97
5,811,629	Hubbell	09/22/98
6,171,449	Welch	01/09/01
6,376,736	Rutten et al.	04/23/02

PENDING UNITED STATES PATENT APPLICATIONS

<u>SERIAL NO.</u>	<u>INVENTOR</u>	<u>DATE FILED</u>
09/486,667	Welch	06/02/00
10/048,129	Larsen et al.	01/14/02
60/360,355	Hwang et al.	02/28/02
60/388,091	Oleksy et al.	06/12/02
60,394,177	Pizzelli et al.	07/03/02

SCHEDULE B

3. PENDING PCT PATENT APPLICATIONS - WGI / PC GROUP AND OTHERS

REFERENCE NUMBER	SERIAL NUMBER	TITLE	INVENTOR(S)	FILING DATE	MAINTENANCE DATE OWNERSHIPNOTES
BGR-004PC	PCT/US01/29956 60/235176	Maximizing Meta-isomers in the Production of Dialkylbenzene Compounds	S. S. Chen C. M. Chi	9/25/2001	Note: Application filed by ExxonMobil Jointly filed in names of ExxonMobil & WGI
BGR-024PC	PCT/US02/0380160/26 7035	Production of Alkyl aromatic Aromatic Compounds	S. S. Chen S. Hwang	2/6/2002	Note: Application filed by ExxonMobil Jointly filed in names of WGI & EM
BGR-026PC	60/235127PCT/US01/2 9938	Hydrogenation of Cleavage Effluents in Phenol Production	K. Fallon C. M. Chi F. A. Demers S. Hwang	9/25/2001	Note: Application filed by ExxonMobil Filed in name of ExxonMobil alone
BGR-032PC	60/249306PCT/US01/4 4249	Economical Purification of Bisphenol A	S. Evtit D. Palmer	11/14/2001	Note: Application filed by Silverstein Jointly filed in the names of WGI and RPP