

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7219984

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
MANUFACTURERS AND TRADERS TRUST COMPANY	03/07/2022
RECEIVING PARTY DATA	
Name:	THERMAL SOLUTIONS INTERMEDIATE HOLDINGS, INC.
Street Address:	ONE ROBINSON PLAZA, 6600 STEUBENVILLE PIKE
Internal Address:	SUITE 300
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15205
Name:	RESCO GROUP, INC.
Street Address:	ONE ROBINSON PLAZA, 6600 STEUBENVILLE PIKE
Internal Address:	SUITE 300
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15205
Name:	RESCO PRODUCTS, INC.
Street Address:	ONE ROBSINON PLAZA, 6600 STEUVENVILLE PIKE
Internal Address:	SUITE 300
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15205
Name:	UNITED REFACTORIES, INC.
Street Address:	ONE ROBINSON PLAZA, 6600 STEUBENVILLE PIKE
Internal Address:	SUITE 300
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15205
Name:	WORLDWIDE REFRACTORIES, INC.
Street Address:	ONE ROBINSON PLAZA, 6600 STEUBENVILLE PIKE
Internal Address:	SUITE 300
City:	PITTSBURGH

PATENT

State/Country:	PENNSYLVANIA
Postal Code:	15205

PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	5824263
Patent Number:	5427360

CORRESPONDENCE DATA

Fax Number: (312)609-5005

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: phack@vedderprice.com

Correspondent Name: PATRICIA HACK

Address Line 1: 222 N. LASALLE STREET, SUITE 2400

Address Line 2: VEDDER PRICE P.C.

Address Line 4: CHICAGO, ILLINOIS 60601

ATTORNEY DOCKET NUMBER:	52406.00.0016
NAME OF SUBMITTER:	PATRICIA HACK
SIGNATURE:	/Patricia Hack/
DATE SIGNED:	03/11/2022

Total Attachments: 5

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RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (“Release”), dated as of March 7, 2022, by Manufacturers and Traders Trust Company, as Administrative Agent (“Agent”), grants a release of security interest in patents to each of (i) Thermal Solutions Intermediate Holdings, Inc. (Delaware corporation); (ii) Resco Group, Inc. (Pennsylvania corporation); (iii) Resco Products, Inc. (Pennsylvania corporation); (iv) United Refractories, Inc. (Ohio corporation) which was subsequently merged into Resco Products, Inc.; and (v) Worldwide Refractories, Inc. (Pennsylvania corporation) which was subsequently merged into Resco Products, Inc. (collectively, the “Grantors” and each, a “Grantor”). All terms used but not defined herein shall have the meanings set forth (including by reference) in the Security Agreement or IP Security Agreement (as defined below), as applicable.

WHEREAS, Grantors and Agent are parties to a certain (i) Security Agreement, dated as of September 7, 2011 (as amended, restated, or otherwise modified, the “Security Agreement”) and (ii) Patent Security Agreement, dated as of September 7, 2011, by and among Thermal Solutions Intermediate Holdings, Inc., Resco Group, Inc., Resco Products, Inc., United Refractories, Inc., Worldwide Refractories, Inc. and the Agent, which was recorded with the United States Patent and Trademark Office (“USPTO”) on September 12, 2011 at Reel/Frame No. 026890/0722 (the “IP Security Agreement”), pursuant to which each Grantor granted to the Agent a continuing security interest in, the Collateral (as defined in the IP Security Agreement), and

WHEREAS, pursuant to the Security Agreement and the IP Security Agreement, each Grantor granted to Administrative Agent a continuing security interest in, and continuing lien upon, all right, title, and interest of each Grantor in and to the intellectual property rights and Collateral held by such Grantor including, without limitation, the patents listed on the attached **Schedule A**, and all renewals thereof; and

WHEREAS, pursuant to that certain Payoff Letter, dated as of March 7, 2022, by and among others, the Grantors and Administrative Agent, (i) each Grantor has fulfilled its obligations and commitments under the Credit Agreement (as defined in the IP Security Agreement), (ii) Administrative Agent has released and has agreed to release its continuing security interest in, and continuing lien upon, and assign to Grantor any and all interest it may have in the Collateral and (iii) Administrative Agent has agreed to provide a document suitable for recording in the USPTO evidencing and effecting the release, termination, relinquishment and discharge of its security interest in the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which is hereby acknowledged:

1. Administrative Agent hereby (i) releases its continuing security interest in, and continuing lien upon, and assigns its entire right, title and interest in, if any, the Collateral and (ii) re-assigns, re-transfers and re-conveys to each such Grantor any and all rights and interest it may have in, to or under the Collateral

2. This Release has been executed and delivered by Administrative Agent for the purpose of releasing, removing, or otherwise terminating the security interest made part of the

Security Agreement and IP Security Agreement in favor of Administrative Agent in the Collateral that have been filed with the USPTO and, to the extent required, any other such offices in other countries of the world. The IP Security Agreement and all of Grantors' obligations thereunder and under the Security Agreement as they pertain to the Collateral are thus terminated as of the date first set forth above.

3. Administrative Agent has a continuing obligation to sign all agreements, documents, or otherwise, necessary to carry out this Release and the obligations herein.

4. This Release shall be binding upon the parties' legal representatives, successors, and assigns.

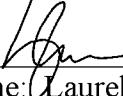
5. Administrative Agent agrees, or authorizes the Grantors, to make filings with the USPTO and take further actions, as reasonably requested by the Grantors to evidence the release and termination of Administrative Agent's security interests in the Collateral.

6. This Release shall be governed by and construed in accordance with the laws of the State of New York.

IN WITNESS WHEREOF, the undersigned have executed this RELEASE OF SECURITY INTEREST IN PATENTS as of the ____ day of _____, 2022.

By: Manufacturers and Traders Trust Company, as Administrative Agent

Thermal Solutions Intermediate Holdings, Inc., as Grantor

By: 
Name: Laurel LB Magruder
Title: Group Vice President

By: _____
Name:
Title:

Resco Group, Inc., as Grantor

By: _____
Name:
Title:

Resco Products, Inc., as Grantor

By: _____
Name:
Title:

United Refractories, Inc., as Grantor

By: _____
Name:
Title:

Worldwide Refractories, Inc., as Grantor

By: _____
Name:
Title:

IN WITNESS WHEREOF, the undersigned have executed this RELEASE OF SECURITY INTEREST IN PATENTS as of the ____ day of _____, 2022.


By: Manufacturers and Traders Trust Company, as Administrative Agent

Thermal Solutions Intermediate Holdings, Inc., as Grantor

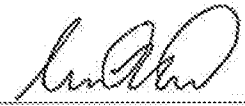
By: _____
Name:
Title:

By: 
Name: Graham McDonough
Title: Secretary

Resco Group, Inc., as Grantor

By: 
Name: Graham McDonough
Title: Secretary


Resco Products, Inc., as Grantor

By: 
Name: Graham McDonough
Title: Secretary

Resco Products, Inc. (as successor by merger to United Refractories, Inc.), as Grantor

By: 
Name: Graham McDonough
Title: Secretary

Resco Products, Inc. (as successor by merger to Worldwide Refractories, Inc.), as Grantor

By: 
Name: Graham McDonough
Title: Secretary

Schedule A

Patents and Patent Applications:

Country	Title	Application Serial No.	Application Filing Date	Patent No.	Patent Issue Date	Owner
USA	Ladle brick leveling set	08589709	01/22/1996	5824263	10/20/1998	Resco Products, Inc.
USA	Refractory brick design for open end of refractory lined vessel	08126256	09/24/1993	5427360	06/27/1995	Resco Products, Inc.