

RECORDATION FC
PATENT

04-13-1999

DEPARTMENT OF COMMERCE
Patent and Trademark Office



101007998

To the Honorable Commissioner of Patents and Trademarks
thereof.

to record the attached original document or copy

1. Name of conveying party(ies):

AD Services, Inc.

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

3. Nature of conveyance:

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

Execution Date: February 8, 1999

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

Name: The Alloy Engineering Company

Internal Address:

Street Address: 8444 Thacker St.

City: Berea State: OH ZIP: 44017

Additional name(s) and 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)

B. Patent No.(s)

5,567,380

Additional numbers attached? ☐ Yes ☒ No

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

Name: SQUIRE, SANDERS & DEMPSEY L.L.P.

Internal Address: Attn: Michael A. Lechter

Street Address: Two Renaissance Square
40 North Central Ave., Suite 2700

City: Phoenix State: AZ ZIP: 85004-4498

6. Total number of applications and
patents involved:

One

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

- ☒ Enclosed - check no. 019945
☒ Deficiency only authorized to be charged to deposit
account

8. Deposit account number:

19-3878

04/12/1999 JSH/BAZZ 00000006 5567380

04 FC:581

40.00 OP

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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.

David E. Rogers Reg. No. 38,287

Name of Person Signing

David E. Rogers

Signature

3-25-99

Date

ALL55 002 0

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

Seven

PATENT
REEL: 9866 FRAME: 0337

PATENT ASSIGNMENT

THIS ASSIGNMENT, effective as of the 8th day of February, 1999, is made by and among AD Services, Inc., a Georgia corporation ("AD"), Donald Hoover, the sole shareholder of AD (the "Shareholder") (AD and the Shareholder being hereinafter collectively referred to as the "Assignor") and The Alloy Engineering Company, an Ohio corporation ("Assignee").

WHEREAS, Assignor is the owner of the following United States Patents and Pending Patent Applications, and drawings related thereto, listed on Exhibit A attached hereto (the "Patents");

WHEREAS, Assignee is interested in acquiring all of Assignor's right, title and interest in the Patents, and Assignor is willing to transfer all its right, title and interest in the Patents to Assignee;

NOW THEREFORE, to whom it may concern, for good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and conveys to Assignee, its successors and assigns, its entire right, title and interest in and to the Patents and the inventions described in the Patents, and in and to any and all reissues, extensions, divisions, continuations, continuations-in-part, and substitutions that may issue from the Patents, to have and to hold the same for the sole exclusive use and benefit of Assignee, and in and to the claims for damages by reason of past or future infringement of the Patents, with the right to sue for and collect the same for its own use and benefit and for the use and benefit of its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor had the sale, assignment and transfer not been made.

Assignor hereby authorizes and requests the Commissioner of Patents of the United States to issue Letters Patent for the aforescribed Pending Applications and all divisions, continuations, continuations-in-part, reissues, renewals and extensions thereof to Assignee, its successors and assigns.

[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, Assignor has given legal effect to this Assignment through the signature below of its duly authorized representative.

AD SERVICES, INC.

By: Donald Hoover
Donald Hoover, President
Date: 3/8/99

DONALD HOOVER

Donald Hoover
Donald Hoover, Shareholder
Date: 3/8/99

State of Ohio)
)
County of Cuyahoga)

The foregoing instrument was acknowledged before me this 8th day of February, 1999 by Donald Hoover, as President of AD Services, Inc., a Georgia corporation, on behalf of the corporation, and by Donald Hoover, as the sole shareholder of AD Services, Inc.

Patrick A. Henneberr
Notary Public

PATRICK A. HENNEBERRY
Notary Public, State of Ohio, Cuy. Cty.
My Commission Expires Apr. 20, 1999

EXHIBIT A

PATENTS AND PATENT APPLICATIONS
(AND DRAWINGS RELATED THERETO)

See attached Patent and list of Drawings.

Date
October 22, 1996

Patent Number
5,567,380

INVENTOR
ROTARY RETORT HEAT TREATING FURNACE SEALS

The Commissioner of Patents and Trademarks has received an application for a patent for a new and useful invention. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person or persons having title to this patent the right to exclude others from making, using or selling the invention throughout the United States of America for the term of this patent, subject to the payment of maintenance fees as provided by law.

Barthelme
Commissioner of Patents and Trademarks

P-200-RAC

D-200024	# 1	RETORT ASSEMBLY
B-200024	# 1	THERMAL BARRIER
B-200024	# 2	THERMAL BARRIER
C-200018		CONE CASTING
D-200037		REAR PLUG ASSEMBLY for PE

P-200-RAC

SPECIAL		
D-200124	# 1	RETORT ASSEMBLY
D-200124	# 2	RETORT & FEEDER ASSEMBLY
D-200070	# 1	RETORT FEEDER ADAPTER ASSEMBLY
D-200070	# 2	RETORT FEEDER ADAPTER ASSEMBLY

OTHER DWGS. for PACIFIC FURNACES

B-200064	1 SHEET	SUPPORT RING for P-025-RAC
B-200062	"	SUPPORT RING for P-060 & 100-RAC
B-200060	"	SUPPORT RING for P-150-RAC
B-200066	"	SUPPORT RING for P-200-RAC

B-200100		DRIVE SPROCKET ASSY for ALL RETORTS
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B-200204		AL-BR SEAL RINGS - (SALES DWG.)
C-200200		AL-BR "ASR" ATMOSPHERE SEAL RINGS
C-200203	# 1	AL-BR "FSR" FURNACE SEAL RINGS
C-200203	# 2	AL-BR "FSR" FURNACE SEAL RINGS
C-200202		AL-BR "FSR" CASTINGS
B-200201		AL-BR FRONT SEAL RINGS

D-200090		DRUM WASHER ASSY. for P-26-RWR
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D-200009		ROTARY WASHER - DRYER DRUM
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D-200401		DRAW RETORT ASSY. for P-150-RAD
		DRAW RETORT ASSY. for P-200-RAD
		DRAW RETORT ASSY. for P-250-RAD

E-200010		WEIGH LOADER ASSY. with SCALE
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D-200021		ROTARY FEEDER ASSY. for P-150
D-200022		ROTARY FEEDER LOAD CHUTE for P-150

B-200105		ELEMENT "T" PIECES for ELECTRIC ROTARY
B-200106		ELEMENT SUPPORT PLATES for ELECTRIC ROTARY
B-200107		ELEMENT SUPPORT PLATES for ELECTRIC ROTARY

DRAWINGS FOR OTHER TYPE FURNACES

D-200300		FAB RETORT ASSY. for RC-2414
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D-200301	# 1	FAB. RETORT ASSY. for A-2414
D-200301	# 2	FAB. RETORT ASSY. for A-2414

D-200311		FAB. RETORT ASSY. for A-2414-A
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D-200303	# 1	FAB. RETORT ASSY. for A-2414-B
D-200303	# 2	FAB. RETORT ASSY. for A-2414-B
D-200303	MOD 1	REPAIR & MODIFICATIONS for A-2414-B
D-200303	MOD 2	REPAIR & MODIFICATIONS for A-2414-B

D-200350	# 1	SEALING HOOD for A-2414
D-200350	# 2	SEALING HOOD for A-2414

D-230001		FAB. RETORT ASSY. for A-1007
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B-200302		FAB. RETORT ASSY. for AGF-1409
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D-200400		FAB. RETORT ASSY. for SC-3417
SK-101497		FAB. RETORT ASSY. for SC-3417

SK-200310	"D"	FAB. RETORT ASSY. for J-RF-13 & J-RF-36 HOOVER - JAPAN - CAST
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COPIES of OTHER DRAWINGS

SK-52396	"C"	For AGF # 136 CAST RETORT
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SET of COPIES		SURFACE VACUUM FURNACE L-2HVO, 24W, 36D, 18H 196692-D, 196693-D, 196694-D, 196699-D WORK-SUPPORT & 217494-D HEARTH COMPONENTS
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DRAWINGS. WK1

A1..D140

A. D. SERVICES DRAWINGS

REV DATE 11/30/98

SIZE	DWG. NUMBER	SHEET #	DESCRIPTION
P-025-RAC	D-200033	# 1	REAR PLUG ASSEMBLY
	C-200017		CONE CASTING
	B-200055		THERMAL BARRIER
	D-200027		RETORT ASSEMBLY
P-025-RAT	B-200047		TOROID RING & MOUNTING FLANGE
	B-200065		SUPPORT RING
	D-200013		RETORT ASSEMBLY
	D-200036	# 1	REAR PLUG ASSEMBLY
	D-200036	# 2	REAR PLUG ASSEMBLY
P-060-RAC	C-200051		FRONT PLATE
	C-200071		KICK-OFF & SHIELDS
	D-200035	# 1	UNIVERSAL REAR PLUG
	D-200035	# 2	UNIVERSAL REAR PLUG
	D-200026	# 1	RETORT ASSEMBLY
	D-200032	# 1	REAR PLUG ASSEMBLY
	C-200015		CONE CASTING
	B-200056	# 1	THERMAL BARRIER
	B-200056	# 2	THERMAL BARRIER
P-060-RAT	B-200011		RETORT ASSEMBLY
P-100-RAC	D-200026		RETORT ASSEMBLY
P-100-RAT	D-200012		RETORT ASSEMBLY
	D-200029		REAR PLUG
	B-200063		SUPPORT RING
	B-200046		TOROID RING & MOUNTING FLANGE
	D-200075		MODIFY PE-100-RAC TO PE-100-RAT PLUS SK71592, SK052692, SK051992
P-150-RAC	D-200025		RETORT ASSEMBLY
	B-200057	# 1	THERMAL BARRIER
	B-200057	# 2	THERMAL BARRIER
	C-200016		CONE CASTING
	B-200050		FRONT PLATE
	D-200030	# 1	REAR PLUG ASSEMBLY for PG
	D-200030	# 2	REAR PLUG ASSEMBLY for PG
P-150-RAT	D-200010		RETORT ASSEMBLY
	B-200045		TOROID RING & MOUNTING FLANGE
	B-200061		SUPPORT RING