

02-21-2001

Docket No.: GLAD-1055US

FORM PTO-1535 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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P08/REV02



SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101618322

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):

James B. Sears, Jr.

2-17-01

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

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

Name: AG Industries, Inc.

Internal Address: Airport Office, Building One

Street Address: 410 Rouser Road

City: Coropolis State: PA ZIP: 15108

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: October 3, 2000

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)

09/658,997

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John L. Knoble

Internal Address: KNOBLE & YOSHIDA, LLC

Eight Penn Center, Suite

Street Address: 1628 John F. Kennedy Blvd.

City: Philadelphia State: PA ZIP: 19103

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:

50-0462

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02/20/2001 AAHMED1 00000074 09658997

01 03-51 Statement and signature. 40.00 UP

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.

John L. Knoble

Name of Person Signing

Signature

3

Date

February 9, 2001

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

**Assignment of Rights in Invention
(Sole inventor; single assignee)**

Docket No.
GLAD-1055US

Inventor	Residence of Inventor
James B. Sears, Jr.	205 LaGrande Drive Cranberry Township, PA 16066
Assignee	Residence or Principal Place of Business of Assignee
AG Industries, Inc.	Airport Office, Building One 410 Rouser Road Coroapolis, PA 15108

Whereas, I, the above-identified Inventor, have invented certain new and useful improvements in:

SYSTEM AND PROCESS FOR OPTIMIZING COOLING IN CONTINOUS CASTING MOLD

(hereinafter referred to as "Invention") for which I am making application for Letters Patent in the United States of America;

And, whereas I desire to assign a 100% undivided interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to the above-identified Assignee, and whereas said Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for the sum of 1 dollars (\$ 1), and other good and valuable consideration, the receipt whereof is hereby acknowledged;

I hereby assign, sell and transfer a 100% undivided interest in said invention, said application, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

Assignment of Rights in Invention
(Sole inventor; single assignee)

Docket No.
GLAD-1055US

Inventor

Residence of Inventor

James B. Sears, Jr.

205 LaGrande Drive
Cranberry Township, PA 16066

Assignee

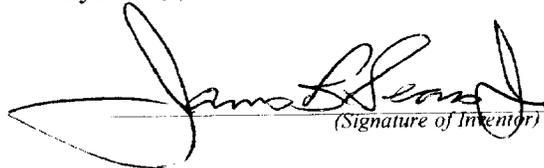
Residence or Principal Place of Business of Assignee

AG Industries, Inc.

Airport Office, Building One
410 Rouser Road
Coroapolis, PA 15108

And I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee thereof shall hereafter require and prepare at its own expense.

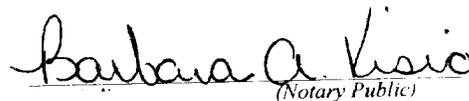
Executed this 3rd day of October, in the year 2000
at Coroapolis


(Signature of Inventor)

State of Pennsylvania

County of Allegheny

Before me personally appeared James B. Sears, Jr.
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 3rd day of October, in the year 2000


(Notary Public)

Notarial Seal
Barbara A. Kisio, Notary Public
Moon Twp., Allegheny County
My Commission Expires May 17, 2003
Member, Pennsylvania Association of Notaries