

12-20-1999

of Commerce
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101227997

RECORDATION FORM COVER SHEET
TRADEMARKS ONLY

MZD 12.20.99

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID # _____
- Correction of PTO Error
Reel # _____ Frame # _____
- Corrective Document
Reel # _____ Frame # _____

Conveyance Type

- Assignment License
- Security Agreement Nunc Pro Tunc Assignment
Effective Date
Month Day Year _____
- Merger
- Change of Name
- Other _____

Conveying Party

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name The Cleveland Twist Drill Company

6/2/99

Formerly _____

- Individual General Partnership Limited Partnership Corporation Association
- Other _____
- Citizenship/State of Incorporation/Organization Ohio

Receiving Party

Mark if additional names of receiving parties attached

Name Greenfield Industries, Inc.

DBA/AKA/TA _____

Composed of _____

Address (line 1) 470 Old Evans Road

Address (line 2) _____

Address (line 3) Evans Georgia 30809

City

State/Country

Zip Code

- Individual General Partnership Limited Partnership If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached (Designation must be a separate document from Assignment.)
- Corporation Association
- Other _____
- Citizenship/State of Incorporation/Organization Delaware

12/20/1999 INBUYEN 0000096 373886

FOR OFFICE USE ONLY

01 FC:461
02 FC:462

40.00 OP
75.00 OP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

TRADEMARK

REEL: 002000 FRAME: 0602

12/20/1999 INBUYEN 0000096 373886
Form/Number: 1618A
45.00 CB

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

#

Trademark Application Number(s) or Registration Number(s)

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)			Registration Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="373,888"/>	<input type="text" value="1,572,948"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="373,889"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="885,005"/>	<input type="text"/>	<input type="text"/>

Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

No

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. Charges to deposit account are authorized, as indicated herein.

Shelly L. McGee

Name of Person Signing

Shelly McGee

Signature

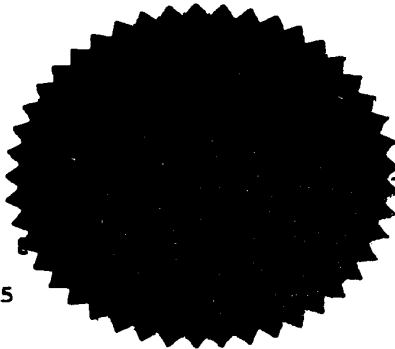
12/6/99

Date Signed

State of Delaware
Office of the Secretary of State PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"THE CLEVELAND TWIST DRILL COMPANY", A OHIO CORPORATION,
WITH AND INTO "GREENFIELD INDUSTRIES, INC." UNDER THE NAME
OF "GREENFIELD INDUSTRIES, INC.", A CORPORATION ORGANIZED AND
EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED
AND FILED IN THIS OFFICE THE FOURTH DAY OF JUNE, A.D. 1999, AT
12 O'CLOCK P.M.



Edward J. Freel, Secretary of State

2089387
991349715

AUTHENTICATION: 9935726

DATE: 08-24-99

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REEL: 002000 FRAME: 0604

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 12:00 PM 06/04/1999
991224919 - 2089387

CERTIFICATE OF OWNERSHIP AND MERGER

OF

THE CLEVELAND TWIST DRILL COMPANY
(an Ohio Corporation)

INTO

GREENFIELD INDUSTRIES, INC.
(a Delaware Corporation)

It is hereby certified that:

1. Greenfield Industries, Inc. hereinafter sometimes referred to as the "Corporation" is a business corporation of the State of Delaware.
2. The Corporation is the owner of all of the outstanding shares of the stock of The Cleveland Twist Drill Company which is also a business corporation of the State of Ohio.
3. The laws of the jurisdiction of organization of The Cleveland Twist Drill Company permit the merger of a business corporation of that jurisdiction with a business corporation of another jurisdiction.
4. The Corporation hereby merges The Cleveland Twist Drill Company into the Corporation.
5. The following is a copy of the resolutions adopted on June 2, 1999 by the Board of Directors of the Corporation to merge the said The Cleveland Twist Drill Company into the Corporation:

RESOLVED that The Cleveland Twist Drill Company be merged into this Corporation, and that all of the estate, property, rights, privileges, powers and franchises of The Cleveland Twist Drill Company be vested in and held and enjoyed by this Corporation as fully and entirely and without change or diminution as the same were before held and enjoyed by The Cleveland Twist Drill Company in its name.

RESOLVED that this Corporation shall assume all of the obligations of The Cleveland Twist Drill Company.

RESOLVED that this Corporation shall cause to be executed and filed and/or recorded the documents prescribed by the laws of the State of Delaware, by the laws of the State of Ohio and by the laws of any other appropriate jurisdiction and will cause to be performed all necessary acts within the jurisdiction of organization

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REEL: 002000 FRAME: 0605

of the The Cleveland Twist Drill Company and of this Corporation and in any other appropriate jurisdiction.

Executed on June 2, 1999.

GREENFIELD INDUSTRIES, INC.

By: [Signature]
Name: H. P. MANNING
Title: PRESIDENT

PGH1_General; 757843

TOTAL P. 03

RECORDED: 12/06/1999

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