

11-17-2004

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OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies)/Execution Date(s):

Metal Improvement Company, Inc.

Execution Date(s) 3 November 2004

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Metal Improvement Company, LLC

Internal Address: \_\_\_\_\_

Street Address: 10 Forest Avenue

City: Paramus

State: NJ

Country: US Zip: 07652

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

## 4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

60/471,490 10/696,989 60/515,747  
60/518,854 10/766,635 60/515,727  
10/766,224

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark A. Haynes

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 366

751 Kelly Street

City: Half Moon Bay

State: CA Zip: 94019

Phone Number: (650) 712-0340

Fax Number: (650) 712-0263

Email Address: kmarley@hmbay.com

## 6. Total number of applications and patents involved:

7

## 7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$ 280.00

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0869 - MICI 001

Authorized User Name Mark A. Haynes

## 9. Signature:

Signature

Date

Mark A. Haynes

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

11/16/2004 ECOOPER 00000083 60471490

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PATENT  
REEL: 015983 FRAME: 0636

## CONFIRMING ASSIGNMENT OF PATENT RIGHTS

WHEREAS, Metal Improvement Company, Inc., a Delaware corporation (a wholly-owned subsidiary of Curtiss Wright Corporation) having a principal place of business at 10 Forest Avenue, Paramus, NJ 07652, hereinafter referred to as AASSIGNOR,@ and Metal Improvement Company LLC (a wholly-owned subsidiary of Curtiss Wright Corporation), a limited liability company formed under the laws of the State of Delaware, having a place of business at 10 Forest Avenue, Paramus, NJ 07652, hereinafter referred to as AASSIGNEE,@ have entered into an agreement under which certain patents and patent applications listed in ATTACHMENT A, including all rights in and to said patents and patent applications, in and to all international applications and all rights to apply for foreign patents based upon said patents and patent applications pursuant to the International Convention for the Protection of Industrial Property or otherwise; in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and in and to each and every reissue or extensions of any of said patents, hereinafter APATENT RIGHTS@, have been assigned from ASSIGNOR to ASSIGNEE; and

WHEREAS, ASSIGNOR and ASSIGNEE desire to confirm said earlier assignment of said PATENT RIGHTS.

For good and valuable consideration, receipt of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has assigned, and hereby does assign again to ASSIGNEE all right, title and interest in and to the PATENT RIGHTS including rights to recover for past infringement, and in and to any Letters Patent which may hereafter be granted on the same. The right, title and interest is to be held and enjoyed by ASSIGNEE and ASSIGNEE=s successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNOR had this assignment not been made, for the full term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

IN TESTIMONY WHEREOF, this Assignment is executed this 3rd day of November, 2004.

METAL IMPROVEMENT COMPANY, INC.

Signed: James V. Maher  
Print Name: JAMES V. MAHER  
Title: Assistant Secretary

ACCEPTED:

METAL IMPROVEMENT COMPANY, LLC

Signed: James V. Maher  
Print Name: JAMES V. MAHER  
Title: Assistant Secretary

**ATTACHMENT A****U.S. PATENT APPLICATIONS**

<b>APPLICATION NO.</b>	<b>FILING DATE</b>	<b>TITLE</b>	<b>INVENTORS</b>	<b>DOCKET NO.</b>
60/471,490	16 May 2003	Self-Seeded Single-Frequency Solid-State Ring Laser, and Single-Frequency Laser Peening Method and System Using Same	C. Brent Dane et al.	MICI 1001-1
10/696,989	30 Oct 2003	Self-Seeded Single-Frequency Solid-State Ring Laser, and Single-Frequency Laser Peening Method and System Using Same	C. Brent Dane et al.	MICI 1001-2
60/515,747	30 Oct 2003	Stimulated Brillouin Scattering Mirror System, High Power Laser and Laser Peening Method and System Using Same	C. Brent Dane et al.	MICI 1002-1
60/518,854	10 Nov 2003	Stimulated Brillouin Scattering Mirror System, High Power Laser And Laser Peening Method And System Using Same	C. Brent Dane et al.	MICI 1002-2
10/766,635	28 Jan 2004	Stimulated Brillouin Scattering Mirror System, High Power Laser and Laser Peening Method and System Using Same	C. Brent Dane et al.	MICI 1002-3
60/515,727	30 Oct 2003	Relay Telescope, High Power Laser Alignment System, And Laser Peening Method And System Using Same	C. Brent Dane et al.	MICI 1004-1
10/766,224	28 Jan 2004	Relay Telescope, High Power Laser Alignment System, and Laser Peening Method and System Using Same	C. Brent Dane et al.	MICI 1004-2

**FOREIGN PATENT APPLICATIONS**

<b>COUNTRY</b>	<b>APPLICATION NO.</b>	<b>FILING DATE</b>	<b>TITLE</b>	<b>INVENTORS</b>	<b>DOCKET NO.</b>
GB	0320315.5	29 Aug 2003	Self-Seeded Single-Frequency Solid-State Ring Laser, and Single-Frequency Laser Peening Method and System Using Same	C. Brent Dane et al.	MICI 1001-3
EP	04252704.4	10 May 2004	Self-Seeded Single-Frequency Solid-State Ring Laser, and Single-Frequency Laser Peening Method and System Using Same	C. Brent Dane et al.	MICI 1001-4
JP	2004-142668	12 May 2004	Self-Seeded Single-Frequency Solid-State Ring Laser, and Single-Frequency Laser Peening Method and System Using Same	C. Brent Dane et al.	MICI 1001-5
KR	34954/2004	17 May 2004	Self-Seeded Single-Frequency Solid-State Ring Laser, and Single-Frequency Laser Peening Method and System Using Same	C. Brent Dane et al.	MICI 1001-6
TW	93112757	06 May 2004	Self-Seeded Single-Frequency Solid-State Ring Laser, and Single-Frequency Laser Peening Method and System Using Same	C. Brent Dane et al.	MICI 1001-7