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the Director of the U.S. Patent and	Trademark Office. I least teet.

To the Director of the U.S. Patent and Trademark Office.	93606 ocuments or the new address (cs) helow.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Outokumpu Copper Franklin, Inc.	Name: Luvata Franklin, Inc.
Additional name(s) of conveying party(ies) attached? □ Yes ■ No	
3. Nature of conveyance/Execution Dates:	Internal Address:
Execution Date(s) May 1, 2006	internal reduces.
	Street Address: 4720 Bowling Green Road
□ Assignment □ Merger	Street Address. 4720 Bowling Green Road
☐ Security Agreement ■ Change of Name	City: Franklin
☐ Joint Research Agreement	State: KY
☐ Government Interest Assignment	Country: US Zip: 42134
☐ Executive Order 9424, Confirmatory License	Zip. 42154
Other	Additional name(s) and address(es) attached? □ Yes No ■
4. Application or patent number(s): A. Patent Application No.(s)	This document is being filed together with a new application. B. Patent No.(s) 6,182,743 6,176,301
Additional numbers attached? □ Yes ■ No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name:David L. Principe	7. Total fee (37 CFR 1.21(h) & 3.41) \$80
Internal Address: Hodgson Russ LLP	□ Authorized to be charged by credit card
	☐ Authorized to be charged to deposit account
Street Address: 140 Pearl Street, Suite 100	■ Enclosed □ None required (government interest not affecting title)
City: Buffalo	1 None required (government interest not arresting une)
State: New York Zip: 14202-4040	8. Payment Information
Phone Number: _(716) 856-4000	a. Credit Card Last 4 Numbers Expiration Date
	b. Deposit Account Number08-2442
Fax Number:(716) 849-0349	Authorized User Name Hodgson Russ LLP
Email Address: dprincip@hodgsonruss.com	Authorized User Name Hougson Russ LEX
9. Signature: Signature	March 25, 2008 53, 36 64 Date
David L. Principe	Cotal number of pages including cover heet, attachments, and documents: 3
Name of Person Signing	A) should be faxed to (571) 273-0140, or mailed to:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450



PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "OUTOKUMPU COPPER FRANKLIN, INC.", CHANGING ITS NAME FROM "OUTOKUMPU COPPER FRANKLIN, INC." TO "LUVATA FRANKLIN, INC.", FILED IN THIS OFFICE ON THE FIRST DAY OF MAY, A.D. 2006, AT 4:12 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

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Darriet Smith Windson

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 4711905

DATE: 05-02-06

PATENT REEL: 020753 FRAME: 0112

State of Delaware Secretary of State Division of Corporations Delivered 04:48 PM 05/01/2006 FILED 04:12 PM 05/01/2006 SRV 060403762 - 2365753 FILE

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

OF

OUTOKUMPU COPPER FRANKLIN, INC.

Under Section 242 of the Delaware General Corporation Law

- The name of the corporation is Outokumpu Copper Franklin, Inc. (the "Corporation").
- The Certificate of Incorporation of the Corporation shall be amended to change the name of the Corporation. To effect such amendment, Article First of the Certificate of Incorporation is hereby amended to read in its entirety as follows:

"FIRST: The name of the Corporation is:

Luvata Franklin, Inc."

The Board of Directors of the Corporation duly adopted a resolution setting forth the amendment set forth above and declaring its advisability. Such amendment has been duly adopted by written consent of the sole stockholder of the Corporation in accordance with Sections 228 and 242(b) of the General Corporation Law of the State of Delaware.

WHEREFORE, the undersigned has executed this Certificate as of this 1st day of May, 2006.

OUTOKUMPU COPPER FRANKLIN, INC.

Name: Robert B. Fleming, Jr.

Title: Assistant Secretary

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RECORDED: 03/31/2008

REEL: 020753 FRAME: 0113

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