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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings ➪ ➪ ➪ ▼	V V
	oner for Patents:
Please record the attached ori 1. Name of conveying party(ies): MICHAEL J. LEAP Additional name(s) of conveying party(ies) attached? Tes No 3. Nature of conveyance: X Assignment Merger	2. Name and address of receiving party(ies) Name: THE TIMKEN COMPANY Street Address: 1835 Dueber Annuel S.W. Canton, Ohio 44706-2798 Additional name(s) & address(es) attached? Yes No Telegraphy
□ Security Agreement □ Change of Name □ Other Execution Date: February 18, 2002	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s): If this document is being filed together with a new the execution date of the application is:	v application,
A. Patent Application No.(s)	B. Patent No.(s)
Addit:onal numbers attached? Yes No Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed: Name: Kent E. Baldauf	7. Total fee (37 CFR 3.41)\$\\\\40.00
Internal Address: Webb Ziesenheim Logsdon Orkin & Hanson, P.C. Street Address: 700 Koppers Building	■ Enclosed 40€ 7.29. □ Authorized to be charged to deposit account
436 Seventh Avenue	8. Deposit account number:
City: Pittsburgh State: PA ZIP: 15219-1818 DO NOT US	(Attach triplicate copy of this page if paying by deposit account;
is a true copy of the original document. Kent E. Balclauf, Reg. No. 25,826 Name of Person Signing Signs	ing information is true and correct and any attached copy April 22, 2002 Date
Total number of pages including cover sheet	, attachments and document 2

PATENT REEL: 013124 FRAME: 0930

ASSIGNMENT

WHEREAS, I, MICHAEL J. LEAP, residing in Massillon, Ohio, have invented certain new and useful improvements in METHOD OF POST-SOLIDIFICATION PROCESSING TO REDUCE THE CONTENT OF COARSE GRAIN-REFINING PRECIPITATES IN LOW-CARBON, HIGH-STRENGTH STEELS for which a patent application was filed in the United States Patent and Trademark Office on January 28, 2002, and bears Serial No. 10/048,293, which is the U.S. National Phase of International Application. No. PCT/US00/40483, filed July 26, 2000, now Publication No. WO 01/07667, published February 1, 2001;

AND, WHEREAS, THE TIMKEN COMPANY, a corporation of Ohio, having a place of business at 1835 Dueber Avenue, S.W., Canton, Ohio 44706-2798, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said applications and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said applications and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Assistant Commissioner for Patents is requested to issue such Letter. Patent in accordance herewith. I covenant that I am the lawful owner of the said applications, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that I have the full right to make this assignment.

And for the consideration aforesaid, I agree that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, and make all rightful oaths to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon my heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED 2/18, 2002. Michael J. Leap

RECORDED: 04/30/2002

PATENT REEL: 013124 FRAME: 0931