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SHEET

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To the Honorable Commissioner

103593418

Attorney Docket No. 540-032.003

attached original documents or copy thereof.

1. Name of conveying party(ies):

Erkki HELANTO and Mikael SILFVENIUS

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

**INDREF OY
Metallitie 2
FI-10440 Bollsta
FINLAND**

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date: **February 15, 2010**

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☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

12/657,294

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

**Alfred A. Fressola
Ware, Fressola, Van Der Sluys & Adolphson LLP
Bradford Green, Building Five
755 Main Street
P.O. Box 224
Monroe, CT 06468-0224**6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ **40.00** ☒ Enclosed
☐ Authorized to be charged to credit card as shown on attached form PTO-20388. Deposit account number: **23-0442**
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*To the best of my knowledge and belief, the foregoing information is true and correct and any attachment copy is a true copy of the original document.***Alfred A. Fressola, Reg. No. 27,550**

Name of Person Signing

Signature

March 23, 2010

Date

Total number of pages including cover sheet, attachments, and document: 3

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PATENT

| REEL: 024172 FRAME: 0718

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, **Erkki HELANTO**, a citizen of Finland residing at Gunnarskullantie 18, FI-02400 Kirkkonummi, Finland and **Mikael SILFVENIUS**, a citizen of Finland residing at Horsbackantie 312, FI-10600 Tammisaari, Finland, hereby sell, assign and transfer to **INDREF OY**, an organization duly organized and existing under the laws of Finland, and having a principal place of business at Metallitie 2, FI-10440 Bollsta, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in a ***Repairable Slide Shutter Plate and/or Bottom Nozzle Brick and Methods for the Manufacture and Repair of a Repairable Slide Shutter Plate and/or Bottom Nozzle Brick***, which is described in an application for Letters Patent of the United States filed on **January 15, 2010**, now bearing U.S. Patent Application Serial No. **12/657,294**; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions in all countries be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said