

01-24-2001

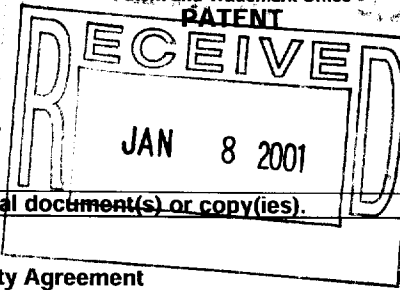


FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

101591905

U.S. Department of Commerce
Patent and Trademark Office -

PATENT



1.8.01

RECORDATION FORM COVER SHEET PATENTS ONLY

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
 - Merger
 - Security Agreement
 - Change of Name
 - Other
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- Departmental File
 - Secret File

Conveying Party(ies)

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Name (line 1) Execution Date
Month Day Year

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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 is attached. (Designation must be a separate document from Assignment.)

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01/23/2001 6TON11 00000243 09144003

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

PATENT
REEL: 011439 FRAME: 0346

Correspondent Name and Address

Area Code and Telephone Number

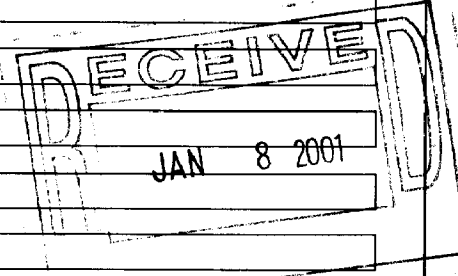
Name Kevin J. Garber, Esquire

Address (line 1) Babst Calland Clements & Zomnir, P.C.

Address (line 2) Two Gateway Center, 8th Floor. Pittsburgh, PA 15222

Address (line 3)

Address (line 4)



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

6

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

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

Patent Application Number(s)

Patent Number(s)

09144003 09572243 09315667
09435734 09659799 60134722
60136194 60153775 60118558

[Empty boxes for Patent Number(s)]

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT [] PCT [] PCT []
PCT [] PCT [] PCT []

Number of Properties

Enter the total number of properties involved.

12

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 480

Method of Payment:
Deposit Account

Enclosed 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.

Kevin J. Garber

01/05/2001

Name of Person Signing

Signature

Date

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

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Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Name (line 1)

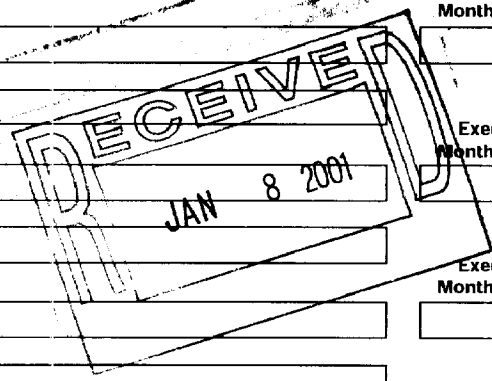
Name (line 2)

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Execution Date
Month Day Year



Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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Name (line 2)

Address (line 1)

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Application Number(s) or Patent Number(s)

Mark if additional numbers attached

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

Patent Application Number(s)

Patent Number(s)

60119357

60124328

09437974

ASSIGNMENT

ASSIGNOR: Danieli Corporation, a Delaware Corporation having its principal office and place of business at 800 Cranberry Woods Drive, Suite 400, Cranberry Township, PA 16066 ("ASSIGNOR")

ASSIGNEE: Danieli Technology, Inc., a Delaware Corporation having its principal office and place of business at 800 Cranberry Woods Drive, Suite 400, Cranberry Township, PA 16066 ("ASSIGNEE")

ASSIGNOR is the owner of record in the United States Patent and Trademark Office for the patent applications listed in the attached Schedules A, B, and C.

ASSIGNEE is desirous of acquiring all right, title and interest in, to and under the patent applications listed in Schedules A, B, and C and the inventions covered thereby (hereinafter the "PROPERTY").

Therefore, for good and valuable consideration, the receipt thereof which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to ASSIGNEE the aforementioned PROPERTY and the invention covered thereby, the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the terms for which the said PROPERTY has been or will be granted, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this assignment and sale had not been made; together with all claims by ASSIGNOR for damages by reason of past infringement of the patents, with the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives.

ASSIGNOR agrees that it will, by its officers, employees, legal representatives or other persons duly authorized, communicate to ASSIGNEE or the representatives thereof any facts known to it respecting said inventions, and will, upon request, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by ASSIGNEE or by counsel for ASSIGNEE, to assist or enable ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned. ASSIGNOR additionally agrees to execute short form copies of this assignment or portions thereof regarding any or all of the aforementioned PROPERTY, as required by ASSIGNEE in the future.

ASSIGNOR agrees to waive all rights and privileges to attack the utility, novelty or validity of the aforesaid existing patents or applications which ASSIGNOR has assigned as against any one claiming a right under the aforementioned PROPERTY under ASSIGNOR's assignment or grant.

ASSIGNOR warrants that it is the owner of the PROPERTY listed on this attached schedule, and that the PROPERTY is free of all liens, security interests, claims or other encumbrances except where specifically noted. Where a patent is subject to a license, the license shall be identified by date of the agreement and the names of the parties.

IN WITNESS WHEREOF, Danieli Corporation has caused its name to be signed

by its duly authorized representative and its corporate seal to be affixed hereto this 8th day of

DECEMBER, 2000.

DANIELI CORPORATION

By Mark M. Brandon
Mark M. Brandon, President

State of Pennsylvania

County of Butler

On this 8th day of December, 2000 before me personally came Mark M. Brandon to me known, who being duly sworn, did depose and say that he is President of Danieli Corporation, and that he executed the above assignment on behalf of said corporation with authority to do so.

Louella R. Miller
Notary Public

[NOTARIAL SEAL]

Notarial Seal
Louella R. Miller, Notary Public
Cranberry Twp., Butler County
My Commission Expires July 19, 2001
Member, Pennsylvania Association of Notaries

SCHEDULE A

ACTIVE U.S. PATENT APPLICATIONS TO BE ASSIGNED FROM DANIELI CORPORATION TO DANIELI TECHNOLOGY, INC.

| <u>Serial No.</u> | <u>Filing Date</u> | <u>Title</u> |
|-------------------|--------------------|--|
| 09/144,003 | 8/31/98 | Apparatus and Method for Continuous Removal of Oxides from Metal |
| 09/572,243 | 5/17/00 | Electric Arc Furnace for Continuous Charging with Ferrous Materials and Semicontinuous Tapping of Molten Steel |
| 09/315,667 | 5/20/99 | High Speed Pickling With Recycling of Acid |
| 09/435,734 | 11/8/99 | Electromagnetic Braking Process in the Outlet Channel of a Furnace |
| 09/659,799 | 9/12/00 | High Temperature Premelting Apparatus |

SCHEDULE B

PCT APPLICATIONS TO BE ASSIGNED FROM DANIELI CORPORATION TO DANIELI TECHNOLOGY, INC.

| <u>Serial No.</u> | <u>Filing Date</u> | <u>Title</u> |
|-------------------|--------------------|--|
| US99/11212 | 5/20/99 | Apparatus and Method for Continuous Removal of Oxides from Metal |
| US00/13257 | 5/15/00 | High Speed Pickling Bath Control |
| US00/13594 | 5/17/00 | Electric Arc Furnace for Continuous Casting |
| US00/14415 | 5/24/00 | Electromagnetic Braking in a Furnace |
| US00/25100 | 9/12/00 | High Temperature Premelting Apparatus |

SCHEDULE C

EXPIRED/INACTIVE/ABANDONED U.S. PATENT APPLICATIONS TO BE ASSIGNED FROM DANIELI CORPORATION TO DANIELI TECHNOLOGY, INC.

| <u>Serial No.</u> | <u>Filing Date</u> | <u>Title</u> |
|--|--------------------|--|
| 60/134,722 Provisional | 5/18/99 | Melting Process in an Electric Arc Furnace Charged in Continuous with Ferrous Materials and Semicontinuous Tapping of Liquid Steel |
| 60/136,194 Provisional | 5/25/99 | Electromagnetic Braking Process of the Liquid Steel in the Outlet Channel from the Furnace |
| 60/153,775 Provisional | 9/14/99 | High-Temperature Premelting Apparatus |
| 60/118,558 Provisional ABANDONED | 2/4/99 | High Speed Pickling Bath Control |
| 60/119,357 Provisional ABANDONED | 2/9/99 | Reduced Emissions Fume Exhaust Connection for Storage Tanks |
| 60/124,328 Provisional ABANDONED | 3/13/99 | Quenching for Improved Hot Charging Quality |
| 09/437,974 ABANDONED | 11/10/99 | Tension Leveler Upper Cassette Rollover Device |