

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence or, if this paper is a transmittal letter, every other paper or fee referred to therein, is being deposited electronically, via facsimile at (703) 306-5995 to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

Date: June 2, 2003Name: Melissa ScanzilloSignature: *Melissa Scanzillo*Clifford Chance US LLP

Docket No. 6840-008

Commissioner of Patents

Mail Stop Assignment

P.O. Box 1450

Alexandria, VA 22313-1450

Please record the attached original document(s) or copy(ies) thereof:

Conveying party(ies):

(name)	(Exec. date)
Thermal Dynamics Corporation	5/23/03

Receiving party:

Deutsche Bank Trust Company Americas
Corporate Trust & Agency Services
MS NYC03-0912
280 Park Avenue
New York, NY 10017

Conveyance Type:

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> Assignment | <input checked="" type="checkbox"/> Security Agreement |
| <input type="checkbox"/> License | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Merger | <input type="checkbox"/> Other _____ |

Submission Type:

- | | |
|---|-------------|
| <input checked="" type="checkbox"/> New | |
| <input type="checkbox"/> Resubmission: Doc. ID# _____ | |
| <input type="checkbox"/> Correction of PTO error | Reel _____ |
| <input type="checkbox"/> Corrective Document | Frame _____ |

Application or Patent Number(s):

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

Patent Application Number(s)

07/682,727

Patent Number(s)

6,498,316	6,369,350	RE37,608	6,350,960
6,337,460	6,163,008	5,990,443	5,961,855
5,825,642	5,530,220	5,266,776	5,189,277
5,170,030	D314,086	4,954,683	D302,097
4,782,210	4,748,312	4,691,094	4,663,515
4,663,512	4,585,921	4,581,516	4,558,201

Correspondence Address:*Melissa Scanzillo***CLIFFORD CHANCE US LLP**

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Number of Properties:Total number of properties involved: 25**Fee:**Total fee under 37 CFR 1.21(h) (\$40/per) **\$1,000.00**☐ Enclosed

☒ Authorized to charge to Deposit Account Number: **50-0521**. A duplicate copy of this cover sheet is attached.

☒ Please apply any additional fee or any credits to Deposit Account 50-0521.

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.

Melissa Scanzillo*Melissa Scanzillo*
SignatureJune 2, 2003

Date

PATENT SECURITY AGREEMENT

PATENT SECURITY AGREEMENT, dated as of May 23, 2003, by THERMAL DYNAMICS CORPORATION, a Delaware corporation (the "**Grantor**"), in favor of DEUTSCHE BANK TRUST COMPANY AMERICAS, in its capacity as Collateral Agent, for the benefit of itself and the New Term Lenders (the "**Agreement**").

WHEREAS, the Grantor owns the letters patent, and/or applications for letters patent, of the United States of America, more particularly described on Schedule 1-A annexed hereto as part hereof (the "**Patents**");

WHEREAS, pursuant to the Credit Agreement, the Grantor has entered that certain Security Agreement (as the same may be amended, amended and restated, supplemented or otherwise modified, renewed or replaced from time to time, the "**Security Agreement**", the terms defined therein and not otherwise defined herein being used herein as therein defined) in favor of the Collateral Agent, for the benefit of itself and the New Term Lenders; and

WHEREAS, pursuant to the Security Agreement, the Grantor has granted to the Collateral Agent, for the benefit of itself and the New Term Lenders, a security interest in all right, title and interest of Grantor in and to the Patents, together with all registrations and recordings thereof, including, without limitation, applications, registrations and recordings in the United States Patent and Trademark Office (the "**PTO**") or in any similar office or agency of the United States, any State thereof or any other country or any political subdivision thereof, all whether now or hereafter owned or licensable by Grantor, and all reissues, continuations, continuations-in-part, term restorations or extensions thereof, all Patent Licenses and all proceeds of all of the foregoing, including, without limitation, any claims by Grantor against third parties for infringement thereof for the full term of the Patents (the "**Collateral**"), to secure the prompt payment and performance of the Obligations.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Grantor does hereby further confirm, and put on the public record, its grant to the Collateral Agent, for the benefit of itself and the New Term Lenders, of a security interest in and mortgage on the Collateral to secure the prompt payment and performance of the Obligations.

The Grantor does hereby further acknowledge and affirm that the rights and remedies of Collateral Agent, for the benefit of itself and the New Term Lenders, with respect to the assignment of and grant of a security interest in the Collateral made hereby are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

The Collateral Agent's address is Deutsche Bank Trust Company Americas Corporate Trust & Agency Services – MS NYC03-0912, 280 Park Avenue, New York, NY 10017.

IN WITNESS WHEREOF, the parties hereto duly executed or caused this Supplement to Security Agreement to be duly executed as of [1] the date first written above

THERMAL DYNAMICS CORPORATION

By: _____

Name:

James H. Tate

Title:

Senior Vice President

**DEUTSCHE BANK TRUST COMPANY
AMERICAS**

By: _____

Name:

RICHARD L. BUCKWALTER

Title:

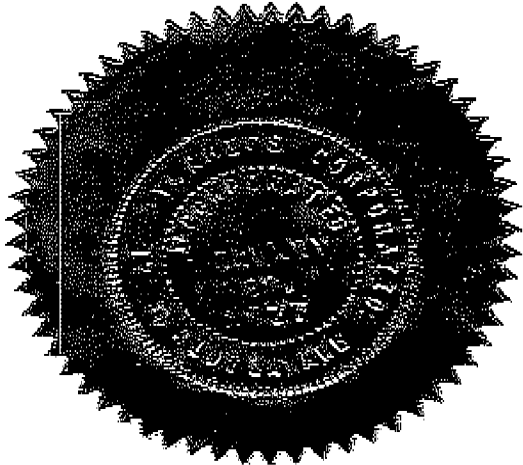
VICE PRESIDENT

STATE OF New York)
COUNTY OF New York) ss.:

On this 22nd day of May, 2003, before me personally appeared James H. Tate, to me known, who, being by me duly sworn, did depose and say that he/she resides at 17605 Casandra Dr., Chesterfield, MO 63005 and that he/she is Senior Vice President of the Grantor; that he/she knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was affixed pursuant to authority of the Board of Directors of said corporation and that he/she signed his/her name thereto in his/her capacity as an authorized officer of said corporation pursuant to such authority.

Patricia Peterson
Notary Public

PATRICIA PETERSON
Notary Public, State of New York
No. 01PE4978514
Qualified in New York County
Commission Expires March 4, 2007



**U.S. PATENTS IN THE NAME OF
THERMAL DYNAMICS CORPORATION**

Title	Application No.	Patent No.	Issue Date
Plasma torch and method for underwater cutting	09/693,480	6,498,316	12/24/02
Plasma-arc torch system with pilot re-attach circuit and method	09/870,272	6,369,350	4/9/02
Plasma torch electronic pulsing circuit	08/352,389	RE37,608	3/26/02
Parts-in-place safety reset circuit and method for contact start plasma-arc torch	09/724,984	6,350,960	2/26/02
Plasma arc torch and method for cutting a workpiece	09/772,260	6,337,460	1/8/02
Plasma arc torch	09/457,944	6,163,008	12/19/00
Plasma torch pilot arc circuit	09/041,202	5,990,443	11/23/99
Low voltage electrical based parts-in-place (PIP) system for contact start torch	09/014,491	5,961,855	10/5/99
Power supply apparatus	08/863,137	5,825,642 ¹	10/20/98
Plasma torch arc transfer circuit	08/225,881	5,530,220	8/25/96
Plasma arc cutting and welding tip	07/927,009	5,266,776	11/30/93
Modular, stackable plasma cutting apparatus	07/682,727	5,189,277	2/23/93
Plasma torch electronic pulsing circuit	07/762,852	5,170,030	12/8/92
Plasma torch electronic pulsing circuit (CIP of 5,170,030)	07/682,727		4/8/91 ²
Case	29/064,930	D314,086	1/29/91
Plasma arc gouger	07/358,416	4,954,683	9/4/90
Plasma arc torch with angled head	29/823,858	D302,097	7/11/89
Ridged electrode	07/067,017	4,782,210	11/1/88
Plasma-arc torch with gas cooled blow-out electrode	06/850,504	4,748,312	5/31/88
Plasma-arc torch with sliding gas valve interlock	06/865,256	4,691,094	9/1/87
Plasma-arc torch interlock with flow sensing	06/794,389	4,663,515	5/5/87
Plasma-arc torch interlock with pressure sensing	06/794,288	4,663,512	5/5/87
Torch operation interlock device	06/515,950	4,585,921	4/29/86
Plasma torch with a common gas source for the plasma and for the secondary gas flows	06/515,913	4,581,516	4/8/86
Plasma-arc torch with gas cooled blow-out electrode	06/679,913	4,558,201	12/10/85

¹ Assignment made herewith is only for Thermal Dynamic Corporation's interest in such patent.

² This is the filing date, not the issuing date.