



Tab settings

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Send original documents or copy thereof.

1. Name of conveying party(ies):

Tropel Corporation  
60 O'Connor Road  
Fairport, NY 14450

MLD  
1-4-99

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

Name: Citibank, N.A.  
Internal Address: The Citibank Private Bank

1999 JAN -4 PM 2:30

CPR/FINANCE

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Street Address: 153 East 53rd Street,  
56th Floor  
City: New York State: NY ZIP: 10043

Execution Date: 12/29/98

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 application, the execution date of the application is:

A. Patent Application No.(s): 08/733,705;  
08/866,540; 08/885,419; 08/975,145;  
08/941,120; 09/057,904

B. Patent No.(s): 4,277,141; 4,325,637;  
4,436,424; 4,470,642; 5,155,554;  
5,220,590; 5,353,322; 5,281,996;  
5,349,434; 5,428,482; 5,452,054;  
5,416,586; 5,532,821; 5,650,877;  
5,654,798; 5,684,594; 5,719,676;

Additional numbers attached?  Yes  No See attached continuation

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

Name: Thomas R. Burns, Esquire  
Internal Address: Phillips, Lytle, Hitchcock,  
Blaine & Huber LLP  
Street Address: 1400 First Federal Plaza  
City: Rochester State: NY ZIP: 14614

6. Total number of applications and patents involved: 27

7. Total fee (37 CFR 3.41): \$ 1,080.00

- Enclosed 1080E
- Authorized to be charged to deposit account

8. Deposit account number:  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.

Thomas R. Burns  
Name of Person Signing

*Thomas R. Burns*  
Signature

12/29/98  
Date

Total number of pages comprising cover sheet: 1


4.B Patent Nos.(continued)

5,724,137; 5,757,493; 5,777,738;  
5,723,488.

NOTICE OF SECURITY INTEREST

Notice is hereby given that Tropel Corporation, with its principal place of business located at 60 O'Connor Road, Fairport, New York 14450 ("**Company**") has granted a security interest to Citibank, N.A., a national banking association with its principal place of business located at 153 East 53rd Street, New York, New York 10043 ("**Secured Party**") in and to all of the Company's letters patent and applications therefor, including, without limitation, those listed on Schedule A attached hereto, pursuant to a Security Agreement between the Company and the Secured Party dated December 29, 1998, as the same may be amended or supplemented from time to time.

Dated: December 29, 1998

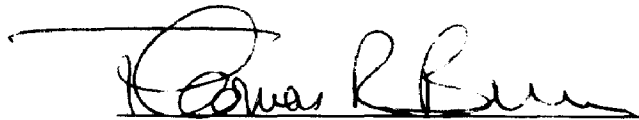
TROPEL CORPORATION  
By:   
Robert C. Miller, Vice President Finance

STATE OF NEW YORK)

ss.:

COUNTY OF MONROE )

On the 29 day of December, in the year 1998, before me, personally came Robert C. Miller, to me known, who, being by me duly sworn, did depose and say that he resides at Monroe County, New York, that he is the Vice President Finance of Tropel Corporation, the corporation described in and which executed the foregoing instrument.

  
Notary Public

THE CLERK OF THE COURT  
County of Monroe, State of New York  
120 1/2 Court Street  
By Commission Expires: 01, 1999

SCHEDULE A

PATENTS & PATENT APPLICATIONS

Invention	Filing Date of Application or Issuance Date of Letters Patent	Application or Letters Patent No.
Multifaceted Mirror and Assembly Fixture and Method of Making Such Mirror	July 7, 1981	4,277,141
Phase Modulation of Grazing Incidence Interferometer	April 20, 1982	4,325,637
Interferometer Using Transverse Deviation of Test Beam	March 13, 1984	4,436,424
Integrated Metrology for Microlithographic Objective Reducing Lens	December 13, 1988	4,790,642
Large Aperture Reflective Interferometer for Measuring Convex Spherical Surfaces	October 13, 1992	5,155,554
X-ray Projection Lithography Camera	June 15, 1993	5,220,590
Lens System for X-ray Projection Lithography Camera	October 4, 1995	5,353,322
Photolithographic Reduction Imaging of Extended Field	January 25, 1994	5,281,996
Method of Measuring Artifact Taper	September 20, 1994	5,349,434
Decoupled Mount for Optical Element and Stacked Annuli Assembly	June 27, 1995	5,428,482
Variable Annular Illuminator for Photolithographic Projection Imager	September 19, 1995	5,452,054
Method of Testing Aspherical Optical Surfaces with an Interferometer	May 16, 1995	5,416,586
Testing of Recessed Surfaces at Grazing Incidence	July 2, 1996	5,532,821
Imaging System for Deep Ultraviolet Lithography	July 22, 1997	5,650,877


Invention	Filing Date of Application or Issuance Date of Letters Patent	Application or Letters Patent No.
Interferometric Measurement of Surfaces with Diffractive Optics at Grazing Incidence	August 5, 1997	5,654,798
Fixturing of Objects between Diffraction Gratings of Interferometer	November 4, 1997	5,684,594
Diffraction of Management for Grazing Incidence Interferometer	February 17, 1998	5,719,676
Fringe Pattern Discriminator for Interferometer Using Diffraction Gratings	March 3, 1998	5,724,137
Interferometer with Catadioptric Imaging System Having Expanded Range of Numerical Aperture	May 26, 1998	5,757,493
Interferometric Measurement of Absolute Dimensions of Cylindrical Surfaces at Grazing Incidence	July 7, 1998	5,777,738
Interferometer with Compound Optics for Measuring Cylindrical Objects at Oblique Incidence	August 11, 1998	5,793,488
<b><u>Patent Applications</u></b>		
Interferometric Measurement of Toric Surfaces at Grazing Incidence	October 17, 1996	08/733,705
Interferometer for Measuring Thickness Variations of Semiconductor Wafers	May 30, 1997	08/866,540
Interferometric Measurement of Surfaces with Diffractive Optics and Planar Wavefront Imaging		08/885,419
Grazing Incidence Interferometry for Measuring Transparent Plane-Parallel Plates	November 20, 1997	08/975,145
Raster-Scan Photolithographic Reduction System	September 30, 1997	08/941,120
Photolithographic Reduction System	April 9, 1998	09/057,904

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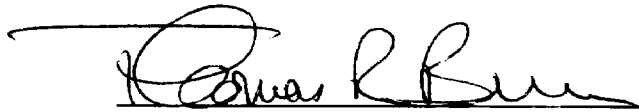
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Robert C. Miller, Vice President Finance

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Notary Public

THOMAS R. E. BURNS  
Notary Public, State of New York  
Qualified in Monroe County  
My Commission Expires October 31, 1999

SCHEDULE A

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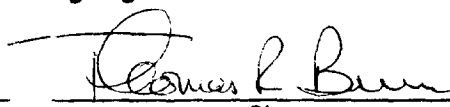
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Thomas R. Burns  
Name of Person Signing

  
Signature

12/29/98  
Date

Total number of pages comprising cover sheet: 2

**PATENT**

4.B Patent Nos.(continued)

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5,723,488.