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Patent and Trademark Office
Attorney Docket No.: MEIP122170

To the Commissioner for Patents: Please record the attached original 102705013 102705013 thereof.

1. Submission Type
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2. Conveyance Type:
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3. Names of conveying parties: Execution Date:
Toshitaka Shimomura **March 16, 2004**
Shingo Nihommori **March 16, 2004**
Miyako Mizutani **March 16, 2004**
Eric Herbert Altendorf **March 16, 2004**
Joseph Daniel Tobiason **March 16, 2004**

4. Name and address of receiving party:
 Name: **Mitutoyo Corporation**
 Address: **20-1, Sakado 1-chome, Takatsu-ku
 Kawasaki-shi, Kanagawa-ken
 213-0012 Japan**

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

Additional name(s) & address(es) attached? Yes No

5. Application number(s) and/or patent number(s): **10804636**
 A. Patent Application No(s). B. Patent No(s).
 Additional numbers attached? Yes No

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: **March 16, 2004**

6. Name and address of party to whom correspondence concerning document should be mailed:
 Shoko I. Leek, Esq.
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 206.682.8100

7. Total number of applications and/or patents involved: **1**

8. Total fee (37 C.F.R. 3.41):..... **\$40.00**
 Enclosed Check No. **154434** includes the recordation fee.

9. The fee is authorized to be charged to Deposit Account No. 03-1740. (A duplicate copy of this page is enclosed.)

10. The Director is hereby authorized to charge any fees under 37 C.F.R. § 3.41 which may be required by this paper, or credit any overpayment, to Deposit Account No. 03-1740.

03/23/2004 EFDRES 00000030 10804636
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11. 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.

Shoko I. Leek **3/19/04**
 Name of Attorney or Agent Signature Date
 Registration No. 43,746
 Direct Dial 206.695.1780
 Total number of pages, including cover sheet, attachments, and document: 5

22859 U.S. PTO
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SIL:vas

WORLDWIDE ASSIGNMENT

WHEREAS, we, Toshitaka Shimomura, having an address of 24, Kiyohara Kogyo-danchi, Utsunomiya-shi, Tochigi 321-3231, Japan; Shingo Nihommori, having an address of 20-1, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012, Japan; Miyako Mizutani, having an address of 20-1, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012, Japan; Eric Herbert Altendorf, residing at 14109 61st Place West, Edmonds, Washington 98026; and Joseph Daniel Tobiason, residing at 18914 Northeast 186th Place, Woodinville, Washington 98077, are the inventors named in an application for Letters Patent of the United States, entitled IMPROVED OPTICAL CONFIGURATION FOR IMAGING-TYPE OPTICAL ENCODERS, executed by Toshitaka Shimomura on March 16, 2004; by Shingo Nihommori on March 16, 2004; by Miyako Mizutani on March 16, 2004; by Eric Herbert Altendorf on March 16, 2004; and by Joseph Daniel Tobiason on March 16, 2004;

AND, WHEREAS, Mitutoyo Corporation, a Japanese corporation, having a principal place of business at 20-1, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa-ken, 213-0012 JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring our entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE our entire right and title to and interest in said application and said invention, including the right to apply for international patents and patents thereon in foreign countries in our name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by us had this sale, assignment and transfer not been made, and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to us.

Executed at Kawasaki-shi (city), Japan (country), this
16 day of March, 2004.



Toshitaka Shimomura

Witnessed by: _____
Date: 16 March, 2004

Executed at Kawasaki-shi (city), Japan (country), this
16 day of March, 2004.

Shingo Nihommori
Shingo Nihommori

Witnessed by: _____
Date: 16 March, 2004

Executed at Kawasaki-shi (city), Japan (country), this
16 day of March, 2004.

Miyako Mizutani
Miyako Mizutani

Witnessed by: _____
Date: 16 March, 2004

Executed at Kirkland (city), Washington (state), this 16th
day of March, 2004.

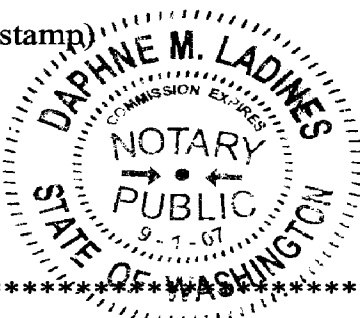
Eric Herbert Altendorf
Eric Herbert Altendorf

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

I certify that I know or have satisfactory evidence that Eric Herbert Altendorf is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: March 16, 2004

(Seal or stamp)



Daphne M. Ladines
Signature
Printed Name: Daphne M. Ladines
Notary Public
My appointment expires 9-1-07

Executed at Kirkland (city), Washington (state), this 16th
day of March, 2004.

Joseph Daniel Tobiason
Joseph Daniel Tobiason

STATE OF WASHINGTON)

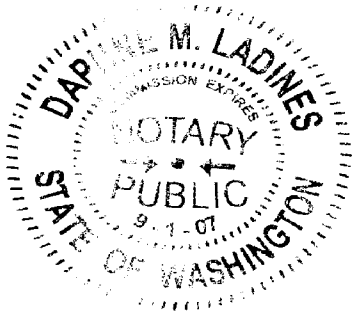
) ss.

COUNTY OF KING)

I certify that I know or have satisfactory evidence that Joseph Daniel Tobiason is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: March 16, 2004

(Seal or stamp)



SIL:vas

Daphne M. Ladines

Signature

Printed Name: Daphne M. Ladines

Notary Public

My appointment expires 9-1-07