

05-14-2001



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**PATENTS ONLY**

Our Ref.: 160-322

Commissioner of Patents and Trademarks  
Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): HELIOS INC.</p> <p style="text-align: center; font-size: 2em;">5-8-01</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Assignment      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other</p> <p>Execution Date: <u>April 24, 2001</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>NKK Corporation</u>  Internal Address: _____  Street Address: <u>1-2, 1-Chome, Marunouchi, Chiyoda-Ku,</u>  _____  _____  City: <u>Tokyo</u>  State/Country: <u>Japan</u>  Zip: _____</p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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: N/A

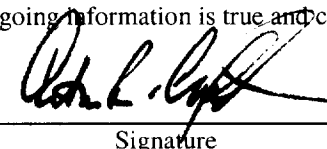
<p>A. Patent Application No(s).  (1) _____  (2) _____  (3) _____</p>	<p>B. Patent No(s).  (1) <u>6,219,482</u>  (2) _____  (3) _____</p>
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Additional numbers attached  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Arthur R. Crawford</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon &amp; Vanderhye P.C.</u>  <u>1100 North Glebe Road</u>  <u>8<sup>th</sup> Floor</u>  City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u>  <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No. 14-1140.</b></p>
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**DO NOT USE THIS SPACE**

9. Statements 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.

<p><u>Arthur R. Crawford</u>  Name of Person Signing  Reg. No. 25,327</p>	 Signature	<p><u>May 8, 2001</u>  Date</p>
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Total number of pages including **original** cover sheet, attachments, and document: [2]

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01 FC:541 40.00 DP

**ASSIGNMENT**

We, HELIOS INC., a Japanese corporation, located at 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa-ken 210-0855, Japan the owner of the following U.S. Patent Application;

PATENT APPLICATION NO.	DATE FILED	INVENTOR	TITLE OF INVENTION
09/194,574	NOV. 27, 1998	A. MATSUZAKI ET AL.	METALLIC TUBES FOR HOUSING OPTICAL FIBERS AND PROCESS FOR PRODUCING THE SAME

hereby assign the entire right, title and interest in said U.S. Patent Application, onto NKK CORPORATION, a Japanese corporation, located at 1-2, 1-Chome, Marunouchi, Chiyoda-Ku, Tokyo, Japan, their successors, assigns, or other legal representatives.

The undersigned is authorized to sign this document on behalf of HELIOS INC.

EXECUTED THIS 24th DAY OF April , 2001

HELIOS INC.

By   
 Name: Hiroshi Kagechika  
 Title: President