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To the Honorable Assistant Secretary and Commissioner of Patent  
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Execution Date: December 1, 2000

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

Name: Yasuhiro KoikeStreet Address: 534-23, Ichigaocho, Aoba-ku,  
Yokohama-shiCity: Kanagawa 225-0024 Country: JapanAdditional name(s) & address(es) attached? 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)

B. Patent No.(s)

5,450,232, issued September 12, 1995Additional numbers attached? No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: WENDEROTH, LIND & PONACK, L.L.P.  
Attn: Michael R. Davis, Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 200066. Total number of applications and patents involved:  
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*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.*Michael R. Davis, Reg. No. 25,134  
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# ASSIGNMENT

WHEREAS, NIPPON PETROCHEMICALS CO., LTD. of 3-1, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011, Japan is the owner of the entire right, title and interest in U.S. Letters Patent 5,450,232, issued September 12, 1995, and entitled POLYMER OPTICAL FIBER AMPLIFIER based on an application filed on behalf of Keisuke SASAKI and Yasuhiro KOIKE as inventors, as evidenced by an Assignment recorded June 16, 1995 in the U.S. Patent and Trademark Office at Reel 7511, Frame 0403, and

WHEREAS, Yasuhiro KOIKE of 534-23, Ichigaocho, Aoba-ku, Yokohama-shi, Kanagawa 225-0024, Japan is desirous of acquiring the entire right, title and interest in said U.S. Letters Patent 5,450,232,

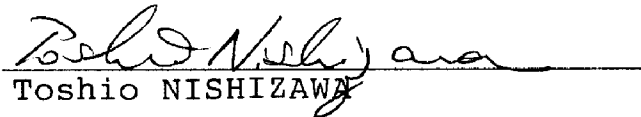
NOW THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid by said Yasuhiro KOIKE to said NIPPON PETROCHEMICALS CO., LTD., of which receipt is hereby acknowledged, said NIPPON PETROCHEMICALS CO., LTD., by its undersigned duly-authorized representative, hereby does sell and assign its entire right, title and interest in said U.S. Letters Patent 5,450,232 to said Yasuhiro KOIKE, his successors and assigns.

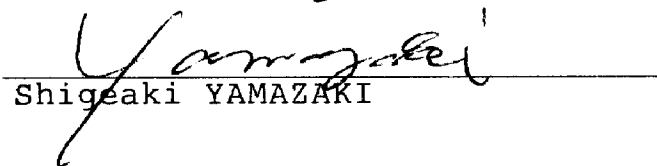
Signed this 1st day of December, 2000

For NIPPON PETROCHEMICALS CO., LTD.



Title: Director  
General Manager

Witness:   
Toshio NISHIZAWA

Witness:   
Shigeaki YAMAZAKI