

10-08-1999

ASSIGNMENT



R SHEET Patents Only

To the Honorable Commissioner of Patents  
Please record the attached original document.

101168388

orney Dkt. No.: 41309/190711

10534 U.S. PTO  
09/30/99  
09/30/99

1. Name of conveying party(ies):

1. Seiji TOYODA
2. Saburo IMAMURA
3. Satoru TOMARU
4. Takashi KURIHARA
5. Koji ENBUTSU
6. Shoichi HAYASHIDA
7. Tohru MARUNO

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

NIPPON TELEGRAPH AND TELEPHONE  
CORPORATION  
3-1 Otemachi 2-chome, Chiyoda-ku  
Tokyo 100-8116 JAPAN

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

3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: September 21, 1999Additional name(s) & address(es) attached? Yes ☐ No ☒

4. Application No. \_\_\_\_\_

Patent No. \_\_\_\_\_

If this document is being filed together with a new application, the execution date of the application  
is: September 21, 1999

Additional numbers attached? Yes ☐ No ☒

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

James A. Forstner  
**ALSTON & BIRD LLP**  
P. O. Drawer 34009  
Charlotte, NC 28234-4009

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) \$40.00



Enclosed Check No. \_\_\_\_\_



Authorized to be charged to deposit account

8. Deposit account number: 16-0605

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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.*

James A. Forstner, Reg. No. 24,659

Name of Person Signing

*James A. Forstner*  
Signature

9/30/99

Date

Total number of pages including cover sheet, attachments and document: 4

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PATENT  
REEL: 010285 FRAME: 0332

# ASSIGNMENT

FULL NAMES(S) AND POST  
OFFICE ADDRESS(S) OF  
INVENTOR(S) (including  
country)

WHEREAS: Seiji TOYODA, Saburo IMAMURA, Satoru TOMARU, Takashi KURIHARA, Koji ENBUTSU, Shoichi HAYASHIDA and Tohru MARUNO, all of c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2 Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-1419, Japan

TITLE OF INVENTION

(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled: PHOTSENSITIVE COMPOSITION FOR MANUFACTURING OPTICAL WAVEGUIDE, PRODUCTION METHOD THEREOF AND POLYMER OPTICAL WAVEGUIDE PATTERN FORMATION METHOD USING THE SAME

for which application for United States Letters Patent identified as

DOCKET NO. OR SERIAL  
NO. AND DATE OF  
EXECUTION OF  
APPLICATION

\_\_\_\_\_ has been  
executed on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, and,

FULL NAME AND  
ADDRESS (including country)  
OF ASSIGNEE

WHEREAS: NIPPON TELEGRAPH AND TELEPHONE CORPORATION,  
3-1 Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116, Japan

(hereinafter referred to as "ASSIGNEE"), has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to this invention, including any and all United States Letters Patent or similar legal protection to be obtained therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said invention, including any and all United States Letters Patent which may be granted therefor and any and all extensions, continuations, divisions, renewals, substitutes or reissues thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants and agrees, upon request, to execute any instrument which said ASSIGNEE desires to carry this assignment in effect, and perfect the title transferred hereby, or to file or prosecute any of the above-mentioned United States applications.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to said ASSIGNEE.

IN TESTIMONY WHEREOF, I/We have hereunto set hand and seal on  
September 21, 1999.

DATE OF SIGNING

WITNESSES:

Signature: Hisashi Okamoto

Name: Hisashi OKAMOTO  
Address: c/o NIPPON TELEGRAPH  
AND TELEPHONE CORPORATION,  
20-2 Nishi-Shinjuku 3-chome,  
Shinjuku-ku, Tokyo 163-1419, Japan

ASSIGNOR:

Signature: Seiji Toyoda

Name: Seiji TOYODA

SIGNATURE(S)

The signature(s) must  
correspond with the name(s) of  
the inventor(s) above.

PATENT

REEL: 010285 FRAME: 0333

WITNESSES:

Signature: Hisashi Okamoto

Name: Hisashi OKAMOTO  
Address: c/o NIPPON TELEGRAPH  
AND TELEPHONE CORPORATION,  
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Shinjuku-ku, Tokyo 163-1419, Japan

WITNESSES:

Signature: Hisashi Okamoto

Name: Hisashi OKAMOTO  
Address: c/o NIPPON TELEGRAPH  
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Shinjuku-ku, Tokyo 163-1419, Japan

WITNESSES:

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Shinjuku-ku, Tokyo 163-1419, Japan

ASSIGNOR:

Signature: Saburo Imamura

Name: Saburo IMAMURA

ASSIGNOR:

Signature: Satoru Tomaru

Name: Satoru TOMARU

ASSIGNOR:

Signature: Takashi Kurihara

Name: Takashi KURIHARA

ASSIGNOR:

Signature: Koji Enbutsu

Name: Koji ENBUTSU

WITNESSES:

Signature: Hisashi Okamoto

Name: Hisashi OKAMOTO

Address: c/o NIPPON TELEGRAPH  
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20-2 Nishi-Shinjuku 3-chome,  
Shinjuku-ku, Tokyo 163-1419, Japan

ASSIGNOR:

Signature: Shoichi Hayashida

Name: Shoichi HAYASHIDA

WITNESSES:

Signature: Hisashi Okamoto

Name: Hisashi OKAMOTO

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Shinjuku-ku, Tokyo 163-1419, Japan

ASSIGNOR:

Signature: Tohru Maruno

Name: Tohru MARUNO

PATENT

RECORDED: 09/30/1999

REEL: 010285 FRAME: 0335