

12-01-2000

PCRN PTC-1984

U.S. DEPARTMENT OF COMMERCE

KOI-048

11/2/00



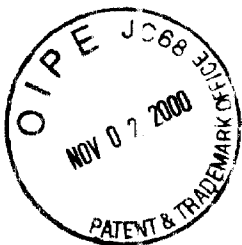
101534136

Patent and Trademark Office

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

1. Name of conveying party(ies)

- 1. Takao MUROOKA
- 2. Hakuji KOBAYASHI
- 3. Masakazu ENDO
- 4. Toshihiro TSUTSUMI
- 5. Hiroaki SHIRAI
- 6. Hidehiro NUMAO



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

2. Name and address of receiving party(ies)

Name: SONY CHEMICALS CORPORATION

Internal Address:

Street Address: 6-3, Nihonbashimurumachi 1-chome, Chuo-ku

City: TOKYO 103-0022 JAPAN

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Execution Date: (1,2) Sept. 20, 2000; (3,4,5) Sept. 12, 2000; (6) Sept. 21, 2000

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is October 2, 2000

Additional numbers attached No

5

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

Name: **Ronald P. Kananen, Esq.**

Internal Address: **RADER, FISHMAN & GRAUER**
Suite 501

Street Address: **1233 20th Street, NW**

City: **Washington, D.C.** Zip: **20036**

6. Total number of applications and patents involved:..... 1

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

- Enclosed
- Authorized to be charged to Deposit Account

8. Deposit account number: **18-0013**

(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.

Ronald P. Kananen
Name of Person Signing

Signature

November 2, 2000
Date

Total number of pages comprising cover sheet 1



ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

APPARATUS FOR MANUFACTURING FLAT CABLE AND METHOD FOR MANUFACTURING THE SAME

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Chemicals Corporation, located and doing business at 6-3, Nihonbashimuromachi 1-chome, Chuo-ku, Tokyo 103-0022 Japan

(hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE

thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

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

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: _____, Filing Date: _____

This assignment executed on the dates indicated below.

Takao MUROOKA	
Name of first inventor	Execution date of U.S. Patent Application
Tochigi, Japan	
Residence of first inventor	
<i>Takao Murooka</i>	<i>20/09/2000</i>
Signature of first inventor	Date of this assignment

Hakuji KOBAYASHI	
Name of second inventor	Execution date of U.S. Patent Application
Tochigi, Japan	
Residence of second inventor	
<i>Hakuji Kobayashi</i>	<i>20/9/2000</i>
Signature of second inventor	Date of this assignment

Masakazu ENDO	
Name of third inventor	Execution date of U.S. Patent Application
Tochigi, Japan	
Residence of third inventor	
<i>Masakazu Endo</i>	<i>12-09-00</i>
Signature of third inventor	Date of this assignment

Toshihiro TSUTSUMI
Name of fourth inventor Execution date of U.S. Patent Application
Tochigi, Japan
Residence of fourth inventor
Toshihiro TSUTSUMI 12/09/00
Signature of fourth inventor Date of this assignment

Hiroaki SHIRAI
Name of fifth inventor Execution date of U.S. Patent Application
Tochigi, Japan
Residence of fifth inventor
Hiroaki Shirai 12/09/00
Signature of fifth inventor Date of this assignment

Hidehiro NUMAO
Name of sixth inventor Execution date of U.S. Patent Application
Tochigi, Japan
Residence of sixth inventor
Hidehiro Numao 21/09/00
Signature of sixth inventor Date of this assignment

Name of seventh inventor Execution date of U.S. Patent Application

Residence of seventh inventor

Signature of seventh inventor Date of this assignment

English Language Declaration

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Ronald P. Kananen, Reg. No. 24,104; Ralph T. Rader, Reg. No. 28,772; Michael D. Fishman, Reg. No. 31,951, Richard D. Grauer, Reg. No. 22,388; Joseph V. Coppola, Sr., Reg. No. 33,373; Michael B. Stewart, Reg. No. 36,018; Steven L. Nichols, Reg. No. 40,326

Send Correspondence to:

Direct telephone calls to:

Ronald P. Kananen, Esq.
 RADER, FISHMAN & GRAUER
 The Lion Building
 1233 20th Street, N.W., Suite 501
 Washington, D.C. 20036

Ronald P. Kananen, Esq.
 (202) 955-3750

Full name of first joint inventor		Takao MUROOKA
Inventor's signature	<i>Takao Murooka</i>	Date 20/09/2000
Residence	Tochigi, Japan	
Citizenship	Japan	
Post Office Address	c/o Sony Chemicals Corporation, Dainikojo, 12-3, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 Japan	
Full name of second joint inventor		Hakuji KOBAYASHI
Second Inventor's signature	<i>Hakuji Kobayashi</i>	Date 20/9/2000
Residence	Tochigi, Japan	
Citizenship	Japan	
Post Office Address	c/o Sony Chemicals Corporation, Daichikojo, 18, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 Japan	
Full name of third joint inventor		Masakazu ENDO
Third Inventor's signature	<i>Masakazu Endo</i>	Date 12/09/00
Residence	Tochigi, Japan	
Citizenship	Japan	
Post Office Address	c/o Sony Chemicals Corporation, Daichikojo, 18, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 Japan	

(Supply similar information and signature for subsequent joint inventors.)

Full name of fourth joint inventor		Toshinoro TSUTSUMI
Inventor's signature	<i>Toshinoro Tsutsumi</i>	Date 12/09/00
Residence Tochigi, Japan		
Citizenship Japan		
Post Office Address c/o Sony Chemicals Corporation, Daiichikojo, 18, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 Japan		
Full name of fifth joint inventor		Hiroaki SHIRAI
Fifth Inventor's signature	<i>Hiroaki Shirai</i>	Date 12/09/00
Residence Tochigi, Japan		
Citizenship Japan		
Post Office Address c/o Sony Chemicals Corporation, Daiichikojo, 18, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 Japan		
Full name of sixth joint inventor		Hidehiro NUMAO
Sixth Inventor's signature	<i>Hidehiro Numao</i>	Date 21/09/00
Residence Tochigi, Japan		
Citizenship Japan		
Post Office Address c/o Sony Chemicals Corporation, Daiichikojo, 18, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 Japan		

(Supply similar information and signature for subsequent joint inventors.)