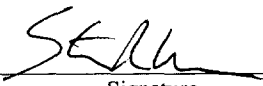


09-18-2002

102224927
PATENTS ONLYPATENT
Attorney Docket: 25916-280 (6136/60731)
Date: September 9, 2002U.S. DEPARTMENT OF COMMERCE
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): Kishio Yokouchi 9.16.02	2. Name and address of receiving party(ies): Name: FUJITSU LIMITED Street address: 1-1, Kamikodanaka 4-chome, Nakahara-ku Kawasaki-shi, Kanagawa, 211-8588, Japan
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: August 9, 2002	
4. Application numbers or patent number(s): 10/215,880 Filed: August 9, 2002 If this document is being filed together with a new application, the execution date of the application is:	
5. Name and address of party to whom correspondence concerning document should be mailed: COUDERT BROTHERS LLP 600 Beach Street, 3 rd Floor San Francisco, CA 94109	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed 8. The Commissioner is hereby authorized to charge any additional fees which may be required to record the attached Assignment(s) under 37 C.F.R. §§1.16-1.17 or credit any overpayment, to Deposit Account No. 13-0201. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 13-0201. <small>DO NOT USE THIS SPACE</small>
9. Statement and signature. <i>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.</i> Steven R Vosen, Ph.D.  September 9, 2002 Name of Person Signing Signature Date 45,186 *Total number of pages including cover sheet, attachments and document: 6 Registration Number	

OMB No. 0651-0011 (exp. 4/94)

09/17/2002 TDIAZI 00000130 10215880

01 FC:581

40.00 DP

SFO 4074926v1

PATENT
REEL: 013286 FRAME: 0842

ASSIGNMENT

I, Kishio Yokouchi, having a residence address of 6283 Squiredell Dr., San Jose, CA 95129, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to FUJITSU LIMITED, a Japanese corporation, having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588 Japan, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter jointly invented by me and disclosed in the application in United States Patent Application entitled:

"MULTI-LAYER THIN FILM OPTICAL WAVEGUIDE SWITCH"

Attorney Docket No. 25916-280, and in and to all Letters Patent and all convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter.

I hereby authorize and request our attorneys at the law firm of Coudert Brothers LLP, located at 600 Beach Street, San Francisco, CA 94109 to insert here in parenthesis (Application Number 10/215880, filed 08/09/2002) the filing date and application number of said application when known. I agree to sign all documents necessary to secure all said Letters Patent and rights, and request issuance of all said Letters Patent to the above assignee in accordance with this Assignment.

08/09, 2002

Kishio Yokouchi
Kishio Yokouchi

WITNESSED:

Date: 8/09/02

Shigenori Aoki
Printed Name of Witness

Shigenori Aoki
Signature of Witness

WITNESSED:

Date: _____

Printed Name of Witness

Signature of Witness

Assignment of Kishio Yokouchi
Atty. Docket No. 25916-280

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 40.00

Complete if Known

Application Number	10/215,880
Filing Date	08/09/2002
First Named Inventor	Kishio Yokouchi
Examiner Name	
Group Art Unit	
Attorney Docket No.	25916-280 (6136/60731)

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

13-0201

Coudert Brothers LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee
to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity | Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$) -0-

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent Claims	-3** =	X	

Large Entity | Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) -0-

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity | Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00

SUBMITTED BY

Name (Print/Type)	STEVEN R. VOSEN
Signature	SRV

Registration No.
(Attorney/Agent)

45,186

Complete (if applicable)

Telephone 415/409-2900

Date 09/09/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT**REEL: 013286 FRAME: 0844**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/215,880
Filing Date	08/09/2002
First Named Inventor	Kishio Yokouchi
Group Art Unit	
Examiner Name	
Attorney Docket Number	25916-280 (6136/60731)

Total Number of Pages in This Submission

6

ENCLOSURES (check all that apply)

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input checked="" type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> After Allowance Communication to Group |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment / Reply | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Postcard |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
or
Individual name

Coudert Brothers LLP

Signature

Date

09/09/2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

09/09/2002

Typed or printed name

Mary M. Padilla

Signature

Date

09/09/2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.