



12-26-2001

U.S. Department of Commerce
Patent and Trademark Office

RECC

PATENT 101924917

B/O FORM PTO 1595 (Rev. 4/00)

12/19/01

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies):

Takahiro SANADA
Yoshiro SAKAI
Narito SHIMIZU
Jun YATAZAWA
Shigeru IWASA☐ Additional names of conveying parties attached.

2. Name and Address of Receiving Party(ies):

Name: 1) Koyo Seiko Co., Ltd.
2) Daido Tokushuko Kabushiki Kaisha

Internal Address:

Street Address: 1) 5-8, Minamisemba 3-chome,
Chuo-ku, Osaka-shi
2) 11-13, Nishiki 1-chome, Naka-
ku, Nagoya-shiCity, State, Zip: 1) Osaka 542-0081, Japan
2) Aichi 460-8581, Japan

3. Nature of Conveyance:

- ☒
- Assignment
- ☐
- Merger
-
- ☐
- Security Agreement
- ☐
- Change of Name
-
- ☐
- Other:

Execution Date: 10 & 12 September 2001

☐ Additional name(s) and address(es) attached.

4. (A) Patent Application Number(s):

09/956,430

4. (B) Patent Number(s):

10 & 12
September
2001If this document is being filed together with a new
application, the execution date of the application is:☐ Additional Numbers Attached5. Name and Address of Party to whom Correspondence Concerning this
Document Should be Mailed:

Name: J. Ernest Kenney

Address: Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

Customer 23364

Total Number of Applications and
Patents Involved:

1

7. Total Fee:
(37 CFR 3.41)

\$40.00

- ☐
- Enclosed
-
- ☒
- Previously paid

8. Deposit Account Number: 02-0200

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 is true and correct and any attached copy is
a true copy of the original document.*

J. Ernest Kenney

Name of Person Signing

Signature

19 December 2001

Date

Total number of pages including cover sheet, attachments and document: 6

ASSIGNMENT

WHEREAS, I (we),

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in

METHOD OF MANUFACTURING A CROWN-SHAPED COMPONENT

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

☒ executed on even date herewith

☐ executed on:

☐ filed on:

Serial No.:

☐ established by PCT International Patent Application No.:

filed:

designating the United States of America

WHEREAS, KOYO SEIKO CO., LTD. and DAIDO TOKUSHUKO KABUSHIKI KAISHA whose post office address is 5-8, Minamimemba 3-chome, Chuo-ku, Osaka-shi, Osaka 542-0081, Japan and 11-18, Nishiki 1-chome, Naka-ku, Nagoya-shi, Aichi 460-8581 Japan hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of *Bacon & Thomas* to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name Takahiro Sanada	Address 710, Kuzumoto-cho, Kashihara-shi, Nara 634-0007 Japan
Where Signed Singature Takahiro Sanada	Where Signed Where Signed Kyoto, Japan
Date September 10, 2001	Witness (optional)
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

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ASSIGNMENT

Page: 2

Assignor Name Yoshiro Sakai	Address 48-1, Kusautiokiri, Kyotanabe-shi, Kyoto 518-0610 Japan
Where Signed Signature Yoshiro Sakai	
Date September 10, 2001	Signature Where Signed Kyoto, Japan
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

Assignor Name Narito Shimizu	Address 2-7-20-502, Mutuno, Atuta-ku, Nagoya-shi, Aichi, Japan
Where Signed Signature Narito Shimizu	
Date September 12, 2001	Signature Where Signed Aichi, Japan
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

Assignor Name Jun Yatazawa	Address Ohikeminamisou S103, 1-6, Minamisikamochi, Kagiya-cho, Toukai-shi, Aichi, Japan
Where Signed Signature Jun Yatazawa	
Date September 12, 2001	Signature Where Signed Aichi, Japan
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

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ASSIGNMENT

Page: 3

Assignor Name	Shigeru Iwasa	Address	Daido Tokushuko Titaryou N1001, 18, Minamisikamochi, Kagiya-cho, Toukai-shi, Aichi, Japan
Where Signed Signature	<i>Shigeru Iwasa</i>		
Date	September 12, 2001	Where Signed	Aichi, Japan
Witness (optional)		Witness (optional)	
Print/Type Name		Print/Type Name	
Signature		Signature	

Assignor Name	Address
Where Signed	
Date	Signature
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

Assignor Name	Address
Where Signed	
Date	Signature
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

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Docket No. 108339-00030

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert
ASSIGNEE's
Name(s)
Address(es)]

BROADCOM CORPORATION**16215 Alton Parkway****Irvine, California 92618-3616**

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, worldwide, to the invention entitled

METHOD AND APPARATUS FOR ENABLING L3 SWITCHING BY A NETWORK SWITCH IN A STACKING ENVIRONMENT

[Title of
Invention]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

[*If the assignment
is being filed
after the filing of the
application, this
section must be
completed]

*filed on _____, Serial No. _____

(Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

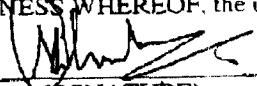
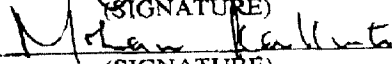
and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signature(s)
of Assignor(s))

	Shekhar AMBE	9/19/01
(SIGNATURE)	(TYPE NAME)	(DATE)
	Mohan KALKUNTE	9/19/01
(SIGNATURE)	(TYPE NAME)	(DATE)
_____	(TYPE NAME)	(DATE)
_____	(TYPE NAME)	(DATE)
_____	(TYPE NAME)	(DATE)
_____	(TYPE NAME)	(DATE)
_____	(TYPE NAME)	(DATE)

** TOTAL PAGE.07 **