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09/214706

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300 Rec'd PCT/APP 11 JAN 1999

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TO THE ASSISTANT COMMISSIONER
FOR PATENTS
WASHINGTON, D.C. 20231
BOX ASSIGNMENT

Attorney
Reference: EBATO 4571.01

REQUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. 3.28 AND 3.31

Please record the attached original document(s) or copy(ies) thereof.

1. Name of party conveying the interest:

Hiroshi EBATO

2. Name and address of party receiving the interest:

EBAC CORPORATION
266-26, Shimoyasumatsu, Tokorozawa-shi, Saitama-ken, Japan

3. Description of the interest conveyed or transaction to be recorded:

Assignment Other:

4. Application Number: To be Assigned

Patent Number:

Registration Number:

09/214,706

Document filed together with a patent application executed on
December 8, 1998

5. Address correspondence concerning this request to: SPENCER & FRANK
Suite 300 East, 1100 New York Avenue, N.W., Washington, D.C. 20005-3955

6. Number of Applications, Patents or Registrations and total fee:

Patents: 1 patent rights @ \$40 Total: \$40.00

If no fee is attached, or if a greater or lesser fee is required, please
charge or credit our Account No. 19-3700.

7. Date of execution of document: December 8, 1998

8. If document is an assignment of a trademark right to an assignee who
is not domiciled in the United States, such assignee has designated a
domestic representative

per attached designation other:

9. To the best of knowledge and belief of the undersigned, the foregoing
information is true and correct and any attached copy is a true copy of
the original document.

10. Date: January 11, 1999

Robert J. Frank

Name: Robert J. Frank

Registration Number: 19,112

RJF/jh

WHEREAS Hiroshi EBATO

hereinafter (collectively) referred
to as the assignor, has invented a certain improvement relating to
TUBULAR SWITCH AND DEVICE FOR CONNECTING THE SWITCH

for which said assignor has caused an application for United States Letters Patent to be prepared,
[] the inventor's declaration for said application being executed
concurrently with the execution of this instrument; said application to be filed in the United States Patent
and Trademark Office;
[] said application having been filed in the United States Patent and Trademark Office on _____,
Serial Number [if known] _____
[X] said application having been filed under the Patent Cooperation Treaty on 7/08/97 Serial No. _____
the United States of America being designated.

PCT/JP97/02356

AND WHEREAS EBAC CORPORATION, of 266-26, Shimoyasumatsu, Tokorozawa-shi
Saitama-ken, JAPAN

_____, hereinafter referred to as the assignee, is
desirous of acquiring the entire right, title and interest in and to said application, including any and all
divisions and continuations thereof, and in and to said invention and any and all patents which may be granted
therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable
consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor
hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and
exclusive right, title and interest in and to said application, including any and all divisions and continuations
thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all
renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have,
hold, exercise and enjoy the said application, including any all divisions and continuations thereof, and the said
invention and any all patents which may be granted therefor, including any and all renewals, reissues and
prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or
appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and
all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's
successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and
enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors
or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all
renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent
on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's
successors and assigns, in accordance herewith.

EXECUTED, this 8th day of December, 1998.

WITNESSES:

Signature: *Mayumi Ebato*
Name : Mayumi EBATO
Address : 266-26, Shimoyasumatsu
Tokorozawa-shi, Saitama-ken

ASSIGNOR:
Signature: *H. Ebato*
Name : Hiroshi EBATO

JAPAN
Signature: *Joe Idoi*
Name : Joe IDOI
Address : 840-2-301, Kitano,
Tokorozawa-shi, Saitama-ken, JAPAN

VENABLE
Washington, D.C.