

**PATENT COOPERATION TREATY**

From the RECEIVING OFFICE

**PCT**

To:  
 WESLEY T. NOAH  
 SMITH INTERNATIONAL, INC.  
 1310 RANKIN RD.  
 HOUSTON, TEXAS 77073

NOTIFICATION CONCERNING PAYMENT  
 OF PRESCRIBED FEES

(PCT Rules 12bis.1(c), 14, 15 and 16  
 and Administrative Instructions,  
 Sections 102bis(c), 304, 323(b) and 707)

Date of mailing (day/month/year)	30 Apr 2010
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Applicant's or agent's file reference 09-SL28WO	<b>PAYMENT DUE</b> see item 3 for time limits
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International application No. PCT/US2010/032389	International filing date/Date of receipt (day/month/year) 26 Apr 2010	Priority date (day/month/year) 28 Apr 2009
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Applicant  
 SMITH INTERNATIONAL, INC.

1. The applicant is hereby notified that this receiving Office has received:

the payment of all the prescribed fees, and  an overpayment, which will be refunded in due course.

no or insufficient payment of the prescribed fees and the applicant is hereby invited to pay the balance due, as summarized under item 2, within the time limit(s) indicated under item 3.

2. Fees and payment calculation:

2,654.00	-	2,654.00	=	0.00
Total fees payable		Amount paid		Balance

The details of the calculation are given in the Annex.

3. Time limit(s) for payment and amount(s) payable (Rules 14.1, 15.4 and 16.1(f)):

within ONE MONTH from the date of receipt of the international application (for the transmittal fee (if any), the search fee and the international filing fee). The amount payable for each fee is the amount applicable on the date of receipt of the international application.

within 16 MONTHS from the priority date (only for the fee for priority document). The applicant's attention is drawn to the fact that the request made by the applicant under Rule 17.1(b) will be considered not to have been made unless the fee is paid within that time limit.

4. Additional observations (if necessary):

The search copy will not be transmitted to the International Searching Authority until the search fee is paid (therefore the start of the international search will be delayed) (Rule 23.1(a) and (b)).

Name and mailing address of the receiving Office Mail Stop PCT, Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450 Facsimile No. 571-273-3201	Authorized officer Nhu Thuy Tran Telephone No. 703-756-1437
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**ANNEX TO FORM PCT/RO/102  
CALCULATION OF THE PRESCRIBED FEES**

International application No.  
PCT/US2010/032389

**T Transmittal Fee**

Prescribed amount: . . . . . 240.00 **T**  
 Amount paid: . . . . . 240.00  
 Balance: . . . . . = 0.00

correct amount  
 overpayment  
 balance due

**S Search Fee**

Prescribed amount: . . . . . 1,092.00 **S**  
 Amount paid: . . . . . 1,092.00  
 Balance: . . . . . = 0.00

correct amount  
 overpayment  
 balance due

**I International Filing Fee**

Fixed amount for first 30 sheets: . . . . . 1,202.00 **i1**

8 x 15.00 = 120.00 **i2**

Number of sheets      Fee per sheet  
 in excess of 30

*(excluding pages referred  
 to in Section 707(a-bis))*

Reduction where the international application is filed  
*(See PCT Applicant's Guide, International Phase for  
 details on the availability of this reduction):*

on paper together with a copy in electronic  
 form, in character coded format, of the request  
 and the abstract . . . . . 0.00 **r**

or  
 in electronic form, the request not being in  
 character coded format . . . . . 0.00 **r**

or  
 in electronic form, the request being in character  
 coded format . . . . . 0.00 **r**

or  
 in electronic form, the request, description,  
 claims and abstract being in character coded  
 format . . . . . 0.00 **r**

Sub-total: . . . . . = 1,322.00 **i1+i2-r**

*Applicants from certain States are entitled to a reduction of 90% of the  
 international filing fee. Where the applicant is (or all applicants are) so  
 entitled, the total to be entered at I is 10% of the sub-total entered at  
 (i1+i2-r); (see Notes to the Fee Calculation Sheet as annexed to the  
 Request Form, PCT/RO/101, for details):* . . . . . = 1,322.00 **I**

Amount paid: . . . . . 1,322.00  
 Balance: . . . . . = 0.00

correct amount  
 overpayment  
 balance due

**P Fee for Priority Document**

Prescribed amount: . . . . . 0.00 **P**  
 Amount paid: . . . . . 0.00  
 Balance: . . . . . = 0.00

correct amount  
 overpayment  
 balance due

**ES Fee for Earlier Search Documents**

Prescribed amount: . . . . . 0.00 **ES**  
 Amount paid: . . . . . 0.00  
 Balance: . . . . . = 0.00

correct amount  
 overpayment  
 balance due