

U.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.

(Form PTO-1595—Recordation Form Cover Sheet [16-5]—page 1 of 3)

0229/US

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

NAME(S) AND
ADDRESS(ES) OF
INVENTOR(S)

David Neil Payne
13 Sylvan Lane
Hamble
Southampton SO3 5QG
United Kingdom

Anatoly Grudin
69 Burgess Road
Bassett
Southampton SO16 7AL
United Kingdom

Igor Andreevich Goncharenko
FernUniversitaet
LG Allgemeine und Theoretische
Elektrotechnik
D-58084 Hagen
Germany

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF
INVENTION

OPTICAL PULSE PROPAGATION

for which application for Letters Patent of the United States has been filed

PARTICULARS OF
APPLICATION

under PCT Application No. PCT/GB96/02225 on September 10, 1996,

WHEREAS:

NAME, STATE OF
INCORPORATION
AND ADDRESS OF
ASSIGNEE

University of Southampton
Highfield
Southampton
Hampshire SO17 1BJ
United Kingdom

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor.

Now, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, the entire right, title and interest to said invention so far as concerns the United States and the Territories and Possessions thereof, said application and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

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

ASSIGNOR further covenants 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 as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

FULL NAME(S) OF
INVENTOR(S)

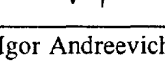
Date 23/4/98


David Neil Payne

Date 23.4.98


Anatoly Grudin

Date _____


Igor Andreevich Goncharenko

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FULL NAME(S) OF
INVENTOR(S)

Date _____

David Neil Payne

Date _____

Anatoly Grudinin

Date 22.04.1998

Igor Andreevich Goncharenko