

12-07-1999



101216355

FORM PTO-1596  
1-31-92

Docket No.: 50060-035

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 thereto:

## 1. Name of Conveying Party(ies):

Oliver Hartwig WERNER, Nicholas Dominic WELLS, and  
Michael James KNEEAdditional name(s) of conveying party(ies) attached? ☐ Yes

## 3. Nature of Conveyance:

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

Execution Date: November 19, November 19, and November  
24, 1999 (respectively)

## 2. Name and address of receiving party(ies):

(1)Name: BRITISH BROADCASTING CORPORATION

Address: Broadcasting House  
London W1A 1AA GREAT BRITAIN

(2)Name: SNELL &amp; WILCOX LIMITED

Address: 6 Old Lodge Place  
St. Margaret's, Twickenham  
Middlesex TW1 1RQ GREAT BRITAINAdditional name(s) & address(es) attached? ☐ Yes

## 4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

09/380,047-Filed August 25, 1999

B. Patent No(s).

Additional numbers attached? ☐ Yes5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: MCDERMOTT, WILL & EMERY  
Internal Address:Street Address: 600 13<sup>th</sup> Street, N.W.

City: Washington State: DC Zip: 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

500417

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## 9. Statement and signature.

*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.*

Stephen A. Becker, 26,527

November 29, 1999

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

12/06/1999 DNGUYEN 00000171 500417 09380047

01 FC:581

40.00 CH

PATENT  
REEL: 010414 FRAME: 0156

Docket No.: 50060-035

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Oliver Hartwig WERNER	(4) _____
(2) Nicholas Dominic WELLS	(5) _____
(3) Michael James KNEE	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

**BRITISH BROADCASTING CORPORATION**, Broadcasting House

London W1A 1AA GREAT BRITAIN

**SNELL & WILCOX LIMITED**, 6 Old Lodge Place, St. Margaret's

Twickenham, Middlesex TW1 1RQ GREAT BRITAIN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**DIGITAL SIGNAL COMPRESSION ENCODING WITH IMPROVED  
QUANTISATION**

(a) for which an application for United States Letters Patent was filed on August 25, 1999, and identified by United States Serial No. 09/380,047; or

(b) for which an application for United States Letters Patent was executed on ,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

INVENTORS

DATE SIGNED

- |    |   |                           |
|----|---|---------------------------|
| 1) | <u>ON</u><br>Name: Oliver Hartwig WERNER          | <u>19th Nov 1999</u>      |
| 2) | <u>N.D. Wells</u><br>Name: Nicholas Dominic WELLS | <u>19th November 1999</u> |
| 3) | Name: Michael James KNEE                          |                           |
| 4) | Name:   |                           |
| 5) | Name:   |                           |
| 6) | Name:   |                           |

Docket No.: 50060-035

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(2) <u>Nicholas Dominic WELLS</u>	(5) _____
(3) <u>Michael James KNEE</u>	(6) _____

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PATENT

REEL: 010414 FRAME: 0159

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	Name: Oliver Hartwig WERNER	
2)	Name: Nicholas Dominic WELLS	
3)	Name: Michael James KNEE <i>Michael James Kne</i>	<i>24 November 1999</i>
4)	Name:	
5)	Name:	
6)	Name:	

TOTAL P.07  
TOTAL P.09