

04-29-2002



NL 010009

Form PTO 1595  
(Rev. 6-93)

102071463

U.S. Dept. of Commerce  
Patent and Trademark Office

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

1. Name of conveying party(ies):  
Alphon Antonius Maria Lambertus BRUEKERS  
Adriaan Johannes RIJNBERG  
Bernard VAN STEENBRUGGE  
Marcel Stefan Emmanuel VAN NIEUWENHOVEN  
Additional name(s) of conveying party(ies) attached?

Yes  No

*H.15.02*

2. Name and address of receiving party(ies):  
Name: Koninklijke Philips Electronics N.V.

Internal Address:

Street Address: Groenewoudseweg 1

City: Eindhoven Country: The Netherlands  
Zip: 5621 BA

Additional name(s) & address(es) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Terms  
 Other

Execution Date: February 14, 2002, February 15, 2002,  
February 15, 2002, February 8, 2002

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

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

A. Patent Application No.(s)

B. Patent No.(s)

10/046,991

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Philips Electronics North America Corp.

Internal Address:

Street Address: 580 White Plains Road

City: Tarrytown State: NY Zip: 10591

6. Total number of applications and patents involved:

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

Enclosed  Authorized to Deposit Account

8. Deposit Account Number: 14-1270

(Attach duplicate copy of this page paying by deposit account)

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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.

Jack D. Slobod, Reg.26,236  
Name of Person Signing

*Jack D. Slobod*  
Signature

9/9/02  
Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

04/26/2002 DBYRNE 00000119 141270 10046991

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PATENT  
REEL: 012827 FRAME: 0015

For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to Koninklijke Philips Electronics N.V. (hereinafter "Assignee") a corporation existing under the laws of the Kingdom of the Netherlands, whose business address is Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, its successors and assigns, the application for a United States Patent for the improvements in a

"Method and apparatus for protecting lossless transmission of a data stream" invented by us, which application:

- is executed concurrently herewith
- was executed by me/us on .....
- is Serial No. 10/046991..... filed ....15..January,..2002.....
- is International Application No. ....filed.....

and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention.

14 February, 2002 (sign name here)  ,Assignor  
 Date (print name here) Alphons Antonius Maria Lambertus BRUEKERS

(sign name here) ,Assignor  
 Date (print name here) Adriaan Johannes RIJNBERG

(sign name here) ,Assignor  
 Date (print name here) Bernard VAN STEENBRUGGE

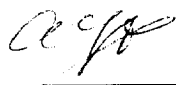
(sign name here) ,Assignor  
 Date (print name here) Marcel Stefan Emmanuel VAN NIEUWENHOVEN

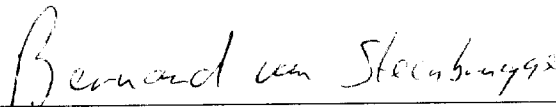
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- is executed concurrently herewith
- was executed by me/us on .....
- is Serial No.10/046991..... filed 15 January, 2002.....
- is International Application No. .... filed.....

and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention.

(sign name here) \_\_\_\_\_, Assignor  
 Date (print name here) Alphons Antonius Maria Lambertus BRUEKERS

15 February, 2002 (sign name here)  \_\_\_\_\_, Assignor  
 Date (print name here) Adriaan Johannes RIJNBERG

15 February, 2002 (sign name here)  \_\_\_\_\_, Assignor  
 Date (print name here) Bernard VAN STEENBRUGGE

(sign name here) \_\_\_\_\_, Assignor  
 Date (print name here) Marcel Stefan Emmanuel VAN NIEUWENHOVEN

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(sign name here) \_\_\_\_\_, Assignor

Date (print name here) Alphons Antonius Maria Lambertus BRUEKERS

(sign name here) \_\_\_\_\_, Assignor

Date (print name here) Adriaan Johannes RIJNBERG

(sign name here) \_\_\_\_\_, Assignor

Date (print name here) Bernard VAN STEENBRUGGE

08 February, 2002 (sign name here) *Marcel Nieuwenhoven* \_\_\_\_\_, Assignor

Date (print name here) Marcel Stefan Emmanuel VAN NIEUWENHOVEN