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Form PTO 1595 (Rev. 6-93)

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

1. Name of conveying party(ies):
Petrus Cornelis Paulus BOUTEN
Frederik Hendrik IN'T VELD
Roger Maria Helmut Godfried WEHRENS *11-24-03*

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
 Name: Koninklijke Philips Electronics N.V.
 Internal Address:
 Street Address: Groenewoudseweg 1
NL-5621 BA Eindhoven The Netherlands

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Terms
 Other
 Execution Date: 1/9/03; 1/16/03; 1/16/03.

Additional name(s) & address(es) attached?
 Yes No

4. Application number(s) or patent number(s): *10/478737*
 If this document is being filed together with a new application, the execution date of the application, is 1/9/03; 1/16/03; 1/16/03.

A. Patent Application No.(s)
 B. Patent No. (s)
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Philips Electronics North America Corporation
 Internal Address:
 Street Address: P.O. Box 3001
345 Scarborough Road
 City: Briarcliff Manor State: NY Zip: 10510

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.

Michael E. Marion, Reg. 32,266
 Name of Person Signing *[Signature]* Signature *11/17/03* Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
 Commissioner for Patents
 Box Assignments
 Alexandria, VA 22313-1450

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 "Substrate and method of separating components from a substrate" invented by us, which application:

- is executed concurrently herewith
- was executed by me/us on
- is Serial No. filed
- is International Application No. PCT/IB02/01923.....filed..27..May..2002.....,

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.

9 January 2003	(sign name here)		, Assignor
Date	(print name here)	Petrus Cornelis Paulus BOUTEN	

	(sign name here)		, Assignor
Date	(print name here)	Frederik Hendrik IN'T VELD	


	(sign name here)		, Assignor
Date	(print name here)	Roger Maria Helmut Godfried WEHRENS	


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 "Substrate and method of separating components from a substrate" invented by us, which application:

- is executed concurrently herewith
- was executed by me/us on
- is Serial No. filed
- is International Application No. PCT/IB02/01923 filed 27 May 2002

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)	Petrus Cornelis Paulus BOUTEN	

16 January 2003	(sign name here)		, Assignor
Date	(print name here)	Frøderik Hendrik IN'T VELD	

16 January 2003	(sign name here)		, Assignor
Date	(print name here)	Roger Maria Helmut Godfried WEHRENS	