

A/D 581-40

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Atty. Docket: DE03 0189 US



103151611

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

50-18-21

<p>1. Name of conveying party(ies):</p> <p>RITTER, HANS-MARTIN LUEBBE, MARTIN WYNANTS, JOCHEN</p>	<p>2. Name and address of receiving party(ies)</p> <p>KONINKLIJKE PHILIPS ELECTRONICS N.V. Groenewoudseweg 1 Eindhoven, The Netherlands 5621 BA</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date(s): <u>2004-MAY-25, 2004-MAY-25, 2004-MAY-25</u></p>	<p>4. Application number(s) or patent number(s):</p> <p>If being filed together with a new application, the execution date of application is: _____</p> <p>A. Patent Application No.: _____ B. Patent No.: NONE</p>

Additional numbers attached? Yes No

<p>5. Name & address to whom correspondence concerning document should be mailed:</p> <p>Philips Electronics North America Corp. Intellectual Property & Standards 1109 McKay Drive, M/S-41SJ San Jose, California 95131</p> <p>Customer Number: 24738</p>	<p>6. Total number of applications and patents involved: <input type="text" value="1"/></p> <p>7. Total fee (37 DFR 3.41) \$ 40.00</p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 14-1270</p> <p>(Duplicate copy of this page is attached)</p>
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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.

Date 12/19/05

Mike J. Ure, Reg. No. 33,089

Total number of pages including cover sheet, attachments, and documents:

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 **Punch-through diode and method of processing the same** invented by us, which application:

- is executed concurrently herewith
- was executed by me/us on
- is Serial No. filed
- is International Application No. PCT/IB2004/050765 filed May 25, 2004,

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.

25-May-2004 (sign name here) Hans-Martin Ritter , Assignor
 Date (print name here) Hans-Martin RITTER

25.5.04 (sign name here) Martin LÜBBE , Assignor
 Date (print name here) Martin LÜBBE

25.5.04 (sign name here) Jochen WYNANTS , Assignor
 Date (print name here) Jochen WYNANTS