Form PTO 1595 (Rev. 6-93)

03-14-2003



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To the Honorable Commissioner copy thereof.	1023899	72 .d the attached original documents or
Name of conveying party(ies): MICHAEL DOESCHER	3.13.63	2. Name and address of receiving party(ies): Name: Koninklijke Philips Electronics N.V. Internal Address:
Additional name(s) of conveying party Yes No 3. Nature of conveyance: X Assignment Security Agreement Other Execution Date: JANUARY 9, 2003	Merger Change of	Street Address: Groenewoudseweg 1 City: 5621 BA Eindhoven, The Netherlands Additional name(s) & address(es) attached? Yes X No
4. Application number(s) or patent r If this document is being filed tapplication, is A. Patent Application No.(s) 10/323,229		ew application, the execution date of the B. Patent No.(s) Ers attached? Yes No
5. Name and address of party to whom concerning document should be ma: Name: Philips Electronics North Amer.	iled:	6. Total number of applications and patents involved:
Internal Address: Street Address: 580 White Plains Roa		7. Total fee (37 CFR 3.41)\$40.00 Enclosed X Authorized to Deposit Account
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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
"Magnetoresistive sensor" invented by me, which application:
is executed concurrently herewith
was executed by me/us on
X is Serial No. 10/323229 filed 18 December 2002
is International Application No
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.
09 January 2003 (sign name here) (Clark / School , Assignor

(print name here)

RECORDED: 03/13/2003

Date

Michael DOESCHER

PATENT REEL: 013827 FRAME: 0535