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COVER SHEET

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

1. Name of conveying party(ies): Makoto ISHII; Tomokazu SHIGA; Shigeo MIKOSHIBA; Jurgen Jean Louis HOPPENBROUWERS; Dirk DE BRUIN; Bart Andre SALTERS; Roel VAN WOUDEBERG; Siebe Tjerk DE ZWART; Ruediger Johannes LANGE

Additional name(s) of conveying party(ies) attached?

Yes No [X]

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: [X] Assignment [] Merger [] Security Agreement [] Change of Terms [] Other

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

Yes No [X]

Execution Date: 1/7/03; 1/14/03; 1/22/03; 1/27/03; 1/27/03; 1/29/03; 1/30/03; 1/30/03; 1/31/03.

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 1/7/03; 1/14/03; 1/22/03; 1/27/03; 1/27/03; 1/29/03; 1/30/03; 1/30/03; 1/31/03.

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? Yes No [X]

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:

1

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

[] Enclosed [X] Authorized to Deposit Account

8. Deposit Account Number: 14-1270

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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

1/2/03 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 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 driving a display panel" invented by us, which application:

- is executed concurrently herewith
- was executed by me/us on
- is Serial No. filed
- is International Application No. PCT/IB02/01991.....filed.....30..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.

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|----------------|-------------------|---------------------|------------|
| 7 January 2003 | (sign name here) | <i>Makoto Ishii</i> | , Assignor |
| Date | (print name here) | Makoto ISHII | |

| | | | |
|-----------------|-------------------|-----------------------|------------|
| 14 January 2003 | (sign name here) | <i>Tomokazu Shiga</i> | , Assignor |
| Date | (print name here) | Tomokazu SHIGA | |

| | | | |
|-----------------|-------------------|-------------------------|------------|
| 22 January 2003 | (sign name here) | <i>Shigeo Mikoshiba</i> | , Assignor |
| Date | (print name here) | Shigeo MIKOSHIBA | |

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|--------------------------------|--|--|---------------------|
| <u>27 January 2003</u> Date | (sign name here) _____ (print name here) |  _____ Jurgen Jean Louis HOPPENBROUWERS | , Assignor _____ |
| <u>27 January 2003</u> Date | (sign name here) _____ (print name here) |  _____ Dirk DE BRUIN | , Assignor _____ |
| <u>29 January 2003</u> Date | (sign name here) _____ (print name here) |  _____ Bart Andre SALTERS | , Assignor _____ |
| <u>30 January 2003</u> Date | (sign name here) _____ (print name here) |  _____ Roel VAN WOUDEBERG | , Assignor _____ |
| <u>30 January 2003</u> Date | (sign name here) _____ (print name here) |  _____ Siebe Tjerk DE ZWART | , Assignor _____ |
| <u>31 January 2003</u> Date | (sign name here) _____ (print name here) |  _____ Ruediger Johannes LANGE | , Assignor _____ |