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Zhi-ming ZHANG
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SAMSUNG ELECTRONICS CO., LTD.  
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3. Nature of conveyance:  
☒ Assignment ☐ Merger  
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Execution Date(s): June 21, 2005

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

- ☐ This document is being filed after filing of the application:  
(a) Patent Application No(s). , filed ; or  
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5. Name and address of party to whom correspondence concerning document should be mailed:  
STAAS & HALSEY LLP Our Docket: 1793.1375  
Attention: Gene M. Garner, II  
1201 New York Ave., N.W., Suite 700  
Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)  
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## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S)).

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(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

### DEBLOCKING METHOD AND APPARATUS USING EDGE FLOW-DIRECTED FILTER AND CURVELET TRANSFORM

relating to International Patent Application PCT/\_\_\_\_\_/\_\_\_\_\_, and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on 21 June 2005

(Insert date of execution of application, if not concurrent)

(b) filed on \_\_\_\_\_

Any registered attorney of STAAZ & HALSEY LLP, 1201 New York Ave., N.W., Suite 700, Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

Serial No. \_\_\_\_\_

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

Zhang Zhang  
Zhang Zhang

2005.06.21