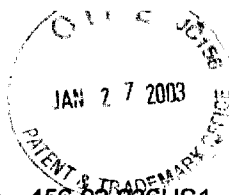


FORM PTO-1584
01-10-96:CMG



01-31-2003



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Atty Ref/Docket No.: 456.02.036US1

102352954

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

1. Name of conveying party(ies):

A. Kristine Fordahl
James A. Baker

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

3. Nature of conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: December 11, 2002

2. Name and address of receiving party(ies):

Name: SAMSUNG Electronics Co., Ltd.

Address: 416, Maetan-3Dong
Paldal-Gu, Suwon-City
Kyungki-Do 442-742
Republic of Korea

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

4. Application number(s) or patent number(s):
10/286,415

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No.

Additional numbers attached? [] Yes [X] No Attorney's Docket No.

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark A. Litman

Address: Mark A. Litman & Associates, P.A.
York Business Center
3209 West 76th St
Suite 205
Edina, MN 55435

6. Total number of applications and patents involved: 1

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

[] Enclosed

[X] Authorized to be charged to deposit account (50-1391)

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 50-1391

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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.

Mark A. Litman/Reg. No. 26,390

Name of Person Signing: Mark A. Litman

Signature

Date

21 / May 2003

Total number of pages including cover sheet: 4 Pages of Application

OMB No. 0651-0011 (exp. 4/94)

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PATENT
REEL: 013702 FRAME: 0651

ASSIGNMENT

WHEREAS, We, A. Kristine Fordahl, residing at 301 7th Avenue North, Hopkins, MN 55343; and James A. Baker, residing at 2105 Chestnut Drive, Hudson, WI 54016, made certain new and useful inventions and improvements for which We executed an application for Letters Patent of the United States on October 31, 2002, assigned US Patent Application No.: 10/286,415, and which is entitled INK DISPOSAL IN CARTRIDGES.

AND WHEREAS, SAMSUNG Electronics Co., Ltd., a corporation organized and existing under and by virtue of the laws of the Republic of Korea, and having an office and place of business at ") having its office at 416, Maetan-3Dong, Paldal-Gu, Suwon-City, Kyungki-Do, 442-742, Republic of Korea (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

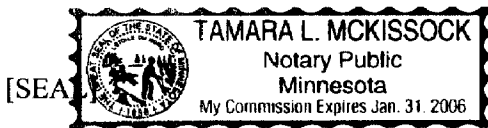
AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of December, 2002.

A. Kristine Fordahl
Name: A. Kristine Fordahl

STATE OF Minnesota)
COUNTY OF Hennepin)ss.

On this 11 day of DEC, 2002 before me personally appeared A. Kristine Fordahl to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth



Barbara L. McQuinn
Notary Public

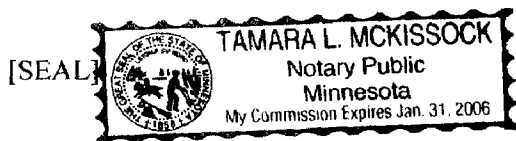
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of December, 2002.

James A. Baker

Name: James A. Baker

STATE OF WI)
)ss.
COUNTY OF _____)

On this 11 day of Dec, 2002 before me personally appeared James A. Baker to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Tamara L. McKissock
Notary Public