



102315746

Additional documents or copy thereof.

12/18/02

To the Honorable Commissioner of Patents :

1. Name of conveying party:

FUJITSU LIMITED
1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi,
Kanagawa 211-8588 Japan

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: October 24, 2002

2. Name and address of receiving party(ies)

Name: FUJITSU DISPLAY TECHNOLOGIES CORPORATION

Internal Address: 1-1, Kamikodanaka 4-chome,

Street Address: Nakahara-ku, Kawasaki-shi,

Kanagawa 211-8588 Japan

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached: () Yes (X) No

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:

A. Patent Application No.(s)

SEE ATTACHED LIST

B. Patent No.(s)

SEE ATTACHED LIST

Additional numbers attached? () Yes (X) No

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

Name: **Patrick G. Burns**
Greer, Burns & Crain, Ltd.
Internal Address: **300 South Wacker Drive**
Suite 2500
Chicago, Illinois 60606

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached: () Yes (X) No

6. Total number of applications and patents involved: 182

7. Total fee (37 CFR 3.41) **\$7,280.00**

(X) Enclosed

() Authorized to be charged to deposit account only in the event proper payment is not enclosed.

8. Deposit account number:

07-2069

(Attach duplicate copy of this page if paying by deposit account)

12/19/2002 TDIAZ1 00000039 08939822

DO NOT USE THIS SPACE

01 FC:4021 7280.00 DP

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.

Patrick G. Burns

Name of Person Signing

Signature

December 17, 2002

Date

11

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

0621.66858

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 013552 FRAME: 0107

UNITED STATES ISSUED PATENTS

Patent Number	Issue Date
5,570,211	10/29/96
5,742,074	4/21/98
5,745,206	4/28/98
5,764,216	6/9/98
5,764,845	6/9/98
5,795,686	8/18/98
5,796,379	8/18/98
5,798,809	8/25/98
5,799,126	8/25/98
5,801,802	9/1/98
5,841,501	11/24/98
5,847,792	12/8/98
5,926,244	7/20/99
5,943,106	8/24/99
5,946,058	8/31/99
5,956,007	9/21/99
5,999,158	12/7/99
6,011,600	1/4/00
6,040,814	3/21/00
6,040,885	3/21/00
6,064,222	5/16/00
6,078,376	6/20/00
6,107,981	8/22/00
6,115,020	9/5/00
6,118,665	9/12/00
6,133,968	10/17/00
6,135,598	10/24/00
6,141,075	10/31/00
6,147,740	11/14/00
6,151,003	11/21/00
6,181,317	1/30/01
6,184,947	2/6/01
6,222,599	4/24/01
6,243,066	6/5/01

EXHIBIT A

Page 1 of 2

PATENT
REEL: 013552 FRAME: 0108

UNITED STATES ISSUED PATENTS

Patent Number	Issue Date
6,249,270	6/19/01
6,255,706	7/3/01
6,259,494	7/10/01
6,281,956	8/28/01
6,288,762	9/11/01
6,297,519	10/2/01
6,304,255	10/16/01
6,310,672	10/30/01
6,323,917	11/27/01
6,323,918	11/27/01
6,335,290	1/1/02
6,361,867	3/26/02
6,362,863	3/26/02
6,376,861	4/23/02
6,392,629	5/21/02
6,396,470	5/28/02
6,406,946	6/18/02
6,417,909	7/9/02
6,424,398	7/23/02
6,445,428	9/3/02
6,448,533	9/10/02
6,459,466	10/1/02

UNITED STATES PATENT APPLICATIONS

Serial Number	Filing Date
08/939,822	12/29/97
09/030,410	2/25/98
09/061,543	4/16/98
09/093,446	6/8/98
09/097,027	6/12/98
09/170,764	10/13/98
09/238,875	1/27/99
09/250,575	2/16/99
09/277,880	3/29/99
09/280,955	3/29/99
09/282,772	3/31/99
09/286,917	4/6/99
09/287,304	4/7/99
09/288,741	4/8/99
09/291,886	4/14/99
09/314,750	5/19/99
09/316,757	5/21/99
09/375,861	8/17/99
09/398,126	9/16/99
09/416,972	10/12/99
09/428,324	10/27/99
09/439,607	11/12/99
09/454,578	12/7/00
09/468,489	12/20/99
09/471,347	12/23/99
09/472,328	12/23/99
09/473,868	12/28/99
09/490,502	1/25/00
09/491,342	1/26/00
09/501,747	2/10/00
09/551,362	4/18/00
09/577,032	5/23/00
09/582,683	8/28/00
09/607,104	6/29/00
09/611,846	7/7/00
09/616,414	7/14/00

EXHIBIT B

Page 1 of 4

PATENT
REEL: 013552 FRAME: 0110

UNITED STATES PATENT APPLICATIONS

Serial Number	Filing Date
09/619,556	7/19/00
09/619,593	7/19/00
09/627,194	7/27/00
09/629,287	7/31/00
09/651,288	8/30/00
09/651,931	8/31/00
09/662,236	9/14/00
09/663,580	9/15/00
09/663,677	9/18/00
09/675,124	9/28/00
09/679,455	10/4/00
09/680,368	10/5/00
09/689,928	10/12/00
09/703,275	10/31/00
09/706,994	1/6/00
09/728,767	12/1/00
09/734,960	12/11/00
09/735,136	12/12/00
09/759,424	1/12/01
09/774,406	1/31/01
09/778,134	2/6/01
09/778,627	2/7/01
09/781,620	2/12/01
09/784,425	2/15/01
09/797,564	3/2/01
09/812,035	3/19/01
09/819,291	3/28/01
09/821,976	3/30/01
09/825,116	4/3/01
09/829,531	4/9/01
09/861,796	5/21/01
09/867,082	5/29/01
09/867,821	5/30/01
09/874,442	6/5/01
09/881,614	6/14/01

EXHIBIT B

Page 2 of 4

PATENT
REEL: 013552 FRAME: 0111

UNITED STATES PATENT APPLICATIONS

Serial Number	Filing Date
09/884,737	6/19/01
09/886,636	6/21/01
09/886,679	6/21/01
09/891,694	6/26/01
09/898,340	7/3/01
09/903,010	7/11/01
09/923,076	8/6/01
09/925,666	8/9/01
09/927,005	8/9/01
09/930,048	8/15/01
09/930,417	8/11/01
09/930,902	8/16/01
09/938,183	8/23/01
09/939,845	8/27/01
09/955,759	9/19/01
09/956,267	9/19/01
09/961,871	9/24/01
10/005,259	12/4/01
10/015,065	12/11/01
10/023,344	12/17/01
10/025,044	12/18/01
10/037,839	1/3/02
10/047,216	1/14/02
10/051,709	1/18/02
10/059,456	1/29/02
10/079,008	2/19/02
10/080,108	2/21/02
10/094,438	3/8/02
10/095,137	3/11/02
10/095,626	3/12/02
10/096,182	3/12/02
10/097,695	3/13/02
10/097,718	3/13/02
10/097,780	3/14/02
10/100,423	3/18/02

EXHIBIT B

Page 3 of 4

PATENT
REEL: 013552 FRAME: 0112

UNITED STATES PATENT APPLICATIONS

Serial Number	Filing Date
10/100,817	3/19/02
10/102,004	3/20/02
10/102,264	3/20/02
10/102,453	3/20/02
10/104,357	3/22/02
10/105,137	3/22/02
10/107,839	3/27/02
10/107,989	3/27/02
10/108,743	3/28/02
10/109,020	3/28/02
10/109,446	3/28/02
10/109,584*	3/28/02
10/113,149	3/29/02
10/139,888	5/6/02
10/144,671	5/13/02
10/146,751	5/16/02
10/156,454	5/28/02
10/165,760	6/7/02
10/166,119	6/10/02
10/166,603	6/11/02

*FUJITSU KASEI LIMITED retains an interest in this application.

ASSIGNMENT

WHEREAS, **FUJITSU LIMITED**, a corporation of Japan, of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan owns the U.S. patents listed on attached **Exhibit A**, and owns all or a partial interest in the U.S. patent applications listed on attached **Exhibit B**.

WHEREAS, **FUJITSU DISPLAY TECHNOLOGIES CORPORATION**, a corporation of Japan, of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan, desires to acquire the U.S. patents listed on the attached **Exhibit A**, and Fujitsu's interest in the U.S. patent applications listed on the attached **Exhibit B**.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, **FUJITSU LIMITED** does hereby sell, transfer, convey, and assign unto **FUJITSU DISPLAY TECHNOLOGIES CORPORATION**, all of its right, title, and interest, in and to the U.S. patents and U.S. patent applications listed on the attached Exhibit A and Exhibit B, including all rights to sue for past, present and future infringement, all rights to proceeds recovered for past, present and future infringement thereof, all rights and privileges given to **FUJITSU LIMITED** by previous assignments, and all rights to extend such patents and patent rights.

FUJITSU LIMITED hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application identified in Exhibit B or any additional, continuing or divisional applications thereof to **FUJITSU DISPLAY TECHNOLOGIES CORPORATION**, its successors and assigns, and any owner of a partial interest in such patents.

FUJITSU LIMITED hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification that may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office.

IN WITNESS WHEREOF, FUJITSU LIMITED has caused this Patent Assignment to be executed by its duly authorized officer on this 24 day of October, 2002.

FUJITSU LIMITED

Date: October 24, 2002

By: 
Name: Naoyuki AKIKUSA
Title: President, CEO and COO

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**Continuation of Section 4(a) of Recordation Cover Sheet
United States Patent Applications being assigned**

08/939,822	09/582,683	09/825,116	10/079,008
09/030,410	09/607,104	09/829,531	10/080,108
09/061,543	09/611,846	09/861,796	10/094,438
09/093,446	09/616,414	09/867,082	10/095,137
09/097,027	09/619,556	09/867,821	10/095,626
09/170,764	09/619,593	09/874,442	10/096,182
09/238,875	09/627,194	09/881,614	10/097,695
09/250,575	09/629,287	09/884,737	10/097,718
09/277,880	09/651,288	09/886,636	10/097,780
09/280,955	09/651,931	09/886,679	10/100,423
09/282,772	09/662,236	09/891,694	10/100,817
09/286,917	09/663,580	09/898,340	10/102,004
09/287,304	09/663,677	09/903,010	10/102,264
09/288,741	09/675,124	09/923,076	10/102,453
09/291,886	09/679,455	09/925,666	10/104,357
09/314,750	09/680,368	09/927,005	10/105,137
09/316,757	09/689,928	09/930,048	10/107,839
09/375,861	09/703,275	09/930,417	10/107,989
09/398,126	09/706,994	09/930,902	10/108,743
09/416,972	09/728,767	09/938,183	10/109,020
09/428,324	09/734,960	09/939,845	10/109,446
09/439,607	09/735,136	09/955,759	10/109,584
09/454,578	09/759,424	09/956,267	10/113,149
09/468,489	09/774,406	09/961,871	10/139,888
09/471,347	09/778,134	10/005,259	10/144,671
09/472,328	09/778,627	10/015,065	10/146,751
09/473,868	09/781,620	10/023,344	10/156,454
09/490,502	09/784,425	10/025,044	10/165,760
09/491,342	09/797,564	10/037,839	10/166,603
09/501,747	09/812,035	10/047,216	10/166,119
09/551,362	09/819,291	10/051,709	
09/577,032	09/821,976	10/059,456	

Total of 126 U.S. Patent Applications Assigned

**Continuation of Section 4(b) of Recordation Cover Sheet
Issued United States Patents Being Assigned**

5,570,211	6,151,003
5,742,074	6,181,317
5,745,206	6,184,947
5,764,216	6,222,599
5,764,845	6,243,066
5,795,686	6,249,270
5,796,379	6,255,706
5,798,809	6,259,494
5,799,126	6,281,956
5,801,802	6,288,762
5,841,501	6,297,519
5,847,792	6,304,255
5,926,244	6,310,672
5,943,106	6,323,917
5,946,058	6,323,918
5,956,007	6,335,290
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6,040,885	6,392,629
6,064,222	6,396,470
6,078,376	6,406,946
6,107,981	6,417,909
6,115,020	6,424,398
6,118,665	6,445,428
6,133,968	6,448,533
6,135,598	6,459,466
6,141,075	
6,147,740	

Total of 56 U.S. Patents Assigned