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OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼

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PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Pliant Technologies, Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☒ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 3/13/2003

2. Name and address of receiving party(ies)

Name: J. David Cabello, authorized agent

Internal Address: Suite 600

Street Address: 20333 State Highway 249

City: Houston State: TX Zip: 77070

Additional name(s) & address(es) attached? ☐ Yes ☒ 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) _____

B. Patent No.(s) 6,370,534

Additional numbers attached? ☐ Yes ☒ No

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

Name: Eddy J. Rogers, Jr.

Internal Address: Suite 4200

Street Address: 600 Travis

City: Houston State: TX Zip: 77002

6. Total number of applications and patents involved: 1

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

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0897 (144660)

DO NOT USE THIS SPACE

9. Signature.

Joanne W. Roby

Name of Person Signing

Signature

03/25/2003

Date

Total number of pages including cover sheet, attachments, and documents: 4

04/02/2003 TDAZ1 00000072 500897 6370534

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

PATENT
REEL: 013897 FRAME: 0663

PATENT SECURITY AGREEMENT

PATENT SECURITY AGREEMENT dated March 13, 2003, made by Pliant Technologies, Inc., ("Pliant"), a Delaware corporation with a principal place of business at 3000 Richmond, Houston, Texas 77098, in favor of holders of those certain bridge notes (the "Bridge Notes") issued after February 18, 2003 but before March 31, 2003, in an aggregate principal amount not to exceed \$500,000. The holders of the Bridge Notes shall be referred to collectively herein as the "Holders".

Pursuant to the Bridge Notes, the Holders have made loans to Pliant, subject to the terms and conditions thereof, including without limitation, the grant of a security interest in the Patents (defined below) pursuant to this Patent Security Agreement by Pliant to secure the all amounts owing under the Bridge Notes and this Patent Security Agreement (collectively, the "Secured Obligations").

The Holders have elected J. David Cabello as their agent for any and all matters relating to the Secured Obligations.

Pliant and the Holders desire to record this grant of the security interest with the United States Patent and Trademark Office.

NOW, THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Pliant hereby agrees with the Holders as follows:

1. The terms and provisions of the Bridge Notes dated of even date herewith are incorporated herein in their entirety.
2. Pliant grants to the Holders a security interest in its right, title, and interest in and to U.S. Patent No. 6,370,534.

Signed and sealed at Houston, Texas on March 13, 2003.

PLIANT TECHNOLOGIES, INC.

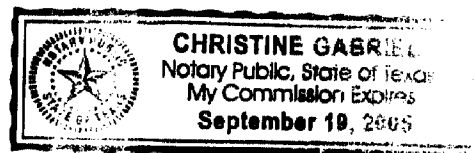
By: R Douglas Parker
Name: R. Douglas Parker
Title: CEO

State of Texas)
) ss
County of Harris)

Subscribed and sworn to before me this 13 day of March, 2003.

Notary Public Christie Gehl

My Commission expires _____.



[Pliant Patent Security Agreement]