

Form: PTO-1505

RECORDATION FORM COVER SHEET PATENTS ONLY

Docket No.: CML00/1455

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

1 Name of conveying party(ies):

Lars Chapsky 6/19/03
Wayne D. Frasch 7/1/03
Chia Fu Chou 6/9/03
Frederic Zenhausern 6/9/03
Herbert Goronkin 5/30/03

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

☐

Yes

☐

No

3 Name of conveyance:

☒

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

☐

Other

Execution Date: May 30, 2003, June 9 & 19, 2003, July 1, 2003

2 Name and address of receiving party(ies)

Name: Motorola, Inc.Internal Address: Law DepartmentStreet Address: 1303 East Algonquin RoadCity: SchaumburgState: ILZip: 60196

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): 10/365378

B. Patent No.(s)

Additional numbers attached?

☐

Yes

☐

No

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

Name: MOTOROLA, INC.Internal Address:
Law DepartmentStreet Address: 3102 North 56th StreetCity: PhoenixState: ARIZONAZip: 85018

6 Total number of applications and patents involved:

17 Total fee (37 CFR 3.41) \$40.00☐

Enclosed

☒

Authorized to be charged to deposit account

8 Deposit account number: 502117

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

DO NOT USE THIS SPACE

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.

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 3

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

PATENT**REEL: 013775 FRAME: 0346****700035284**

CH \$40.00 602117 10366378

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **LARS CHAPSKY, TEMPE, ARIZONA; WAYNE D. FRASCH PHOENIX ARIZONA; CHIA FU CHOU, CHANDLER, ARIZONA; FREDERIC ZENHAUSERN, FOUNTAIN HILLS, ARIZONA; HERBERT GORONKIN, TEMPE, ARIZONA**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **MOTOROLA, INC.**, a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and **Arizona State University**, having its principal office in Tempe, State of Arizona, United States of America and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **SINGLE MOLECULE DETECTION OF BIO-AGENTS USING THE F1-ATPASE BIOMOLECULAR MOTOR** (Docket No. **CML00714SS**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto **MOTOROLA, INC. AND ARIZONA STATE UNIVERSITY**, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize **MOTOROLA, INC. AND ARIZONA STATE UNIVERSITY** to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **MOTOROLA, INC. AND ARIZONA STATE UNIVERSITY**, for the sole use and benefit of **MOTOROLA, INC. AND ARIZONA STATE UNIVERSITY**, their successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been

held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC. AND ARIZONA STATE UNIVERSITY.

We agree that, when requested, we will, without charge to MOTOROLA, INC. AND ARIZONA STATE UNIVERSITY, but at their expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC. AND ARIZONA STATE UNIVERSITY, their successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, INC. AND ARIZONA STATE UNIVERSITY, their successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Lars Chapsky
LARS CHAPSKY

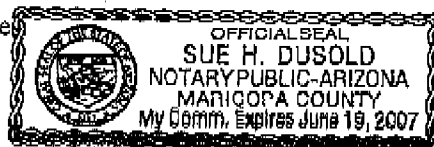
DATE: 6-19-03

STATE OF ARIZONA)
)ss
COUNTY OF MARICOPA)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that LarsChapsky whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 19th day of June, 2003.

My commission expires



Sue H. Dusold
Notary Public Signature

Sue H. DUSOLD
Printed Name of Notary Public

Chia Fu Chou
CHIA FU CHOU

DATE: 06-09-03

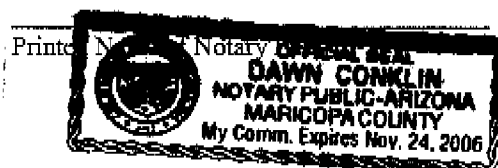
STATE OF ARIZONA)
COUNTY OF MARICOPA)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Chia Fu Rizzo whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 9 day of June, 2002.

My commission expires:

Dawn Conklin
Notary Public Signature



F. Zenhausern
FREDERIC ZENHAUSERN

DATE: 6-9-03

STATE OF ARIZONA)
)ss
COUNTY OF MARICOPA)

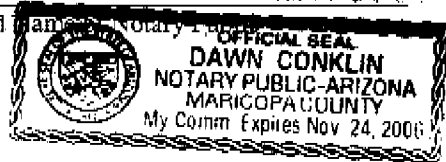
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Frederic Zenhausern whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 9 day of June,
2003.

My commission expires:

Dawn Conklin
Notary Public Signature

Printed Name



Herbert Goronkin
HERBERT GORONKIN

DATE: 5/30/03

STATE OF ARIZONA)
)ss
COUNTY OF MARICOPA)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Herbert Goronkin whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 30 day of May, 2003.

My commission expires:

June 28, 2003

Jeanine L. Thompson
Notary Public Signature

Jeanine L. Thompson
Printed Name of Notary Public

