### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Christopher C. BENZ	06/10/1996
Demetrios P. PAPAHADJOPOULOS (Deceased)	06/07/1996
Francis C. SZOKA (Legal Representative)	07/26/1999
John W. PARK	06/11/1996
Keelung HONG	06/07/1996
Dmitri KIRPOTIN	06/06/1996

### **RECEIVING PARTY DATA**

Name:	The Regents of the University of California
Street Address:	1111 Franklin Street
Internal Address:	12th Floor
City:	Oakland
State/Country:	CALIFORNIA
Postal Code:	94607-5200

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12370038

### **CORRESPONDENCE DATA**

Fax Number: (415)576-0300

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 415-576-0200

Email: jhdallara@townsend.com

Correspondent Name: Kenneth A. Weber

Address Line 1: Two Embarcadero Center

Address Line 2: 8th Floor

Address Line 4: San Francisco, CALIFORNIA 94111-3834

ATTORNEY DOCKET NUMBER: 02307E-053640US

501294869 PATENT REEL: 025009 FRAME: 0406

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NAME OF SUBMITTER:	Jo Ann Honcik Dallara
Total Attachments: 16	
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### CHERN & TOWNSERD & CREW

7307E-053610US UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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TOWNSEND AND TOWNSEND AND CREW LLP TOM HUNTER TWO EMBARCADERO CENTER, 8TH FLOOR SAN FRANCISCO, CALIFORNIA 94111-3834



# UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 07/15/1996

REEL/FRAME: 8075/0091

NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BENZ, CHRISTOPHER C.

DOC DATE: 06/10/1996

**ASSIGNOR:** 

PAPAHADJOPOULOS, DEMETRIOS

DOC DATE: 06/07/1996

ASSIGNOR:

PARK, JOHN W.

DOC DATE: 06/11/1996

ASSIGNOR:

HONG, KEELUNG

DOC DATE: 06/07/1996

**ASSIGNOR:** 

KIRPOTIN, DMITRI

DOC DATE: 06/06/1996

**ASSIGNEE:** 

REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE 300 LAKESIDE DRIVE, 22ND FL. OAKLAND, CALIFORNIA 94612-3550

8075/0091 PAGE 2

SERIAL NUMBER: 08634197

PATENT NUMBER:

FILING DATE: 04/18/1996

ISSUE DATE:

JACQUELINE MOORE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

**PATENT** 

08-14-1996	8/ 634/97 Attorney Docket No. 02307E-053610
FORM PTO-1! (Rev. 6-93)	FORM COVER SHEET  NTS ONLY  I.S. DEPARTMENT OF COMMERCE Patent and Trademary CityCey
To the Honors 100251962 36 (8)	cord the attached original documents or copy thereof.
1. Name (Choveying party(ies):	2. Name and address of receiving party(ies):
Christopher C. Benzis 42 1996  Additional nate(s) of conveying party(les) attached? x Yes No	Name: The Regents of the University of California Internal Address:
	Street Address: 300 Lakeside Drive, 22nd Fl.
3. Nature of conveyance:	City: Oakland State: California ZIP: 94612-3550
Execution Date: 6/10/96, 6/7/96, 6/11/96, 6/7/96, 6/6/96	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 applicant to the second secon	75000 11 5 070
A. Patent Application No.(s) 08/634,197  Additional numbers atta	B. Fatelit No.(s)
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Tom Hunter TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200	7. Total fee (37 CFR 3.41):
	8. Deposit account number: 20-1430
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9. Statement and signature.	
of the original document.  Tom Hunter Name of Person Signing  Signature	Date 1996  pages including cover sheet, attachments, and document: 7
10. Change Correspondence Address to that of Part 5?	Yes No
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 Additional name(s) of conveying party(ies): (Continued from Page 1)

Demetrios Papahadjopoulos John W. Park Keelung Hong Dmitri Kirpotin

- Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
  - A. Patent Application No.(s)

B. Patent No.(s)

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PATENT

# TTKC Attorney Docket No. <u>02307E-053610</u> **ASSIGNMENT**

U.C. Case No For good and	. <u>93-203-2</u> valuable consideration,	the receipt of	which is I	nereby ack	nowledged,	ASSIGNOR	(S),
1. Christophe	r C. Benz	<u></u>	2. [	Demetrois f	Papahadiopo	ulos	
3. <u>John W. P</u>	ark		4. <u>k</u>	Ceelung Ho	ng		
5. <u>Dmitri Kirp</u>	otin		6.				
Corporation, 94612-3550, interest for the	assigns and transfers thaving its statewide adding its statewide adding and the successors, as the United States and its which are disclosed in	ministrative off signs and legal territorial poss	fices locat represent essions ar	ed 300 Lal atives of th	keside Drive ne ASSIGNE	, 22nd Fl., ( E all of its rig	Oakland, CA ght, title and
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and which is	found in						
(a) <u>X</u>	U.S. patent application entitled as above and				inventors		
(b) <u>X</u>	U.S. application serial	no. <u>08/634,1</u>	97		filed on <u>4/1</u>	8/96	· · · · · · · · · · · · · · · · · · ·
(c)	U.S. Patent No.:				issued		
ASSIGNOR(S) made or enter  ASSIGNOR(S) facts and document accessible relating therei	n-part, extension or substance all rights under all hereby covenants that ed into which would continue that the covenants that the to ASSIGNOR and with and will promptly extension or substance to an accordance to the content of the conten	International C t no assignment onflict with this ASSIGNEE will nvention and saill testify as to recute and deli-	Convention  nt, sale, and s assignment , upon its a aid Letters the same ver to AS	greement of ent; request, be Patent and in any in SIGNEE or	Protection of or encumbra provided prod legal equiviterference, in its legal rep	Industrial F nce has bee comptly with alents as ma litigation, or presentative	Property; en or will be all pertinent by be known proceeding any and all
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**PATENT** 

(UC Revised: 4/27/93)

# TTKC Attorney Docket No. <u>02307E-053610</u> <u>ASSIGNMENT</u>

	lo. <u>93-203-2</u> d valuable consid⊢ atior	n, the receipt o	f which is hereby	acknowledged, ASSIGNOR(S),
1. Christoph	er C. Benz		2. Demetr	dis Papahadiopoulos
3. <u>John W.</u>	Park		4. Keelung	Hong
5. <u>Dmitri Kir</u>	potin			
94612-3550 interest for t	), and the succes .ors, a	ssigns and lega sterritorial pos	ffices located 300 Il representatives sessions and in al	the University of California, a California Lakeside Drive, 22nd Fl., Oakland, CA of the ASSIGNEE all of its right, title and I foreign countries in and to, any and al
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AND the ASS United States California. executed this	and any reissue or ex	Assistant Com tension thereo	f to the ASSIGN	ents to issue said Letters Patent of the EE, The Regents of the University of Signature of Inventor(s)
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# TTKC Attorney Docket No. <u>02307E-053610</u> ASSIGNMENT

U.C. Case No. <u>93-203-2</u> For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S), 1. Christopher C. Benz 2. <u>Demetrois Papahadiopoulos</u> 3. John W. Park 4. Keelung Hong 5. Dmitri Kirpotin hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewille administrative offices located 300 Lakeside Drive, 22nd Fl., Oakland, CA 94612-3550, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclo: ed in the invention entitled: IMMUNOLIPOSOMES THAT OPTIMIZE INTERNALIZATION INTO TARGET CELLS and which is found in U.S. patent application executed on \_\_\_\_\_\_6/11/96 entitled as above and listing the above-named persons as inventors U.S. application serial no. <u>08/634,197</u>, filed on <u>4/18/96</u> U.S. Patent No.: and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property; ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known. AND the ASSIGNOR(S) requests the Assistant Commissioner for Patents to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California. executed this Signature of Inventor(s) day of \_\_\_\_\_\_, 19\_\_\_\_ day of Jhre. day of \_\_\_\_\_, 19 day of \_\_\_\_\_\_, 19\_\_\_

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(UC Revised: 4/27/93)

# TTKC Attorney Docket No. <u>02307E-053610</u> <u>ASSIGNMENT</u>

U.C. Case No. <u>93-203-2</u> For good and valuable con	sideration, the receipt	of which is hereby acknowledged, ASSIGNOR(S),
1. Christopher C. Benz		2. <u>Demetrois Papahadjopoulos</u>
3. <u>John W. Park</u>		4. <u>Keelung Hong</u>
5. <u>Dmitri Kirpotin</u>		6
94612-3550, and the succ	tewide administrative c essors, assigns and leg es and its territorial po	, The Regents of the University of California, a California offices located 300 Lakeside Drive, 22nd Fl., Oakland, CA had representatives of the ASSIGNEE all of its right, title and ssessions and in all foreign countries in and to, any and all nentitled:
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and which is found in		
(a) X U.S. patent	application executed o	n <u>6/7/96</u>
		ove-named persons as inventors
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(c) U.S. Patent I	No.:	, issued
ASSIGNOR(S) hereby cover made or entered into which ASSIGNOR(S) further coverage facts and documents relating and accessible to ASSIGNO relating thereto and will propapers, instruments or affidativention and said Letters Propagation of the purposes thereof, assignment to insert into this known.	would conflict with the ants that ASSIGNEE wing to said invention and sign and will testify as the and the area of	II, upon its request, be provided promptly with all pertinent said Letters Patent and legal equivalents as may be known of the same in any interference, litigation, or proceeding liver to ASSIGNEE or its legal representative any and all or, obtain, maintain, issue or enforce said application, said not thereof which may be necessary or desirable to carry distributed and requested by the execution of this date and serial number of said application when officially
Jnited States and any reiss California.	ests the Assistant Con ue or extension there	nmissioner for Patents to issue said Letters Patent of the of to the ASSIGNEE, The Regents of the University of
executed this		Signature of Inventor(s)
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7th day of June	, 19 <u>96</u>	Keel F Horg
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PATENT REEL: 025009 FRAME: 0415

(UC Revised: 4/27/93)

# TTKC Attorney Docket No. <u>02307E-053610</u> ASSIGNMENT

U.C. Case No. 93-203-2 For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S), 1. Christopher C. Benz 2. Demetrois Papahadiopoulos 3. John W. Park 4. Keelung Hong 5. Dmitri Kirpotin hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 300 Lakeside Drive, 22nd Fl., Oakland, CA 94612-3550, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled: IMMUNOLIPOSOMES THAT OPTIMIZE INTERNALIZATION INTO TARGET CELLS and which is found in U.S. patent application executed on \_\_\_6/6/96 entitled as above and listing the above-named persons as inventors (b) <u>X</u> U.S. application serial no. 08/634,197 \_\_\_\_\_, filed on <u>4/18/96</u> U.S. Patent No.: \_\_\_ \_\_\_\_\_, issued and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property; ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known. AND the ASSIGNOR(S) requests the Assistant Commissioner for Patents to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California. executed this Signature of Inventor(s) \_\_\_\_\_ day of \_\_\_\_\_\_, 19\_\_\_ . .\_\_\_\_ \_\_ day of \_\_\_\_\_, 19\_\_\_ M:UCASSIGN.MRG 2/98 (UC Revised: 4/27/93)

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07~976-05361065 UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS Washington, D.C. 20231

OCTOBER 06, 1999

PTAS

TOWNSEND AND TOWNSEND AND CREW LLP KENNETH A. WEBER, ESO TWO EMBARCADERO CENTER 8TH FLOOR SAN FRANCISCO, CA 94111-3834

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RECORDATION DATE: 08/05/1999

REEL/FRAME: 010141/0127

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PAPAHADJOPOULOS, DEMETRIOS P.

DOC DATE: 07/26/1999

(DECEASED) SINGED FOR BY FRANCIS

C. SZOKA

ASSIGNEE:

REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE 1111 FRANKLIN STREET 12TH FLOOR OAKLAND, CALIFORNIA 94607-5200

SERIAL NUMBER: 08634197

PATENT NUMBER:

FILING DATE: 04/18/1996

ISSUE DATE:

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STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



mko 8-5-45 Docket No. 02307E-053610

FORM PTO-1595	U.S. Department of Commerce
(Rev. 6-93) 1 01 1 1 To the Honorable Asst. Commissioner for Patents. Please record to	
Name of conveying party(ies):	Name and address of receiving party(ies)
On behalf of inventor, <b>Demetrios P. Papahadjopoulos</b> (deceased), signed for by Francis C. Szoka, executor of the last will and testament of Demetrios P. Papahadjopoulos	Name: The Regents of the University of California Internal Address: 12 <sup>th</sup> Floor
Additional name(s) of conveying parties attached? ☐ Yes ☑ No.	Street Address: 1111 Franklin Street  City: Oakland State: California ZIP: 94607-5200
3. Nature of conveyance:	ony. Sunana Sunonna 2n : 54507-5250
	Additional names and addresses attached? ☐ Yes ☒ No
☐ Security Agreement ☐ Change of Name	
Other: Assignment with Proof of Authority to sign on behalf of deceased inventor	
Execution Date: July 26, 1999	
Application Number(s) or Patent Numbers.	
If this document is being filed together with a new application, the ex	xecution date of the application is:
A. Patent Application No(s): 08/634,197	B. Patent No(s):
Additional numbers attached?	☐ Yes ⊠ No
5. Name and address of party to whom correspondence	Total number of applications and patents involved 1
concerning document should be mailed:  Name: Kenneth A. Weber, Esq.	7. Total fee (37 CFR 3.41):\$40.00
TOWNSEND AND TOWNSEND AND CREW LLP	7. Total lee (37 Cl 13.41).
Two Embarcadero Center, 8 <sup>th</sup> Floor	☐ Enclosed ☐ Charge Fees to Deposit Account
San Francisco, California 94111-3834 (415) 576-0200	☐ Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.
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9. Statement and signature.	THIS SPACE
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Kenneth A. Weber Name of Person Signing Signature	8/2/99 Date
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### **ASSIGNMENT**

U.C. Case No.: 93-203-2

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Francis C. Szoka, as executor of the last will and testiment of Demetrios P. Papahadjopoulos (deceased),

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin St., 12<sup>th</sup> Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:
IMMUNOLIPOSOMES THAT OPTIMIZE INTERNALIZATION INTO TARGET CELLS
and which is found in
(a) U.S. provisional application filed herewith and listing the above-named persons as inventors
(b) U.S. patent application filed herewith and listing the above-named persons as inventors
(c) X U.S. application serial no. <u>08/634,197</u> , filed on <u>April 18, 1996</u>
(d) U.S. Patent No.: , issued
and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;
ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;
ASSIGNOR(S) further covenants that ASSIGNEE will; upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.
executed this Signature of Executor
day of July , 1999 Francis C. Szoka, executer of the last will and testiment of Demetrios P. Papahadjopoulos deceased)
• /

(ReL71-6/97	Pub.605) - FORM 1-8	1–65
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· (2) C		
• •	is attached hereto.	
(b) 🖾	was filed on 4/18/96 as Application No. 08/634,197 and was amended on (if ap.	nlicable)
	was described and claimed in International Application No.	•
	filed on and as ame	nded on
	(if any).	
22.00		
PROO.	OF OF AUTHORITY OF ADMINISTRATOR(TRIX), EXECUTO OR LEGAL REPRESENTATIVE(S)	R(TRIX)
	declaration for the above identified application was signed on behalf of	of the
	deceased	
	] incapacitatedDemetrios P. Papahadjopoulos	
inventor_	(type or print name of deceased or incapacitated inventor)	
by	Francis C. Szoka	
	(type or print name(s) of administrator(trix), executor(trix) legal representative, or all he	eirs)
Attache	hed is	
	(check and complete (d) or (e))	
(d) 🖺	a certificate of the clerk of a competent court or the register of w appointment of the signatory is still in force and effect.	vills that the
(e) 🗆	a certificate from the appropriate court that they are all the heirs estate did not require the appointment of an administrator or that the authority corresponding to that of an administrator or heir.	and that the ney have the
	(also check and complete (f) and/or (g), if applicable)	
(f) 🗆	The court papers mentioned above are not in English. An English to such papers are also attached.	ranslation of
NOTE: 7	The translation need not be sworn or affirmed. MPEP § 409.01(a).	
(g) □		ature of the ority.
	(Proof of Authority of Administrator(trix), Executor(trix) or Legal Representative(s) [1-	3]—page 1 of 2)

Date:

Reg. No. 31,677

Tel. No. (415) 576-0200

Customer No.

Kongaell

SIGNATURE OF PRACTITIONER

Kenneth A. Weber

(type or print name of practitioner)

Townsend and Townsend and Crew, LLP

P.O. Address

Two Embarcadero Center, 8th Floor

San Francisco, CA 94111-3834

(Proof of Authority of Administrator(trix), Executor(trix) or Legal Representative(s) [1-8]—page 2 of 2)

FORM 1-8

1-66

**RECORDED: 09/17/2010** 

Form Approved by the

Judicial Council of California

LETTERS (Probate) Probate Code, \$2 1001, 8403. 8405, 8544, 8545; Code of Civil Procedure, \$ 2015,6

PATENT