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Form <b>PTO-1595</b> (Rev. 03/ 01) OMB No. 0651-0027 (exp. 5/31/2002)		95165	J.S. DEPARTMENT OF U.S. Patent and Trac
To the Honorable Commissioner of F	Patents and Trademarks	Please record the attached orig	inal documents or co
1. Name of conveying party(ies):		2. Name and address of	receiving party(ies)
Frank M. Orson, Berma M. Kinsey	r, and Balbir S. Bhoga מאלין און מאלין אין אין אין אין אין אין אין אין אין א	Name: <u>Baylor College</u> Internal Address: Street Address:	of Medicine
Additional name(s) of conveying party(ies) attached? 3. Nature of Conveyance:	Yes X No		licine
X     Assignment       Security Agreement	Merger Change of Name		
		City: <u>Houston</u> State: Texas	
Execution Date:		Additional name(s) &	Zip: <u>7703</u> Yes
4. Application number(s) or paten	(	address(es) attached:	
	ditional numbers attac	<u></u>	
	om correspondence	ched? Yes XNo 6. Total number of applica patents involved:	ations and
Adu 5. Name and address of party to who	om correspondence nailed:	6. Total number of applica	
Adv 5. Name and address of party to who concerning document should be r Name: Melissa W. Acosta	om correspondence nailed: I L.L.P.	6. Total number of applica patents involved:	
Adv 5. Name and address of party to who concerning document should be r Name: Melissa W. Acosta FULBRIGHT & JAWORSK	om correspondence nailed: I L.L.P. P01949US1	<ul> <li>6. Total number of applica patents involved:</li> <li>7. Total fee (37 CFR 3.4</li> <li>Enclosed</li> </ul>	
Adv 5. Name and address of party to who concerning document should be r Name: Melissa W. Acosta FULBRIGHT & JAWORSK Internal Address: Atty. Dkt.: HO-F	om correspondence nailed: I L.L.P. P01949US1	<ul> <li>6. Total number of applica patents involved:</li> <li>7. Total fee (37 CFR 3.4</li> <li>Enclosed</li> <li>X Authorized to be</li> <li>8. Deposit account number</li> </ul>	1) \$4
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Add 5. Name and address of party to who concerning document should be r Name: Melissa W. Acosta FULBRIGHT & JAWORSK Internal Address: Atty. Dkt.: HO-F Street Address: 1301 McKinney, S City: Houston 5. Statement and signature. To the best of my knowledge and h is a true copy of the original documents 5. Name and signature.	om correspondence nailed: I L.L.P. 201949US1 Suite 5100 e: Zip: 77010-3095 DO NOT USI belief, the foregoing in	6. Total number of applica patents involved: 7. Total fee (37 CFR 3.4 Enclosed X Authorized to be 8. Deposit account numb (Attach duplicate copy of this E THIS SPACE	1) \$4
Add 5. Name and address of party to who concerning document should be r Name: Melissa W. Acosta FULBRIGHT & JAWORSK Internal Address: Atty. Dkt.: HO-F Street Address: 1301 McKinney, S City: State Houston TX 9. Statement and signature. To the best of my knowledge and b	om correspondence nailed: I L.L.P. 201949US1 Suite 5100 e: Zip: <u>77010-3095</u> DO NOT USI belief, the foregoing in nent.	6. Total number of applica patents involved: 7. Total fee (37 CFR 3.4 Enclosed X Authorized to be 8. Deposit account numb (Attach duplicate copy of this E THIS SPACE	1) \$4
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Add 5. Name and address of party to which concerning document should be ri- Name: Melissa W. Acosta FULBRIGHT & JAWORSK Internal Address: Atty. Dkt.: HO-F Street Address: 1301 McKinney, S City: Houston TX 9. Statement and signature. To the best of my knowledge and his a true copy of the original docum Melissa W. Acosta Name of Person Signing	om correspondence nailed: I L.L.P. 201949US1 Suite 5100 e: Zip: 77010-3095 DO NOT USI belief, the foregoing in nent		1) \$ e charged to depose ber: 16-2375 page if paying by depose f and any attached July 20, 2 Date

PATENT REEL: 012016 FRAME: 0183

Form PTO-1619C Expires 06/30/99 OMB 0651-0027	RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY	U.S. Department of Commerce Patent and Trademark Office <b>PATENT</b>				
Conveying Party(ies) Mark if additional names of conveying parties attached Enter additional Conveying Party(ies) Execution Date Month Day Year						
Name (line 1) Bho	ogal, Balbir S.	04/04/2001				
Name (line 2)		Execution Date				
Name (line 1)		Month Day Year				
Name (line 2)		Execution Date				
Name (line 1)		Month Day Year				
Name (line 2)						
Receiving Party(ies) Enter additional Receiving Name (line 1) Name (line 2) Address (line 1) Address (line 2) Address (line 3) Name (line 1) Name (line 2) Address (line 1)	Mark if additional names of receiving parties         Party(ies)	If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)         Zip Code         If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached.				
Address (line 1)		(Designation must be a separate document from Assignment.)				
Address (line 3)						
	City State/Country	Zip Code				
Application Number(s) or Patent Number(s)       Mark if additional numbers attached         Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).						
Patent Application Number(s) Patent Number(s)						

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PATENT REEL: 012016 FRAME: 0184

## PATENT ASSIGNMENT

WHEREAS, we Frank M. Orson, a citizen of the USA, residing at Houston, Texas; Berma M. Kinsey, a citizen of the USA, residing at Houston, Texas; and Balbir S. Bhogal, a citizen of USA, residing at The Woodlands, Texas; (herein called "Assignors"), are the inventors and owners of a certain new and useful invention(s) (herein "Invention") and improvement(s) entitled MACROAGGREGATED PROTEIN CONJUGATES AS ORAL GENETIC IMMUNIZATION DELIVERY AGENTS; and

WHEREAS, Baylor College of Medicine, a corporation duly organized and existing under and by virtue of the laws of the United States, and having a principal place of business at Houston, Texas United States (herein called "Assignee"), is desirous of acquiring and Assignors are desirous of assigning to Assignee all right, title and interest in and to said Invention, improvement and any patent and patent application thereon in MACROAGGREGATED PROTEIN CONJUGATES AS ORAL GENETIC IMMUNIZATION DELIVERY AGENTS;

NOW, THEREFORE, Assignors, for and in consideration of One Dollar (\$1.00) cash in hand paid to them and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby SELL, ASSIGN and CONVEY unto Assignee all our right, title, and interest throughout the world in and to:

1. Said Invention and improvements in MACROAGGREGATED PROTEIN CONJUGATES AS ORAL GENETIC IMMUNIZATION DELIVERY AGENTS;

2. United States of America patent application on said Invention to be filed on or before April 6, 2001.

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## PATENT REEL: 012016 FRAME: 0185

3. All applications for patent or like protection on said Invention that have now been or may in the future be made by Assignors or their legal representatives, whether in the United States of America or any other country or place anywhere in the world;

4. All patents and like protection that have now been or may in the future be granted on said Invention to Assignors or their legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future law or statutes:

6. All rights of action on account of past, present and future unauthorized use of said Invention and for infringement of said patents and like protection;

7. The right to Assignee to file in its name applications for patents and like protection for said Invention in any country or countries foreign to the United States; and

8. All international rights or priority associated with said Invention, applications, patents and like protection.

Assignors covenant that Assignors, their heirs, legal representatives, assigns, administrators, and executors will, at the expense of Assignee, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give Assignee, its successors and assigns, the full benefit of this Assignment.

The U.S. Commissioner of Patents and Trademarks is hereby requested to issue U.S. Letters Patent in accordance with this Assignment. -2-

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WITNESS, the hand and seal of the assignor on the date(s) indicated.

DATE: 4/3/01 Jane M. Com

DATE: 7/4/01

Berne U. Jusin

DATE: 4/4/01

BALBIR S. BHOGA M

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