CENTER FOR TOTAL ARTIFICIAL HEARTS & BIOMEDICAL DEVICES — CONTRACT AMOUNT: $225,000.00

Donald B. Olsen, University of Utah

The main focus is on the development of artificial organs such as the heart and monitring and diagnostic devices, artificial fallopian tube, urinary bladder, urethra, sphincter and ureter.

A patent has been applied for on Non Invasive Measurement of Pressure in an Artificial Heart. Proposals have been submitted for Thrombogenesis in Blood Pumping Devices, and 100ml Stroke Volume Eliptical TAH in 50kg Recipients, to the National Institute of Health.

Matching Funds Source	In-Kind	Cash
Symbion surgical training		328,378.00
Dr. Kwon (electromechanical heart)		70,000.00
NIH Immune Response		512,855.00
NIH Artificial Heart		5,592,112.00
NIH Grant - Small Art. Heart		1,281,060.00
NIH Grant - Artificial Peptide		568,600.00
Nimbus		144,923.00
Deseret Med.		5,000.00
Murex: Vacuum Formed TAH Studies		32,000.00
VTechnical Research Assoc.		500.00
VA Hospital		25,000.00
Catheter Technologies		7,500.00
A Hospital		9,377.00
	TOTAL	$ 8,577,305.00

Companies Associated Since Beginning of Contract

1. ADAHF/NBS (Branko Tomazic)
2. Alexander Hospital, Athens, Greece, (Anastasis Poyiadjis).
3. BBC, London, (John Palfryman).
4. Braci, Argentina, (Daniel Bracco)
5. Bristol Myers, (Bob Ripps)
6. Buckhart University, (Ruth Aachen)
7. Chirrng Klinik Charito, Berlin, GDR, (Bernar Schubel)
8. Cleveland Clinic, (Michiaki Matsushita, M.D.)
9. Dept. Anesthesi, Rea Hosp.Cardio, Lyon, France (Claude Girard).
10. Dr. S.W. Kim Group, (K. Mukae)
11. Eagle Place, Inc. (Glenn Stuart)
12. Eli-Lilly Co., (David Lipson)
13. Evogelismos Los, Athens, Greece (Christos Charitos).
14. Frankfort Institute, (Prof. Dr. Klaus Gersonale)
15. Funacion Faualoro Senatorrio Guemes, Argentina (Jorge Issac Menolez).

16. Hospital Corp. Jordan Valley, (Stu Brerson)
17. Inst. of Medicine, Genetics, Moscow,USSR, (Nikolai Bochkov)
18. Johns Hopkins School of Medicine, (Jon Peters)
19. Kyoritu College of Pharmacy (Tohiko Oese)
20. Kyushu University, (A. Takahara)
21. L'Express, Paris, France, (Charles Gilbert)
22. McCliur of Condiotey Llensu Acoleui of Uedinno, Poland, (Todeun Petelur)
23. Medical Council of the Latieur SSR Health Manistry,(Igor Stepanov)
24. Moscow, All-Union Cardiology Research Centre, (George Dzhibladze)
25. Mountain View Pediatrics, (Dr. David Folland)
26. National Center of Surgery, USSR, (Sergei G. Dzemeslkevich)
27. Nelson & Associates, Inc. (Dan Nelson)
28. Nimbus, Inc., (Richard Warple)
29. Okayama University, (Hiroyuki Irie)
30. Ottowa Heart Institute, (E.M. Farrell)
31. Oxian Jiaotong, Xian, China, (Dazong Jiang)
32. PSR-Utah, (Karen Glynn)
33. Physicians for Social Responsibility, (Nancy Moorehead)
34. Salt Lake Tribune, (Anne Palmer & Jeff Allred)
35. Soviet C-TTEE of Physicians, Moscow, USSR, (Alexei Dmitriev)
36. Time Magazine, (Jon D. Hall)
37. Tokyo Medical & Dental University, (N. Yui)
38. Tokyo University (Nabuharu Takai)
39. Tokyo Women's Medical College, (K.Kataoka)
40. Tyobo, (K. Nakamisan)
41. U C & D Medical Center, (Tsuyosti Kawamura,M.D.)

Center for Artificial Hearts: Contract #87-0532

Payments:	Amount	Balance
26 Oct 87	$ 41,667.00	$ 83,333.00
26 Oct 87	8,334.00	74,999.00
02 Feb 88	8,334.00	66,665.00
27 May 88	8,334.00	58,331.00
30 Jun 88	8,334.00	49,997.00
Total Payments:	$75,003	
New Contract:		$100,000.00
30 Jun 88	21,428.58	78,571.42
Total Payments:	$21,428.58	