GEORGIA INSTITUTE OF TECHNOLOGY

PROJECT ADMINISTRATION DATA SHEET

Project No. E-23-667 (R5867-0A0)  GTRI/ME  REVISION NO.  12/17/84
Project Director: Ray Vito  School/UN: -ESM - ME
Sponsor: Spina Bifida Association of Atlanta, Georgia

Type Agreement: Standard Research Agreement Dated 11/12/84
Award Period: From 11/12/84 To 11/11/85 (Performance) 11/11/85 (Reports)
Sponsor Amount: This Change
Estimated: $ 34,565  $ 34,565
Funded: $ 34,565  $ 34,565
Cost Sharing Amount: None  Cost Sharing No: N/A
Title: Development of Brace and Brace Related Equipment for Spina Bifida Patients

ADMINISTRATIVE DATA
1) Sponsor Technical Contact:
   Tony Samaltanos
   5017 Castlewood Drive
   Lilburn, Georgia 30247

2) Sponsor Admin/Contractual Matters:
   Sara S. Turnipseed
   Georgia-Pacific Corporation
   Law Department
   133 Peachtree Street, NE
   Atlanta, Georgia 30348
   521-4805

Defense Priority Rating: N/A
Military Security Classification: N/A
(or) Company/Industrial Proprietary: N/A

RESTRICTIONS
See Attached N/A Supplemental Information Sheet for Additional Requirements.
Travel: Foreign travel must have prior approval — Contact OCA in each case. Domestic travel requires sponsor approval where total will exceed greater of $500 or 125% of approved proposal budget category.
Equipment: Title vests with None Proposed

COMMENTS:

COPIES TO:  I.D. No. 02.500.016.84.001
Project Director  Procurement/EES Supply Services  GTRI
Research Administrative Network  Research Security Services  Library
Research Property Management  Reports Coordinator (OCA)  Project File
Accounting  Research Communications (2)  Other A. Jones

FORM OCA 4:383
NOTICE OF PROJECT CLOSEOUT

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION

Date 2/23/89

Project No. E-25-M07

Center No. R5867-0A0

Project Director R. P. Vito

School/Lab ME

Sponsor Spina Bifida Association of Atlanta, Georgia

Contract/Grant No. Agreement dtd. 11/12/85

GTRC XX GIT

Prime Contract No.

Title Development of Braces and Brace Related Equipment for Patients

Effective Completion Date 10/31/87 (Performance) 10/31/87 (Reports)

Closeout Actions Required:

X None

X Final Invoice or Copy of Last Invoice - Already Submitted

X Final Report of Inventions and/or Subcontracts

X Government Property Inventory & Related Certificate

X Classified Material Certificate

X Release and Assignment

X Other

Includes Subproject No(s).

Subproject Under Main Project No.

Continues Project No. Continued by Project No.

Distribution:

X Project Director

X Administrative Network

X Accounting

X Procurement/GTRI Supply Services

X Research Property Management

X Research Security Services

X Reports Coordinator (OCA)

GTRC

Project File

Contract Support Division (OCA)

Other
March 20, 1986

Mr. Evans Anderson  
2796 Parkview Drive  
Atlanta, GA 30314

Dear Evans:

I am writing to fill you in on the status of the brace project. I will keep this report very brief but I will be glad to provide additional details on request.

Please let me know if there are any questions.

Sincerely,

Raymond P. Vito
Report to:

The Spina Bifada Association

on

Status of Composite Brace Project

Submitted by

Raymond P. Vito
School of Engineering Science and Mechanics
Georgia Institute of Technology
Atlanta, Georgia 30332
Introduction

Our goal remains the availability of a brace fabricated entirely of lightweight composite materials in Atlanta; specifically, at the Scottish Rite Hospital. To our knowledge, no one in the United States has achieved this goal though there is widespread interest in lightweight composites. One reason for this might be that the efforts that we are aware of are directed toward re-doing available designs using composite materials. Our approach has been to re-design braces so that they could be more easily fabricated with composite materials. We also believe that our design will be easier to use.

Status

We have made and tested the various components needed and are ready to order components, made to our specifications, from vendors. This will be expensive, so we have been very cautious, perhaps overly so, about committing the 5 - 10 thousand dollars required. It is unlikely that we will be able, despite our best efforts, to make components, other than the simplest ones, at Georgia Tech. We simply do not have the facilities.

Jim Barnes has kept in touch with us and we are hoping to fit our first patient this summer or perhaps sooner, depending on the vendors. Our goal is to fit enough patients so that we may publish the results.

Proposals

Though we are confident that we can do some clinical work, we also feel the need to submit additional proposals to various government agencies; specifically the Veterans Administration and the National Institute for Handicapped Research. These proposals will be submitted within the next month.
Manufacturing

We have identified a small composites company interested in manufacturing the brace, a necessity for our proposal writing. Though some manufacturers have expressed an interest, they all would like to see some clinical data before committing themselves.

Patent

The patent has been approved and should issue this summer.

Conclusion

We remain confident in our approach to bracing and are optimistic about the future of this project.