

04-08-1999

TER SHEET

To the Assistant Commission
Please record the attached or



101006813

ATTORNEY DOCKET NO. ALLEG-005AUS

1. Name of conveying party(ies):

- a) Glenn A. Forrest d) _____
b) P. Karl Scheller e) _____
c) _____ f) _____

Additional name(s) of conveying
party(ies) attached? ___ Yes X No

3. Nature of conveyance:

- X Assignment
___ Merger
___ Security Agreement
___ Change of Name
___ Other

Execution Date: 3-22-99

2. Name and address of receiving party(ies):

Name: ALLEGRO MICROSYSTEMS, INC.Street Address 115 Northeast CutoffCity: WorcesterState: MA Zip: 01615

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 application, the execution
date of the application is: 3-22-99

A. Patent Application No.(s)

B. Patent No. (s)

09/275209Additional numbers attached? ___ Yes X No

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

Name: Judith C. Crowley, Esq.Daly & Crowley, LLPStreet Address: P.O. Box 5057City: NorwellState: MA Zip: 02061-2516

6. Total number of applications and patents involved? _____

7. Total fee (37 CFR 3.41)

\$40.00X Enclosed

___ Authorized to be charged to Deposit
Account No.

8. Deposit Account No. (Attach
duplicate copy of this page if paying by
Deposit Account)

DO NOT USE THIS SPACE

04/05/1999 KHAMLING 00000023 010854 09275209

02 FC:581 40-00 CH 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.

DONALD F. MOFFORD

Name of Attorney

Signature

3-24-99

Date

Total number of pages including cover sheet: 4

ASSIGNMENT

Whereas we, the undersigned, Glenn A. Forrest and P. Karl Scheller, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled, DETECTION OF PASSING MAGNETIC ARTICLES WHILE ADAPTING THE DETECTION THRESHOLD identified as Attorney Docket No. ALLEG-005AUS and Client Case No. A-2013, which application was executed by us on 22 March 99, filed on 24 MAR 99 assigned Application No. _____. In the event that the execution date, filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys at Daly, Crowley & Mofford, LLP, P.O. Box 5057, Norwell, MA 02061-2516, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, ALLEGRO MICROSYSTEMS, INC., a Delaware corporation having a place of business at 115 Northeast Cutoff, Worcester, MA 01615, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

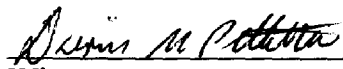
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

Dated: Mar 22, 99


Glenn A. Forrest

On this 22 day of Mar, 1999, before me appeared Glenn A. Forrest, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.


Witness

Dated: 3/22/99

P. Karl Scheller
P. Karl Scheller

On this 22nd day of MARCH, 1999, before me appeared P. Karl Scheller, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

[Signature]
Witness