**Funding Request** Date Submitted: \_September 23, 2019\_

Project: \_Levitation Drive\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supervisor: \_Prof. Gautier\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supervisor Approval Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Description:

This project will attempt to utilize diamagnetic materials (such as bismuth and pyrolytic carbon), induced electro-magnetic fields and a micro-controller to create a magnetic levitation drive.

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| Item | Part Number | Description | Supplier | Quantity | Price unit | Approved |
|  |  | 1000g Bismuth Metal Ingot Chunk 99.99% Pure Crystal Geodes | Sold by hotzzz and Fulfilled by Amazon.ca | 2 | $48.49 |  |
|  |  | Pukido 50x50x3mm Pyrolytic Graphite Plate for Magnetic levitation | Ships from and sold by KIsddon on Amazon.ca | 1 | $115.89 |  |
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| --- |
| Student Names |
| Curtis Dyer |
| Jacob Ndolelire |
| Enyonam Donkor |
| Jason Prasad |
| Wasam Al‐bayti |
| Matthew Janok |

Comments (Review Committee)

Comments (from Students)

We require these preliminary items to begin a proof-of-concept test as soon as possible.

**Equipment Loan Request** Date Submitted: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supervisor Approval Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Description:

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| Student Names |
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Item Requested:

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