

# 1. Summary



## Personal Data

Name: Hiroshi Nagaoka

Home University: Keio University

Home Faculty: Faculty of Science and Technology

Supervisor: Prof. Ph.D. Dr-Ing. E. h. Ichiro Inasaki

	TU Delft	TU Berlin
Host Faculty	-	Department of Mechanical Engineering and Transport system
Supervisor	-	Dipl.-Ing Vivek Gautam (the institution of Prof. Dr. –Ing Lucienne Blessing )
Term	22nd August 2005 - 7th October 2005	7th October 2005 - 31st January 2006
Accommodation	Dormitory (214.25Euro/Month)	Dormitory (205Euro/Month)

## 2. Research

*Research theme: Analysis and transformation of Japanese Air Cleaner for European Market*

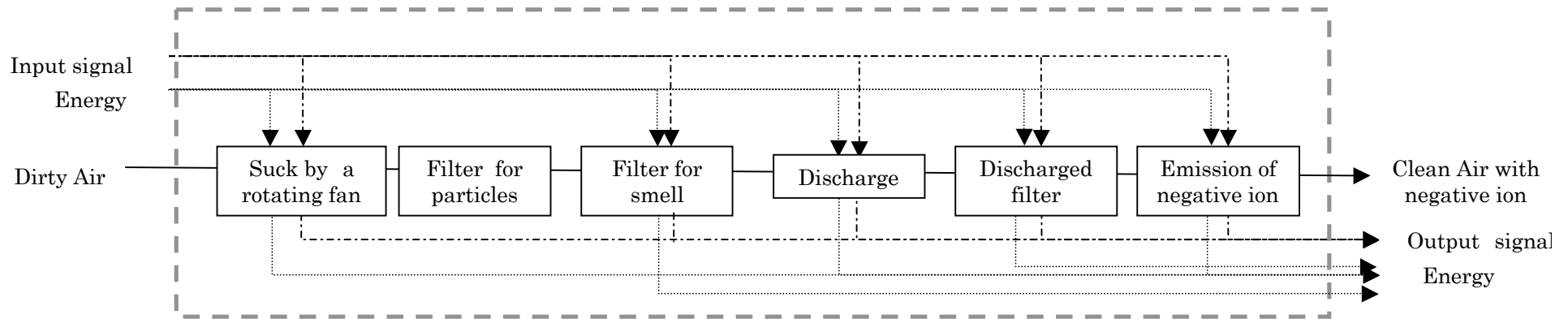
*Background: The increasing trend of globalization has led to the world-wide cooperation among product manufacturers. This can play important role for design engineers if a product is developed globally. Design engineers have to think global in a product development process.*

*Purpose: The purpose of this project is to adopt a Japanese house-hold product for European market because there are many differences between each country because all countries have their respective and original cultures.*

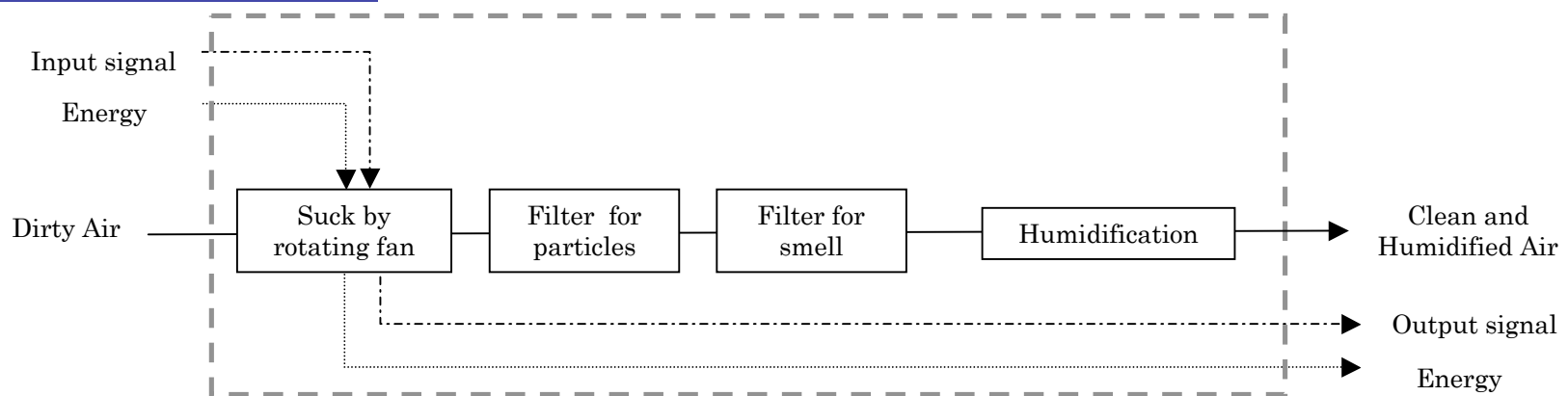


### 3. Research

#### Japanese product



#### European product



#### What should be included for European market is

- The Functionality of humidification
- No-dropping design
- 4 wheels on the bottom of air cleaner

#### What should be excluded for European market is

- Functionality of collecting noxious chemicals, exhaust gas, raw garbage and cooking
- Efficient mode

## 4. Exchange student life

### School

*I went to the university weekdays, and I took a few lectures in TU Delft. In TU Berlin I did my research.*



### Dinner

*I ate dinner in my dormitory with my friends for saving money. I got much better at cooking.*



### Party

*I often joined and enjoyed a party, and I sometimes had a party to serve Sushi. I did not know that most foreigners can eat raw fish.*



### Travel

*I traveled in weekend. My favorite place was Italy. It cost below 50 Euro to go there and back by plane.*

