



南六企業股份有限公司

Nan Liu Enterprise CO.,LTD



Comfortable



Satisfactory



Joyful

Stock Code : 6504.TW

Cautionary Statement



Nan Liu

The above statements that pertain to future projections constitute the expectations, opinions, outlooks, or predictions of our company based on information available at the time the statements were made. Such statements may be affected by known and unknown risks and inherent uncertainties, the existence or emergence of facts or factors that differ from the assumptions, suppositions, or judgments of the Company, or other factors. Consequently, there may be significant discrepancies between actual results pertaining to the Company's future earnings, management results, financial conditions, and other matters as explicitly or implicitly referred to in the statements and the content of such statements.

The presentation is run exclusively for the purpose of providing information and not for the purpose of soliciting investments or recommending the buying or selling of specific shares or products. Company makes no warranty concerning the accuracy or completeness of the information and will not be liable for any damages arising out of use of the Information.

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Applications for Nonwoven



We focus on



Hygiene



Cosmetics



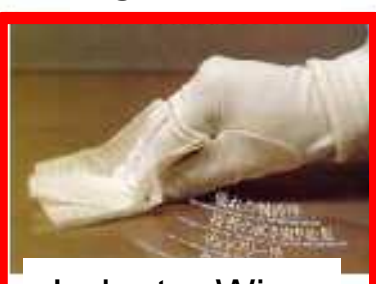
Packing



Medical



Protection



Industry Wipe



Car



Street



Agriculture



Construction



Filter



Industry Filter

Production Technology

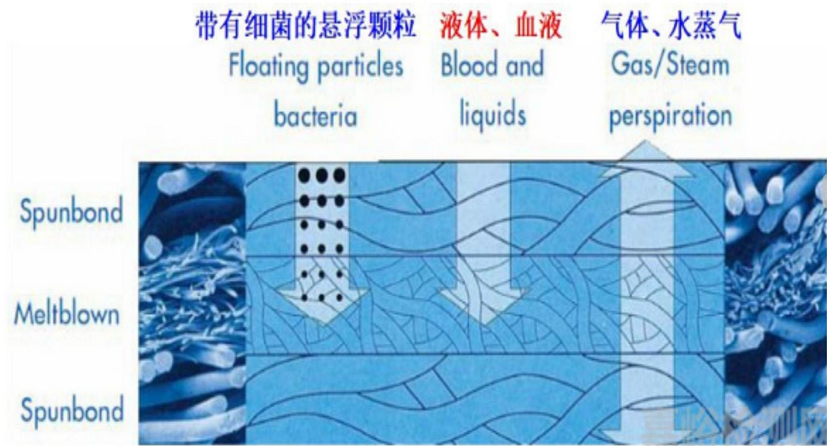
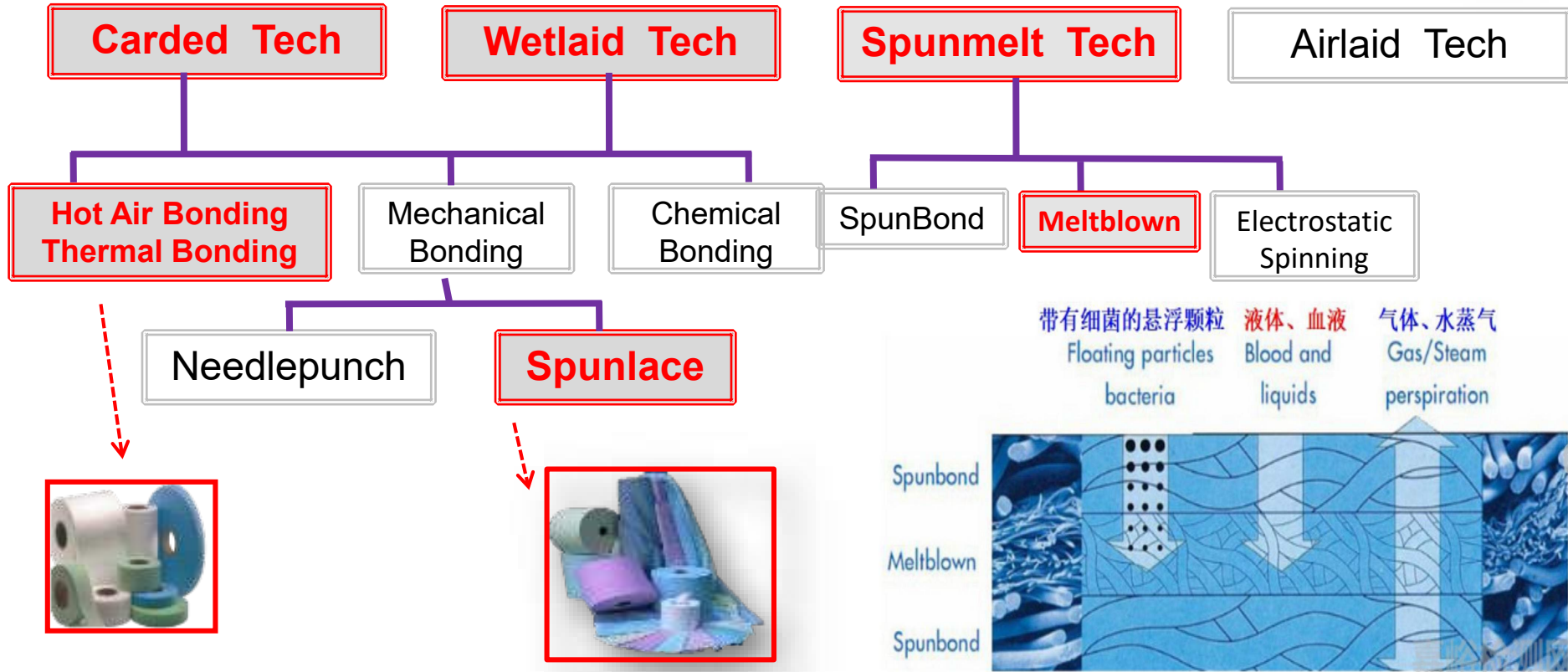
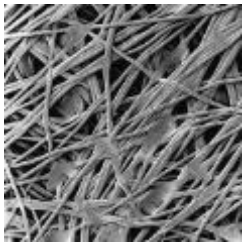
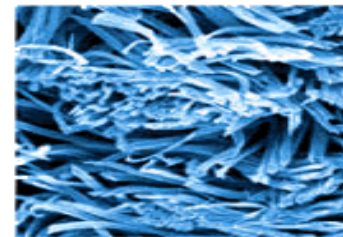
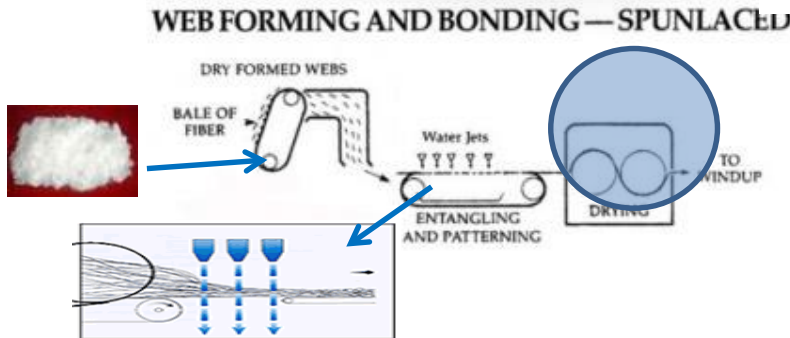


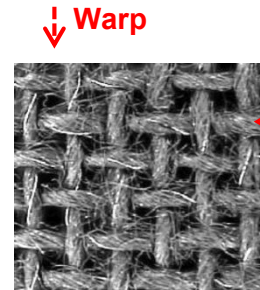
图 2: SMS 结构对各种物质阻隔效果示意



Thermal Bond



Spunlace Fabrics



Woven Fabrics

Company Profile



- **Establishment:** 1978
- **Capital:** NT\$726mn
- **Total employee:** 922 (Dec 31, 2023)
 - TW : 284 ; China : 411 ; India : 227
- **Headquarters:** Kaohsiung, Taiwan
- **Products :**



Founder MR. HUANG, CHIN-SAN

Vertical Integration

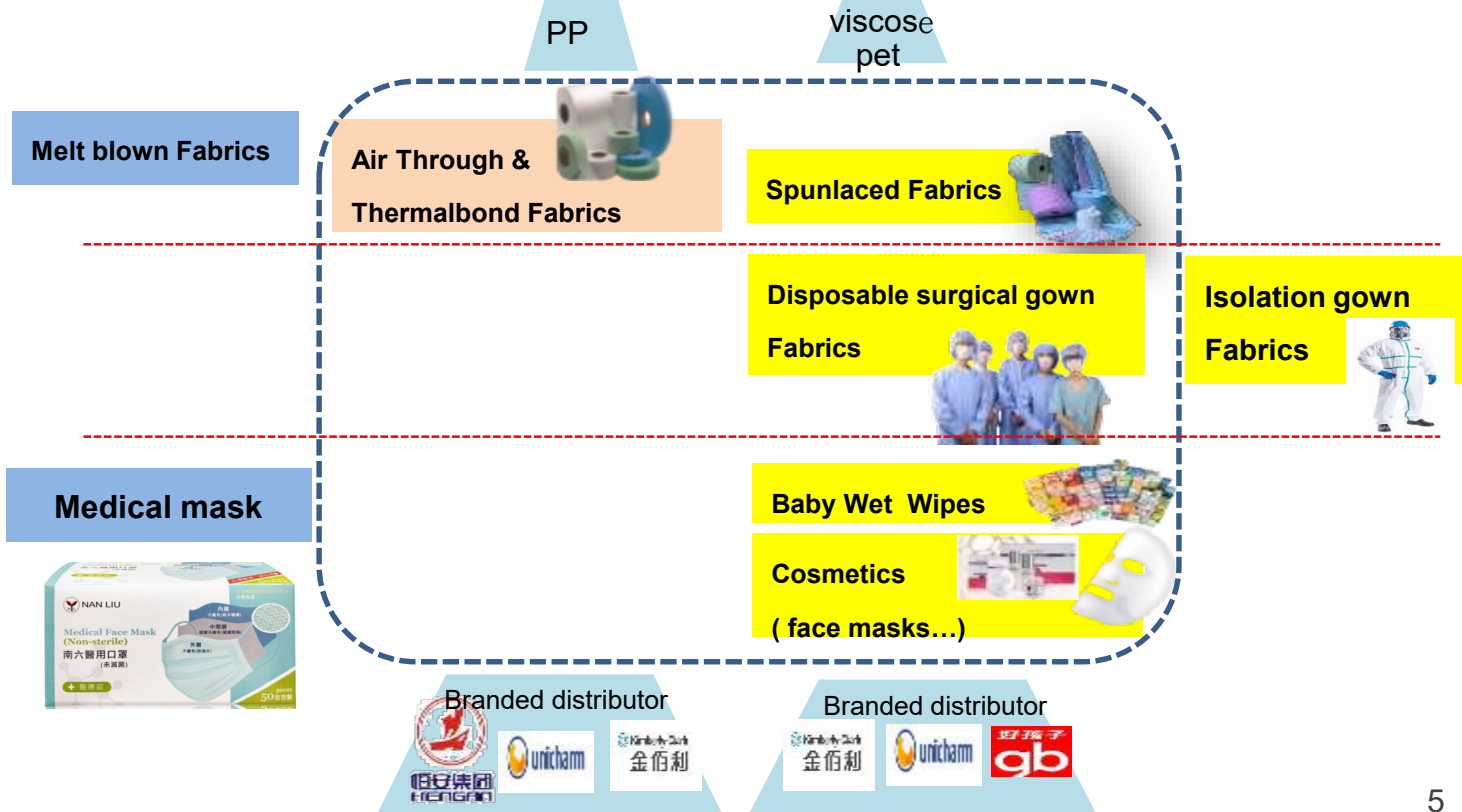
Fabrics



Secondary Processing



Finish Products



Revenue Split by Products



Nan Liu

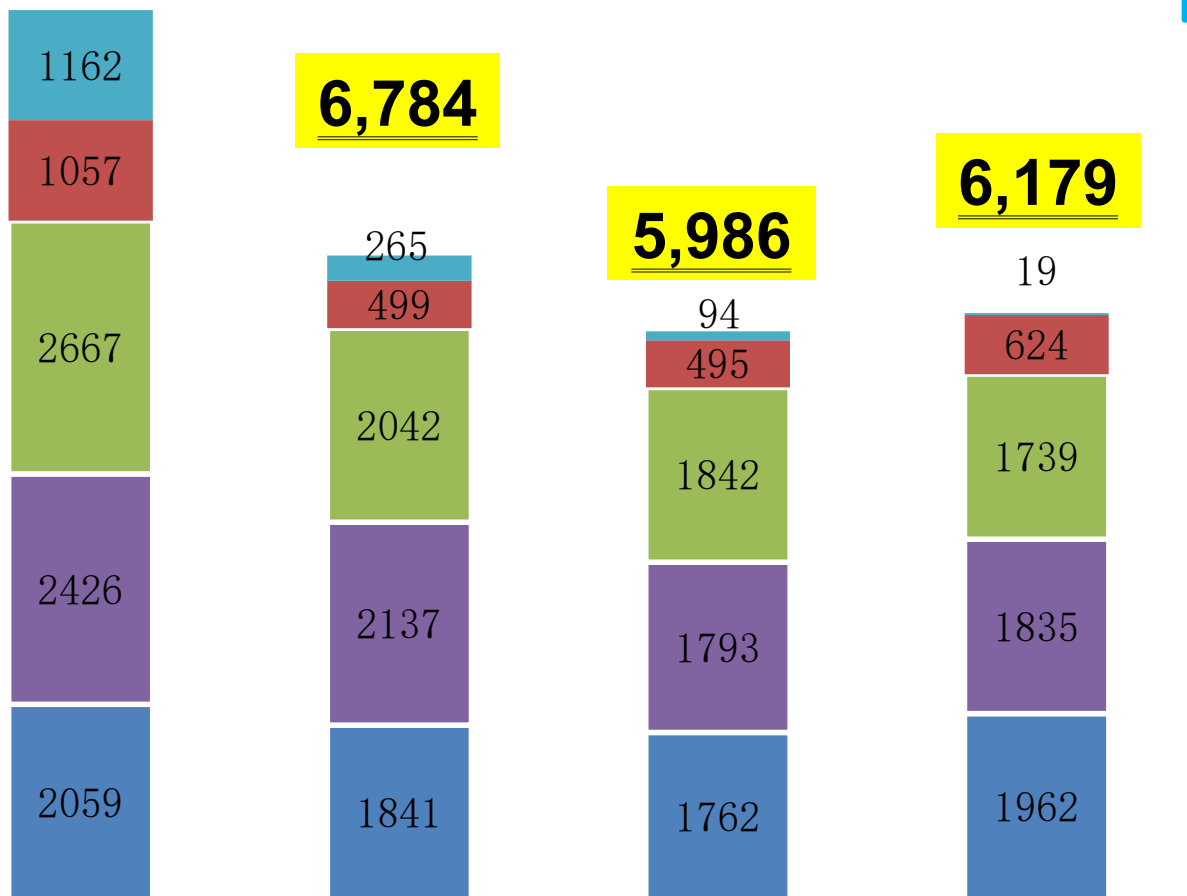
unit : million NT\$

9,371

6,784

5,986

6,179



Medical Mask



Disposable Surgical gowns Fabrics



Spunlance Nonwoven Fabrics



Wet wipes & Cosmetics



Air Through & Thermal Bond Nonwoven Fabrics



Source: Company Filings

Revenue Split by Countries



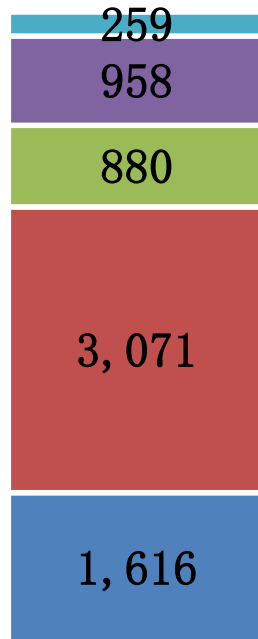
Unit : NT\$ million

9,371

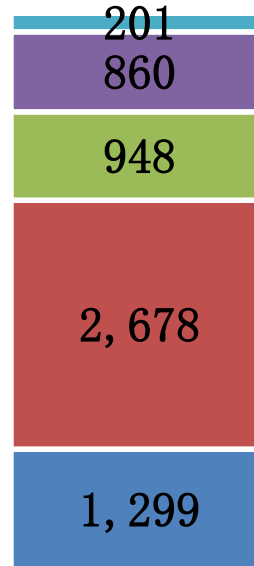


Revenue 100%

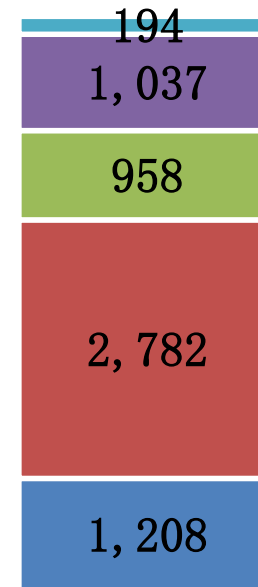
6,784



5,986



6,179



others

Asia

Japan

China

Taiwan

2020

2021

2022

2023

Source: Company Filings

Nonwovens Industry International Top 40 Companies



2022 International Top Companies

1. [Berry Global United States \\$3.1 billion](#)
2. [Freudenberg Performance Materials Germany \\$2.9 billion](#)
3. [Ahlstrom Finland \\$1.6 billion](#)
4. [Glatfelter United States \\$1.5 billion](#)
4. [Kimberly-Clark United States \\$1.5 billion](#)
6. [Fitesa Brazil \\$1.4 billion](#)
7. [Toray Industries Korea \\$1.023 billion](#)
8. [DuPont United States \\$1 billion](#)
9. [Alkegen United States \\$764 million](#)
10. [Hollingsworth & Vose United States \\$729 million](#)
11. [PFNonwovens Czech Republic \\$726 million](#)
12. [Johns Manville United States \\$725 million](#)
13. [Suominen Finland \\$524 million](#)
14. [TWE Group Germany \\$480 million](#)
15. [Sandler Germany \\$470 million](#)
16. [Avgol Israel \\$450 million](#)
17. [Gulsan Group Turkey \\$430 million](#)
18. [Zhejiang Kingsafe China \\$400 million](#)
19. [Fibertex Personal Care Denmark \\$361 million](#)
20. [Fibertex Nonwovens Denmark \\$303 million](#)

2022 International Top Companies

21. [Jofo Nonwovens China \\$300 million](#)
22. [Union Industries Italy \\$226 million](#)
23. [Nan Liu Industries Taiwan \\$215 million](#)
24. [Shalag Israel \\$210 million](#)
25. [Spuntech Industries Israel \\$204 million](#)
26. [Dalian Ruiguang Nonwovens China \\$189 million](#)
27. [Hassan Group Turkey \\$184 million](#)
28. [KNH Enterprises Taiwan \\$180 million](#)
29. [Xingtai Nonwovens Products China \\$175 million](#)
30. [Mitsui Chemicals Japan \\$157 million](#)
31. [Mogul Nonwovens Turkey \\$141 million](#)
32. [Owens + Minor \(Halyard Health\) United States \\$140 million](#)
33. [Asahi Kasei Japan \\$131 million](#)
34. [Saudi German Nonwovens Co. Saudi Arabia \\$130 million](#)
35. [Tenowo Germany \\$130 million](#)
36. [Beijing Dayuan Nonwovens China \\$109 million](#)
37. [Toyobo Japan \\$108 million](#)
38. [Unitika Japan \\$82 million](#)
39. [Precision Textiles United States \\$80 million](#)
40. [Daiwabo Japan \\$58 million](#)

Company Location



Yanchao New plant (Headquarters)



Qiaotou plant



Yanchao plant



Company Location



CHINA

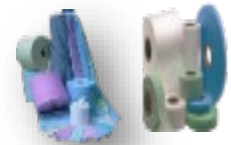
Pinghu plant

1.100km away from Pudong airport (1.5 hour drive)

2.15 min away from Jiashan South Railway Station

Vertical Integration

Fabrics



Secondary Processing



Finish Products



One stop shopping

Cost Advantage

Economies Scale

Company location



INDIA – Ahmedabad Plant Sanand-II Industrial estate, Ahmedabad, Gujarat



INDIA plant is under construction
& estimated to start production by early 2021.Q4



Mar,2021



Nan Liu Milestone



Startup: household products (e.g., dish scrubber)

Development: daily supplies (e.g., surface material for sanitary pad, diaper)

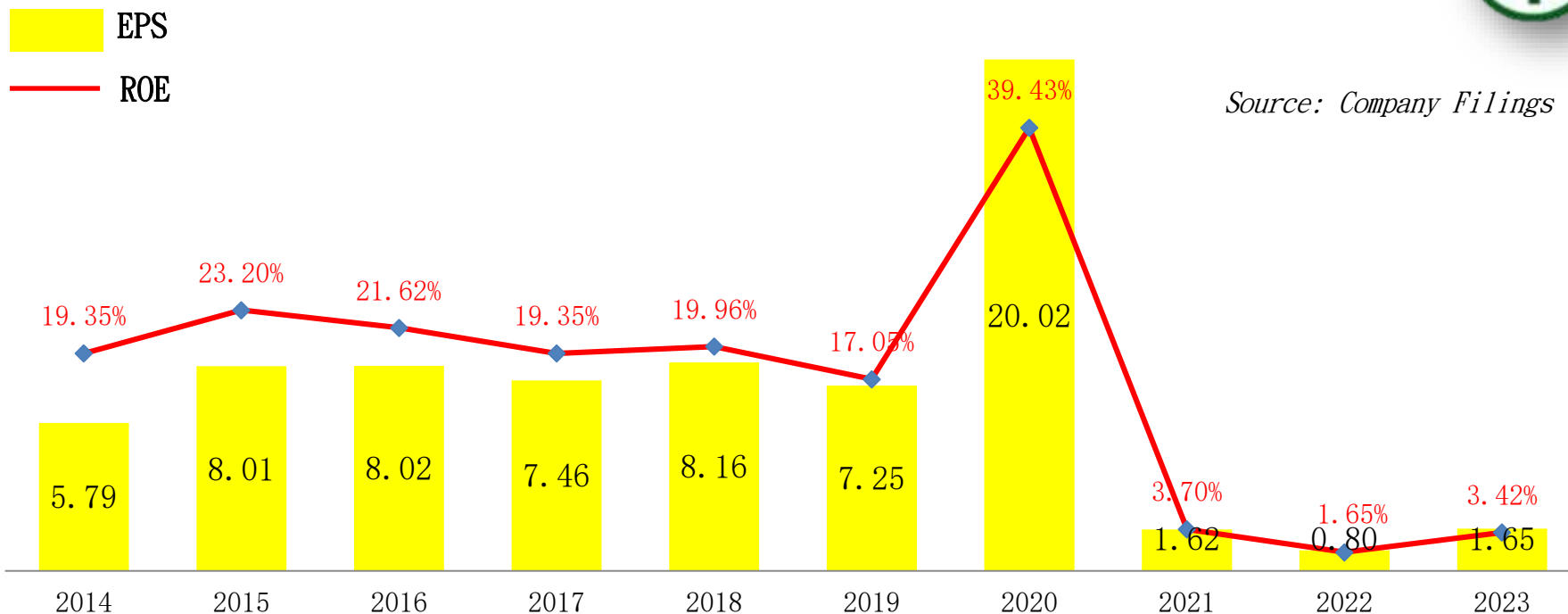
Growth: spunlace nonwoven fabrics for sanitary supplies, diversification into biotech segment (facial masks, skincare products)

Acceleration: pulp/Spunlace nonwoven fabrics, built and expanded Pinghu plant at Zhejiang

Breakout: research and innovation leader shaping client demand



Dividend Policy, EPS, ROE, Cash flow



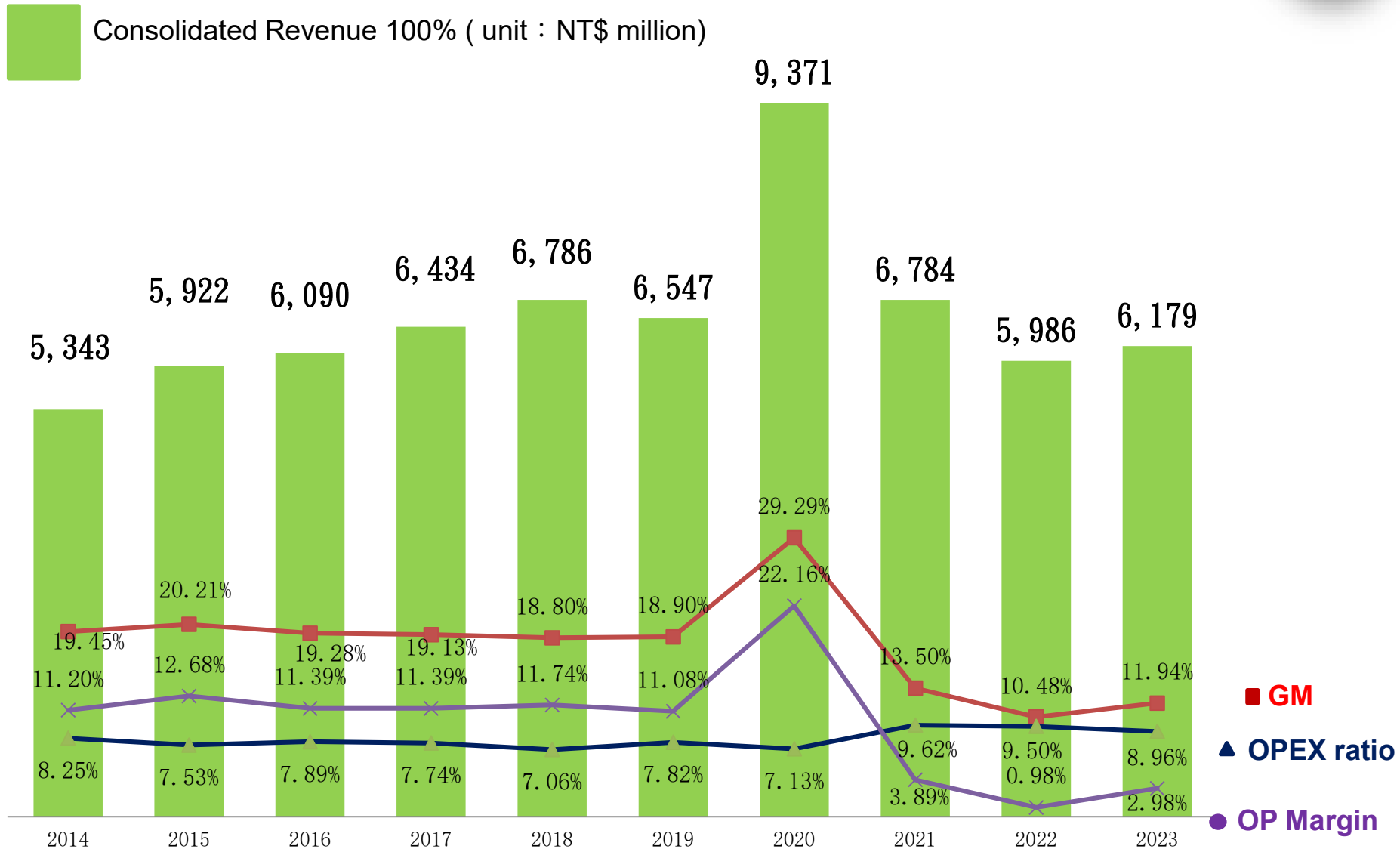
Source: Company Filings

- 1.Dividend Policy : around 48~60%
- 2.We don't like to take money from shareholders.
(ex. capital increase, CB...)

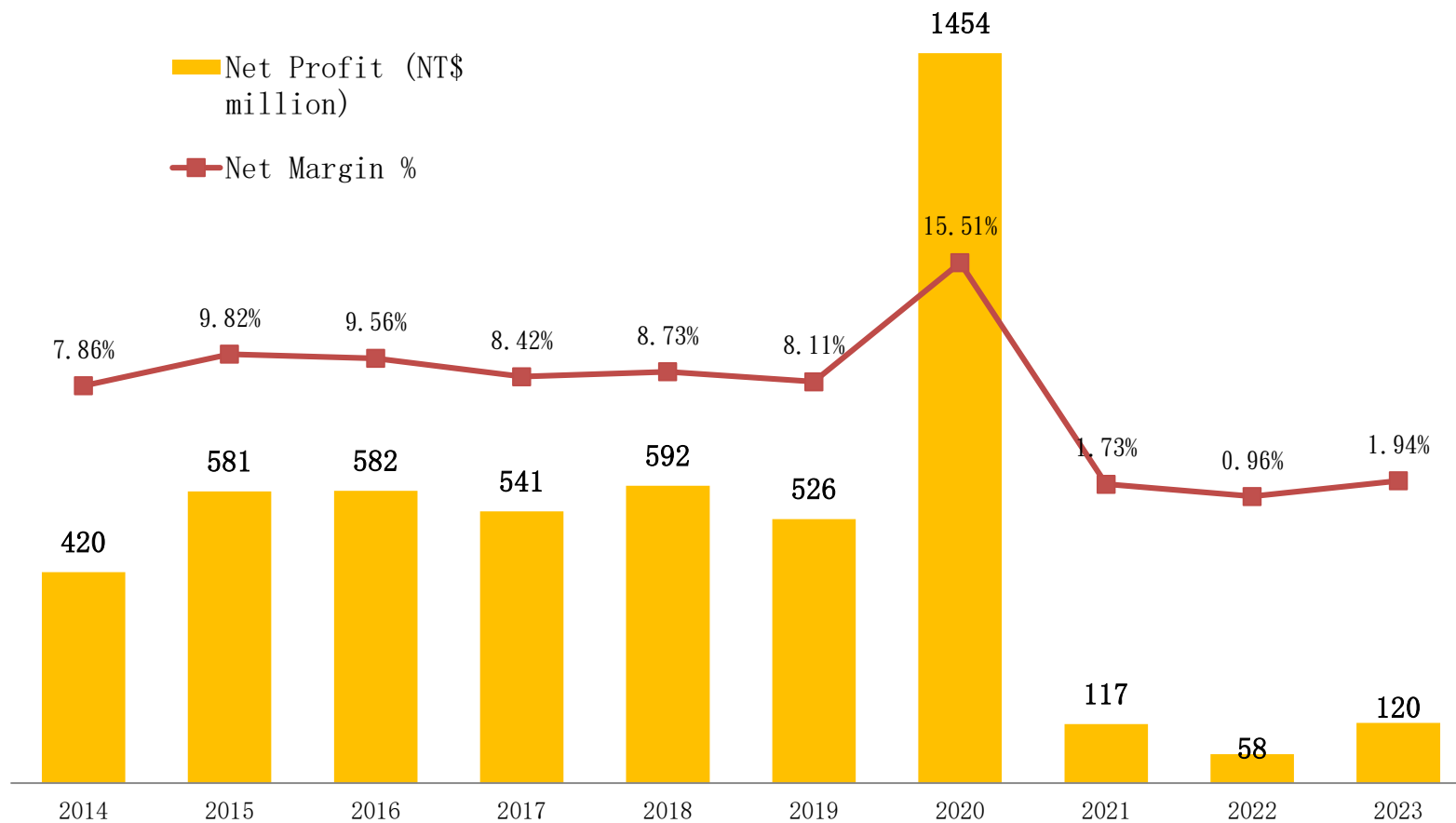
		2020	2021	2022	2023
EPS		20.02	1.62	0.8	1.65
股利	現金	12	1.2	1	1.1
	股票	0	0	0	0
股利發放率%		60.0%	74.0%	125%	66%

NT\$ million	2020	2021	2022	2023
Cash from Operating Activities	1581	959	397	489
Cash from Investing Activities	(981)	(733)	(758)	(713)
Cash from Financing Activities	(270)	(138)	62	(173)
Effect of Exchange Rate changes on cash and cash equivalents	49	0	44	(36)
NET INCREASE IN CASH AND CASH EQUIVALENTS	379	88	(255)	(433)
Capex	(994)	(703)	(584)	(291)
Depreciation & Amortization	411	523	542	543

Financial highlights



Financial highlights



Eco-friendly



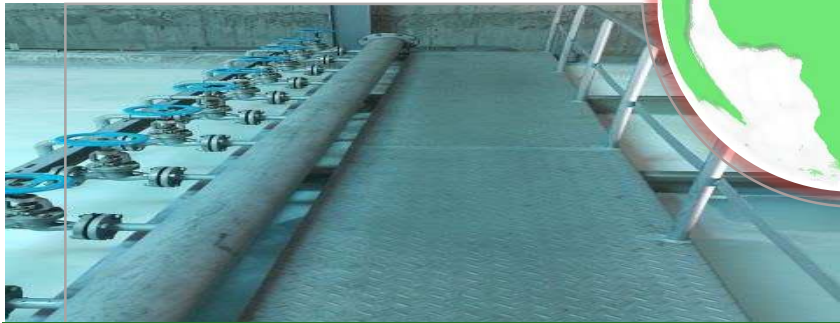
Green energy



Water Recycling



Wastewater management system



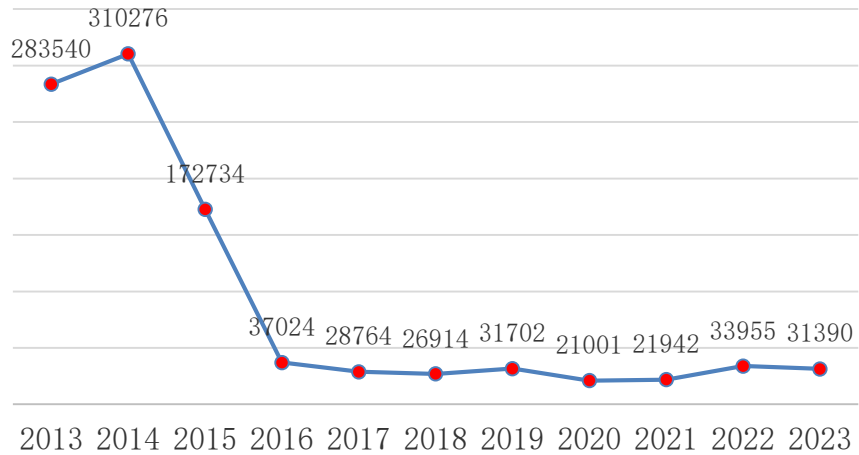
RO water reuse



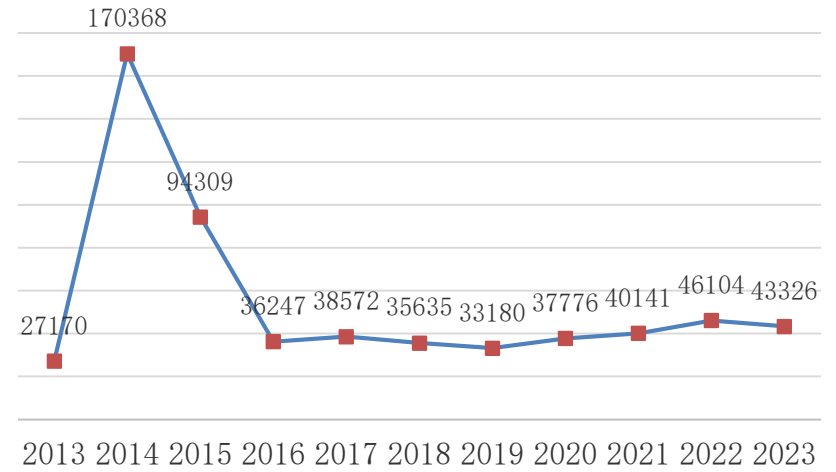
Water saving



A3車間用水量 噸



B3車間用水量 噸



Green energy



Pinghu Plant, China



New HQ / Yanchao plant, Taiwan



The efficiency of solar panel

4.01 Million (kWh) in 2019
4.09 Million (kWh) in 2020
4.08 Million (kWh) in 2021
4.28 Million (kWh) in 2022
4.30 Million (kWh) in 2023



Total power generation in 2022 is 4.30 M (kWh) ,
which is equal to 168,406 trees.
Reduce emissions by 1,845 tons CO₂ in 2023.

The efficiency of solar panel

2.89 Million (kWh) in 2019
3.17 Million (kWh) in 2020
3.00 Million (kWh) in 2021
3.02 Million (kWh) in 2022
3.86 Million (kWh) in 2023



Total power generation in 2022 is 3.86 M (kWh) ,
which is equal to 144,562 trees.
Reduce emissions by 1,582 tons CO₂e in 2023.

Corporate Social Responsibility (CSR)



 CSR

NanLiu (Taiwan) charity foundation
NanLiu (Pinghu) charity foundation



Corporate Social Responsibility (CSR)



Social assistance for poverty and unemployment



Reward Pinghu students with scholarship



Volunteer activities - haircut



Reward Tainan students with scholarship

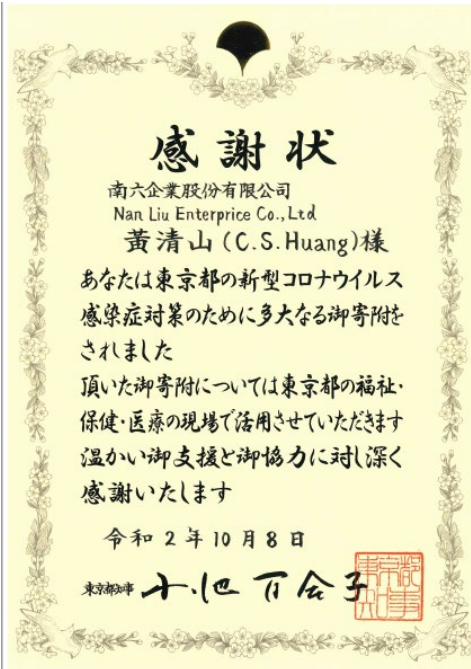


Donate tissue to hospital to anti-COVID



Assist small farmer to promote pineapple

Corporate Social Responsibility-overseas



Appreciation of mask donation from the governor of Tokyo



Slovakia local news reported mask donation from NanLiu



Appreciation of mask donation from Saint Vincent ambassador



Japan local news reported mask donation from NanLiu

Corporate Social Responsibility-USA



傳真號碼: 886-8366

外交文函

總機號碼: 臺北中環遠東大樓二樓
 總機人員: 蘇麗華
 傳真: 1(886)2369-2147
 電子郵件: jyc@ngm.com.tw

英文書名: 南太企業股份有限公司
 中文書名: 南太企業股份有限公司
 英文地址: 中環遠東大樓二樓
 中文地址: 中環遠東大樓二樓
 註冊資本: 新加坡元110,000,000
 證券及期貨事務委員會註冊
 註冊號碼: 010100000000000000

主旨: 有關貴公司捐贈醫療用品予美國各界之感謝書、
 請查照。

說明:

- 一、貴公司於上(109)年11月武漢肺炎(COVID-19)疫情嚴峻之際捐贈美國醫務機構及洛杉磯市警局共60萬片口罩,及捐贈防疫物資捐給民衆,體現貴公司愛國之無私人道關懷,本部長代表受捐單位及美國醫務機構配合辦理口罩捐贈相關事宜。
- 二、檢送美國「南佛羅里達紀念醫院」、「德州科技大學艾爾巴索醫學中心」、「新墨西哥大學附屬醫院」、「哥倫比亞特區紀念醫院心臟中心」、「洛杉磯市警察局建築分局」、「哥倫比亞特區附屬醫院中心」、「哥倫比亞特區加州州醫學中心」及「聖路易大醫院」等受贈單位致貴公司謝函正本共8份如附件,請查照。

三、南太企業股份有限公司
 總機: 蘇麗華 總機: 蘇麗華 總機: 蘇麗華

部長吳劍雲

頁數: 1/1

Jackson Health
 Maintaining middle class.

November 23, 2020

Mr. C.S. Huang
 Chairman
 Nan Liu Enterprise CO., LTD.
 NO. 699, Siliu Road,
 Kaohsiung City, Taiwan

Dear Mr. C.S. Huang,

As times like these, knowing there are others that embody generosity is humbling and inspiring. We would like to extend our heartfelt thanks to Nan Liu Enterprise Co., Ltd. for their generous donation of 200,000 3ply medical face masks for Jackson Memorial Hospital.

The fact that Nan Liu Enterprise Co., Ltd. is continuing to think of others, at what is a worrying and difficult time for all, speaks volumes of your kindness and compassion. The generosity of help we get through these trying times helps.

Jackson operates in areas during the deadly aftermath outbreak of 2019, and since then has strived to be in an oasis of providing high standard quality of care for all, regardless of their ability to pay.

From the bottom of our hearts, thank you for supporting us in our mission. To learn more about our Foundation please visit www.jacksonfoundation.org

Sincerely,

Florida Linn
 Florida Linn
 Co-President, Child Development Office
 Jackson Health Foundation

1000 N.W. 13th Avenue, Suite 1177 West
 Miami, FL 33136

UNIVERSITY MEDICAL CENTER
 OF EL PASO

November 26, 2020

Mr. C.S. Huang
 Chairman
 Nan Liu Enterprise CO., LTD

Dear Mr. Huang:

On behalf of University Medical Center of El Paso, I would like to thank you for your generous donation of the 200,000 surgical masks. At a time when hospitals across the country and world struggle to maintain a steady supply of personal protective equipment (PPE), generous donations like yours are helping us respond to COVID-19 and save lives.

For context, UMC of El Paso's only test-for-profit, community-owned hospital with 325 licensed beds. We are the primary teaching institution for Texas Tech University's four-year Paul L. Foster School of Medicine in El Paso and are direct partners in El Paso Children's Hospital. We are home to our region's only Joint Commission Certified Comprehensive Stroke Center and the only Level 1 Trauma Center in a 280-mile radius. We strive to offer the highest level of care, which we hope, is reflected in the number of patients we see. In 2019, UMC El Paso had 882,222 outpatient visits, 27,748, 12,728 admissions, 3,122 trauma admissions and nearly 64,347 visits to our emergency department. As we always pursuing the highest levels of expertise and resources to remain the standard-bearer of medical care that El Paso can depend on, even during COVID-19.

That dependable health care would not be possible without our dedicated team of physicians, nurses, technicians, other health care professionals, and hospital support staff who daily work to save the lives of others. As the number of active COVID-19 cases in El Paso surpasses 18,000, our dedication to providing appropriate personal protective equipment and keeping them and their families safe is our number one priority. This donation also helps us prepare for what will be an incredibly busy fall season, where we will be addressing both the flu and COVID-19. As we navigate through a global pandemic, we remain guided by our mission to heal, serve, and educate our El Paso community. A mission that has been enhanced by your generosity.

We are stronger and safer because of you and everyone at Nan Liu Enterprise. Again, thank you and know that we have an ever-grateful community and many friends at University Medical Center of El Paso.

Sincerely,

R. Jacob Cronin
 R. Jacob Cronin
 President & CEO

NLM HOSPITALS

Mr. C. S. Huang
 Chairman
 Nan Liu Enterprise Co., LTD.
 NO. 699, Siliu Road
 Kaohsiung City, Taiwan 824006

December 4, 2020

Dear Mr. Huang,

Thank you so much for the generous contribution to NLM Hospital of 150,000 face masks. These face masks will be distributed for use by NLM Hospital staff to ensure their safety while confining their day-to-day duties amidst with the care of its patients. Your generosity during the pandemic is greatly appreciated. Thank you for thinking of our health care workers during this difficult time.

We would also like to recognize Mr. David Lin for helping to organize the complicated logistics in getting the masks to our hospital.

Each of the packages had the shipping documents associated to the supply shipment.

James Gallego
 James Gallego
 Sr. Director, Clinical, NLM Hospital

Dr. David Lin, Director, Taipei Economic and Cultural Office in Los Angeles

Enclosures

Glendale Memorial Health Foundation

December 10, 2020

Mr. C.S. Huang
 Chairman
 Nan Liu Enterprise Co., LTD.
 NO. 699, Siliu Road
 Kaohsiung City, Taiwan

Dear Mr. Huang,

On behalf of the Board of Directors of Glendale Memorial Health Foundation, I want to say thank you for your recent gift of 20,000 surgical masks on 12/10/20 to Glendale Memorial Hospital and Health Center.

At times like these, knowing there are others that embody generosity is humbling and inspiring. The fact you are thinking of others, at what is a worrying and difficult time for us all, speaks volumes of your kindness and compassion. The generosity of spirit shown in making your gift the bedrock of what is good about humanity, and will be what helps us all go through this current crisis together.

This letter serves as your formal acknowledgment and, in accordance with the Internal Revenue Service regulations, your contribution is 100% fully tax deductible as no goods or services were provided in consideration of this gift. Please note that Glendale Memorial Health Foundation is a federally recognized non-profit organization. Tax ID# 46-9628651.

Once again, thank you for your support of the Foundation. Your contribution will help ensure that the quality of care at Glendale Memorial Hospital remains second-to-none, and available to all who need it.

Wanda Dan Murphy
 Wanda Dan Murphy
 Vice President/Chief Philanthropy Officer
 Glendale Memorial Foundation

LOS ANGELES POLICE DEPARTMENT

December 7, 2020

Mr. C.S. Huang, Chairman
 Nan Liu Enterprise Co., LTD
 No. 699 Siliu Road
 Kaohsiung City, Taiwan

Dear Mr. Huang,

The Los Angeles Police Department, Hollywood Area, and everyone in our station, thank you for your recent kind donation of 6000 face masks valued at \$1,200. Your generous support of the men and women of the LAPD hospitalation is most appreciated.

If you have any questions, please contact my assistant, Sergeant Jonathan Larsen, at (313) 972-2900.

Respectfully,
 MICHAEL T. MOORE
 Chief of Police

Brian S. Bixler
 BRIAN S. BIXLER, Captain
 Commanding Officer
 Hollywood Patrol Division

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER
www.lapd.com

St. Mary Medical Center

January 20, 2021

Mr. C.S. Huang
 Chairman, Nan Liu Enterprise Co., LTD
 NO. 699 Siliu Road
 Kaohsiung City, Taiwan

Mr. Huang:

On behalf of Carolyn Caldwell, President and CEO of St. Mary Medical Center and the Foundation's Board of Trustees, thank you for your gift of 15,000 (fifteen thousand) masks. We are profoundly grateful.

The masks are critical for safety. They protect the wellbeing of both patients and medical center staff. And the gift is timely. The masks could not have arrived at a better time!

COVID-19 continues to be a frightening disease, and its effects are widely felt in Los Angeles County and the City of Long Beach. Today there are more than 80 COVID-19 patients in our hospital; just five weeks ago the number was 131.

In the midst of this crisis, there is reason for hope. The approved vaccines are being distributed. Members of the clinical staff here at St. Mary began receiving this new medication late in December, and the process is continuing across Greater Long Beach, our nation, and the world.

The pandemic is challenging, but while we are facing it we celebrate the fact that we are making new friends. We applaud Serena C.H. Yu, Deputy Director of the Taipei Economic and Cultural Office here in Los Angeles, who has made it possible for us to receive the masks, and we look forward to reintroducing our CEO, Carolyn Caldwell, to Serena and other leaders in the Economic and Cultural Office. If you or another representative of Nan Liu Enterprise Co. come to greater Los Angeles, we will welcome the opportunity to show you the busy Port of Long Beach and St. Mary Medical Center.

Best wishes for good health and prosperity,

Michael J. Nells
 Michael J. Nells

California Hospital Medical Center Foundation

January 20, 2021

Mr. C. S. Huang
 Chairman
 Nan Liu Enterprise Co., LTD.
 NO. 699, Siliu Road
 Kaohsiung City, Taiwan

Dear Mr. Huang,

On behalf of California Hospital Medical Center Foundation, I would like to extend my sincere thanks for your support of a COVID-19 response effort and for your generous January 20, 2021 \$1,400 gift of the following items:

Item	Quantity
Surgical Masks	15,000

Each and every donation we receive plays an important role in the hospital's ability to provide excellent and compassionate patient care. As a hospital we strive to provide outstanding medical services to all of our patients, but outstanding care involves more than just clinical expertise. It is the human-to-human compassion and connection between our caregivers and our patients and their families that support the healing process. Donations such as yours elevate every aspect of our care.

Thank you again for your donation to support our hospital and community during this unprecedented time!

Sincerely,
Susan Shum
 Susan Shum
 Chief Philanthropy Officer
 California Hospital Medical Center Foundation

Providence St. Jude Memorial Foundation

February 3, 2021

Mr. C. S. Huang, Chairman
 Nan Liu Enterprise Co., LTD
 NO. 699, Siliu Road
 Kaohsiung City, Taiwan

Dear Mr. Huang,

This is the time for us to come together. You chose to join St. Jude Medical Center, our physicians and caregivers, and your fellow neighbors in the fight against COVID-19. We are so grateful.

It is my privilege to thank you for your thoughtful donation to St. Jude's ongoing fighting against COVID-19. Your generosity, compassion and recovery efforts. Your donation supports our frontline workers caring for those in need, this pandemic while also supporting our patients, families and our entire healthcare system.

On behalf of St. Jude Medical Center and our entire staff and beyond the walls of our hospital, it is my pleasure to thank you for this gift.

Every day, and in times of crisis, St. Jude Medical Center is here for you. Thank for your partnership, we are able to continue our medical response to COVID-19, using their resources to address the challenges of today - and that these will come with our eventual recovery from this pandemic.

Your generosity is invaluable to everyone in our hospital, especially to our caregivers, who are tirelessly and compassionately treating those affected by the pandemic. Thank you and every day.

Thank you for your support as a part of the COVID-19 health crisis, together.

From our family to yours, stay safe and well.

Shirley M. Hahn
 Shirley M. Hahn
 Chief Philanthropy Officer
 St. Jude Medical Center

State Department of Health and Human Services

October 22, 2020

Nan Liu Enterprise Co., Ltd.
 No. 699, Siliu Rd., Yanchao Dist.,
 Kaohsiung City, Taiwan

Dear Nan Liu Enterprise,

The Mater Center for Disease Control and Prevention thanks you for donating 50,000 medical face masks to the people of Mater. These face masks will be distributed to areas of greatest need in our state, including to front line health care workers who give a pivotal role in our efforts to contain the spread of COVID-19.

Your act of kindness highlights our shared humanity in the face of a pandemic. We are grateful for the generosity of Nan Liu Enterprise and the people of Taiwan.

Respectfully,
Srinu D. Shah, M.D., J.D.
 Srinu D. Shah, M.D., J.D.
 Director
 Mater Center for Disease Control and Prevention

Appreciation of Mask donation from the hospitals and institutes of the US.



Q & A

**Thanks for your attention!
Have a great day!!!**

