M.R.O. 1—39,000—16-10-29.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 1938-39 Press ~~Mis.~~

230-232
Dated 11-7- No. 1868

Not to be folded or roughly handled

No. 230. Read the following letter from the Honorary Secretary to the Government Farm, to the Secretary to Government, Revenue Department, Fort St. George, dated Madras, 7th July 1868 :—

1. I have the honor to state that, in accordance with the instructions contained in G. O., No. 1,171, of April 30th, 1868, I have had the working model of the Bucket Pump packed carefully for transmission to Bombay.

2. The Improved Pump has been fixed in a well at the Farm, but it does not work quite as well as was anticipated. It only raises 25 buckets per minute instead of 32, as was expected. This, however, gives a much better result than the old Pump, as may be seen by the following statement :—

	Old Pump.	*New Pump.*
Buckets raised per minute	16	25
	4	4
Gallons per minute...	64	100
	60	60
Do. per hour	3,840	6,000
	8	8
Do. per day	30,720	48,000

3. The cost of both old and new Pumps is the same, and the cost of working them the same, viz. :—

	RS.	A.	P.
Cost price of Pump	500	0	0
Bullocks and harness	200	0	0
	700	0	0
Allow for net wear and tear, 15 per cent per month ...	8	12	0
Keep of Bullocks and Driver	22	0	0
	30	12	0
A Pecottah costs on the other hand,			
3 men monthly...	15	0	0
Wear and tear	1	0	0
	16	0	0

A Pecottah raises 5,850 gallons in a day, therefore the Improved Pump is equal to rather more than 8 Pecottahs.

Cost of 8 Pecottahs ... ... at Rupees	16	0	0
			8
	128	0	0
Deduct cost of Pump	30	12	0
Balance in favor of Pump	97	4	0

Or to take it another way, a pecottah raises about 10,900 gallons for 1 Rupee, while the Bucket Pump raises 46,000 gallons at the same cost.

Proceedings of the Madras Government, Revenue Department,
11th July 1868.

4. The working model is sent herewith.

No. 231. ORDER THEREON, 11th July 1868, No. 1,938.

Miscellaneous.

Ordered that the model be forwarded to the Bombay Government with copy of the above letter.

(True Extract.)

(Signed) R. A. DALYELL,
Acting Secretary to Government.

To the Honorary Secretary to the Government Farm Committee.

Exd. F. R. Bantleman.

REVENUE DEPARTMENT.
FORT ST. GEORGE,
11th July 1868.

No. 1,939.

No. 232.

To

THE CHIEF SECRETARY TO THE GOVERNMENT OF BOMBAY.

SIR,

Miscellaneous.

1. With reference to paragraph 3 of your letter, dated 8th January 1867, No. 81, I am directed to inform you that a working model of the Bucket Pump, used for irrigation at the Sydapet Farm, is about to be despatched to you. Copy of the Secretary's letter, dated 7th July 1868, explaining the advantages of the Pump accompanies this.

2. The case has been transmitted to the Superintendent of Marine at Madras to be sent to Bombay by an early opportunity, and intimation will be given to you of the name of the vessel by which it is forwarded.

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) R. A. DALYELL,
Acting Secretary to Government.

Exd. F. R. Bantleman.

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Dr. 1938.

Ordered that the
Lords be forwarded to the
Bombay Govt. with copy
of the above letter.

E M

11th. July/68.

Pol. No. 691-92
30/4/68

5 Apes Letter Honorary Secy, to the Govt. Town Committee Dec. 13.

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Paper Despatch

11th July /68.

Revenue Department

No. 1939.

To

The Chief Secretary to the
Government of Bombay.

Sir,

With reference to para 3 of your letter dated 8th January 1867 No. 81, I am directed to inform you that a working model of the Bucket pump used for irrigation at the Sydapet Farm is about to be despatched to you. Copy of the Secretary's letter dated 7th July 1868 explaining the advantages of the pump accompanies this.

The case has been transmitted to the Supt. of Marine at Madras to be sent to Bombay by

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of the name of the vessel
by which it is forwarded.

Revenue 1868 Departt
Pro. of Grant for July

No 1939

To The Chief Secretary to
the Govt of Bombay
Dy 11th July 1868

No. 232