M.R.O. 1—10,006—28-2-50.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2939	Press
~~B.P. No.~~ 102-103		Mis.
Dated	5-12-1893	~~195~~ .

Not to be folded or roughly handled

No. 102. Read the following letter from Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Chepauk, 8th November 1873, No. 1,439 :—

I HAVE the honour to forward, for the orders of Government, Proceedings of a Committee assembled in accordance with G. O., No. 1,971, dated 8th August 1873, to report on an arrangement for pulling punkahs invented by Lieutenant MacCarthy.

1 Plan.
1 Proceedings of Committee.

Proceedings of a Committee assembled in accordance with the Order of Government of the 8th of August 1873, *No.* 1,971, *to report on an arrangement for pulling punkahs, invented by Lieutenant J. E. MacCarthy.*

THE Committee having carefully considered Lieutenant MacCarthy's letter and the plan which accompanied it, and having had a full-sized punkah constructed and worked on his plan, now report as follows :—

The details of Lieutenant MacCarthy's design for pulling punkahs have been carefully worked out, but the pulling of a number of punkahs by a continuous rope or girdle is similar to Mr. Orr's method as applied at the General Hospital at Madras. The wheel bracket used by Lieutenant MacCarthy for turning round corners is not considered so economical as the single pulley as used by Mr. Orr.

The Committee now proceed to notice severally the advantages claimed for this arrangement :—

1. *Facility of a number of punkahs being pulled by one man or any other power (steam, etc.)*—No greater facility is obtained by this method than by the ordinary one of pulling punkahs singly or in sets.

2. *Each punkah is so arranged that it may be stopped by the occupant of the room.*—The arrangement for disconnecting a single punkah, independently of the other punkahs (all being worked by the same power) is creditable and ingenious. The idea is also new and may, with slight modification of details, be applied to Mr. Orr's method at the General Hospital.

3. *The punkahs to receive both ways that peculiar jerk to cause the necessary breeze.*—A fair pull is far more desirable than the jerking here ensured.

4. *Absence of noise.*—The punkah being suspended on knife edges, the jerking (ensured in 3) causes a slight movement of the knife edge, making a most undesirable noise for a sick room, and it is further liable to rattle.

5. *Simplicity of construction.*—Nothing can be more simple than the ordinary method of constructing and hanging punkahs, while this method is certainly more complicated and expensive.

6. *The arrangement being suitable to rooms varying in height.* So also in the present ordinary method.

In conclusion the Committee are of opinion that the only portion of Lieutenant MacCarthy's method that has a claim to novelty or peculiar merit, is his arrangement for stopping and again putting in motion any one punkah of a series.

(Signed) E. A. FOORD, Colonel, R.E.,
Inspecting Engineer for Buildings.
(Signed) H. T. ROGERS, Major, R.E.,
Principal, Civil Engineering College.
(Signed) J. N. GRAINGER, C.E.,
Genl. Supt., Public Works Stores and Workshops.

CHEPAUK,
8th November 1873.

Proceedings of the Madras Government, Public Works Department,
5th December 1873.

No. 103. ORDER THEREON, 5th December 1873, No. 2,939.

CIVIL WORKS, No. 7.

ORDERED that the Committee's Report be communicated to Lieutenant MacCarthy, and to the Press.

2. His Excellency the Governor in Council compliments Lieutenant MacCarthy on the ingenuity of his invention, especially that portion of it which relates to the arrangement for stopping and again setting in motion any one punkah of a series.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To Lieutenant J. E. MacCarthy.
,, President of Committee.
,, Editor's Table.

Proceedings of a Committee assembled in accordance with the order of Government of the 8th of August 1873, No. 1971, to report on an arrangement for pulling punkahs, invented by Lieut.t J. E. MacCarthy.

The Committee having carefully considered Lieut.t MacCarthy's letter and the plan which accompanied it, and having had a full sized punkah constructed and worked on his plan, now report as follows.

The details of Lieut.t MacCarthy's designs for pulling punkahs have been carefully worked out, but the pulling of a number of punkahs by a continuous rope or girdle is similar to Mr. Orr's method as applied at the General Hospital at Madras. The wheel bracket used by Lieut.t MacCarthy for turning round corners is not considered so economical as the single pulley as used by Mr. Orr.

The Committee now proceed to notice

P. W. 1873 Depart.

No. 6142.

No. 1439

From

The Inspecting Engineer

for Buildings,

To

The Secretary to

Government D.P.W.

Enclosure 2

Dated 8th } November 1873.

Recd. 11th }

Forward for Order Proceedings of Committee assembled to report on an arrangement for pulling-punkahs invented by Lt. MacCarthy

Order

No. 2939

Ordered that the Committee's Report be communicated to Lieut. MacCarthy and to the Presidency. His Excellency the Governor in Council compliments Lieutenant MacCarthy on the ingenuity of his invention; especially that portion of it which relates to the arrangement for stopping and again setting in motion any one Punkah of a series.

To Lt. J. MacCarthy
President of the Committee
Extra Table

Despatched 6/12/73

h-102.3

(In 18 Nov/73
Despatched Governor 12-11-73

(In 18 Nov/73

and again putting in motion every one punkah of a series.

E A Md Colonel RE.
Chepauk 8th November 1873
Inspecting Engineer for Buildings

Major RE.
Principal Civil Engineering College.

Madras 8th Nov 1873
Engineer & Architect to Government

Sir,

I have the honor to forward for the orders of Government, proceedings of a Committee assembled in accordance with G.O. No. 1971, dated 8th August 1873, to report on an arrangement for pulling punkahs invented by Lieutenant MacCarthy.

I have the honor to be,
Sir
Your most obedient Servant
EA Md Col RE
Inspecting Engineer
for Buildings

Enclosures 2.
1. Plan
1 Proceedings Committee

Office of the Inspecting Engineer
for Civil and Military Buildings,
Chepauk, 8th November 1873.

No. 1439

From
The INSPECTING ENGINEER
for CIVIL and MILITARY BUILDINGS,

To
The Secretary to Government
P.W. Department

Sir,

Ch. 6142

Govt. of {1873} Madras.

PUBLIC WORKS.

To Lieutt. J. C. MacCarthy

Dated

Recd. Encl. 2

G. O. 5 Dec 1878. 2939.

Nos. 1024-103

Lt. MacCarthy's invention for pulling punkahs.

Committee's report thereon,

Com.r to Lt. MacCarthy

2d to Govt; Lt MacCarthy complimented on the ingenuity of his invention.